FOR REVISION OF TARIFF AFTER TRUING UP EXERCISE

FOR

NCTPS St-II

(From 01.04.2019 to 31.03.2024)

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

Petition No……

For True-up in Petition No 2/GT/2021,89/GT/2023,348/GT/2022

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-13 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for revision of tariff of **National Capital Thermal Power Station Stage-II (NCTPS-II)** (980 MW) for the period from 01.04.2019 to 31.03.2024 after the truing up exercise

INDEX

Sl. No.	Description	Page No.
1.	Summary of Issues	1-3
2.	Petition for Revision of Tariff of NCTPS-II for the period from. 01.04.2019 to 31.03.2024	4-11
3.	Affidavit	12-13
4.	Appendix-I(Tariff Form for Generating Station)	14-187
5.	Appendix-IA (Tariff Form for Transmission Asset)	188-204
6.	Appendix-IB(Supplementary Tariff Form)	205-271
7.	Annexure-A1	272-276
8.	Annexure-A2	276-281
9.	Annexure-A3	282-288
10.	Annexure-A4	289-293
11.	Annexure-A5	294-295

12.	Annexure-A6	296
13.	Annexure-A7	297
14.	Annexure-A8	298-299
15.	Annexure-A9	300-303
16.	Annexure-A10	304-309
17.	Annexure-A11	310-322
18.	Annexure-A12	323-326
19.	Annexure-A13	327-329
20.	Annexure-A14	330-335
21.	Annexure-A15	336-383
22.	Annexure-A16	384-407
23.	Annexure-A17	408-411
24.	Annexure-B	412-413
25.	Annexure-C	414-418
26.	Annexure-D	419-447
27.	Annexure-E	448-897

Summary of Issues: National Capital Thermal Power Station Stage-II (NCTPS-II) (980 MW)

(In compliance with CERC notice dated 07.06.2024)

The major highlights of the **NCTPS-II (980 MW)** Truing up petition are as follows:-
The present petition is being filed under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-13 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for revision of **National Capital Thermal Power Station Stage-II (980 MW)** for the period from 01.04.2019 to 31.03.2024 after the truing up exercise based on actual expenditures as on 31.03.2024.

NCTPS-II is located in the State of Uttar Pradesh (UP) and comprises of two unit of 490 MW each. The COD of station is 31.07.2010. The power generated from NCTPS-II is being supplied to various discoms as per MoP allocation and respective PPAs including Uttar Pradesh Power Corp. Ltd. (UPPCL BSES Rajdhani Power Ltd. (BRPL), BSES Yamuna Power Ltd. (BYPL), Tata Power Delhi Distribution Ltd. (TPDDL).

Generating Station

The tariff for NCTPS-II for the period from 01.04.2019 to 31.3.2024 was determined by the Hon'ble Commission vide order dated 01.06.2022 in Petition No. 2/GT/2021. The capital cost allowed for tariff determination included the projected additional capital expenditure admitted by the Hon'ble Commission after prudence check.

Dadri-Loni Road transmission line

In compliance with the 2014 Tariff Regulations, NTPC filed Petition No. 377/TT/2014 to determine the tariff for the 400 KV D/C Dadri-Loni Road transmission line. The Hon'ble Commission, in its order dated 20.04.2015, directed that the line be considered part of the NCTPS Stage-II generating station.

The Hon'ble Commission, in its order dated 20.04.2015, directed that this dedicated transmission line be treated as part of the Dadri NCTPS Stage-II generating station,

with its tariff included in the generation tariff. Following this directive, NTPC revised Petition No. 324/GT/2014 to include the transmission line's tariff for the period 2014-19. The Commission, through its order dated 2.5.2017, approved the capital cost and annual fixed charges for the generating station and the transmission line for the 2014-19 tariff period.

Subsequently, in Petition No. 190/GT/2020 for truing-up the tariff of the generating station and transmission line for 2014-19, the Hon'ble Commission, via its order dated 21.5.2022, permitted NTPC to file a separate petition for truing-up the tariff for 2014-19 and determining the tariff for 2019-24 for the transmission line under the applicable regulations.

Accordingly, NTPC has filed Petition No. 89/GT/2023 for truing up the 2014-19 tariff and determining the 2019-24 tariff, with the order reserved by Hon'ble commission vide ROP dated 11.07.2024.

In line with above, the tariff of NCTPS-II for the tariff period 2019-24 after the truing up exercise based on actual expenditures as on 31.03.2024 is annexed as Appendix-I and Appendix-IA for the generating station and Dadri-Loni Transmission Line respectively with the petition as per provisions of Regulation 13 of CERC Tariff Regulations 2019.

Supplementary Tariff

Further, the petitioner has submitted a supplementary tariff petition (348/GT/2022) for the determination of supplementary tariff concerning the implementation of the FGD system. Additionally, Hon'ble Commission, in its Record of Proceedings dated 08.08.2024 in Petition No. 348/GT/2022 has reserved the order. The supplementary tariff of NCTPS-II ECS system for the tariff period 2019-24 after the truing up exercise based on actual expenditures as on 31.03.2024 is annexed as Appendix-IB as per provisions of Regulation 13 of CERC Tariff Regulations 2019.

The actual Additional Capital Expenditure on cash basis for the FY 2019-20, 2020-21, 2021-22, 2022-23 and 2023-24 are Rs 26.61 Cr, Rs 6.09 Cr, Rs 0.25 Cr, Rs 40.63 Cr and Rs 49.56 Cr respectively amounting to total of Rs 118.14 crores during the 2019-

24 period. The same has been depicted year wise in Form 9A of the Appendix-I along with applicable regulations and justification for the claims. It is humbly requested to approve the actual Additional Capital expenditure during the period of 2019-24. Further it is submitted that no additional capital expenditure has been claimed for Dadri-Loni Road transmission line for 2019-24 period.

Hon'ble Commission may please allow the claims of water charges, capital spares and security expenses for the instant station as per actual, as claimed by the Petitioner in Form 3A of Appendix-I as per direction of Hon'ble commission in order dated 01.06.2022 in Petition No. 2/GT/2021.

In the light of above submission and as per the Petition being filed by the Petitioner for revision of tariff and Supplementary of National Capital Thermal Power Station Stage-II (NCTPS-II) (980 MW).The Hon'ble Commission may please approve revised tariff and Supplementary tariff for the tariff period 2019-24 as per provision of Regulation 13 of Tariff Regulations 2019.

BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

Petition No……

For True-up in Petition No 2/GT/2021,89/GT/2023,348/GT/2022

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-13 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for revision of tariff of **National Capital Thermal Power Station Stage-II (NCTPS-II)** (980 MW) for the period from 01.04.2019 to 31.03.2024 after the truing up exercise

Petitioner: : NTPC Ltd.
NTPC Bhawan
Core-7, Scope Complex
7, Institutional Area, Lodhi Road
New Delhi-110 003

Respondents

1. Uttar Pradesh Power Corp. Ltd. (UPPCL)
Shakti Bhawan
14, Ashok Marg
Lucknow – 226 001

2. BSES Rajdhani Power Ltd. (BRPL)
BSES Bhawan, Nehru Place
New Delhi – 110019

3. BSES Yamuna Power Ltd. (BYPL)
Shakti Kiran Building
Karkardooma
Delhi- 110092

4. Tata Power Delhi Distribution Ltd. (TPDDL)
Grid Substation, Hudson Road
Kingsway Camp
Delhi – 110009

The Petitioner humbly states that:

1) The Petitioner herein NTPC Ltd. (hereinafter referred to as 'Petitioner' or 'NTPC), is a Government of India Company within the meaning of the Companies Act, 1956. Further, it is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.

2) The Petitioner is having power stations/ projects at different regions and places in the country. National Capital Thermal Power Station Stage-II (980 MW) (hereinafter referred to as NCTPS-II) is one such station located in the State of Uttar Pradesh (UP).

3) The power generated from NCTPS-II is being supplied to the respondents herein mentioned above.

4) Section 62 of Electricity Act, 2003 provides for determination of tariff by the Appropriate Commission for supply of electricity by a generating company. The Hon'ble Commission, under Section 79(1)(a) of Electricity Act, 2003, is vested with the jurisdiction to regulate the tariff of the Generating Companies owned or controlled by the Central Government.

5) The Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 (hereinafter 'Tariff Regulations 2019) which came into force from 1.4.2019 and specify the terms & conditions and methodology of tariff determination for the period from 01.04.2019 to 31.03.2024 under Section 62 & 79 of the Electricity Act, 2003.

6) Regulation 9(2) & 9(3) of CERC (Terms & Conditions of Tariff) Regulations 2019 provides as under:

"9. <u>Application for determination of tariff:</u>

...……

"(2) In case of an existing generating station or unit thereof, or transmission system or element thereof, the application shall be made by the generating company or the transmission licensee, as the case may be, by 31.10.2019, based on admitted capital cost including additional capital expenditure already admitted and incurred up to 31.3.2019 (either based on actual or projected additional capital expenditure) and estimated additional capital expenditure for the respective years of the tariff period 2019-24 along with the true up petition for the period 2014-19 in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2014.

(3) In case of emission control system required to be installed in existing generating station or unit thereof to meet the revised emission standards, an application shall be made for determination of supplementary tariff (capacity charges or energy charge or both) based on the actual capital expenditure duly certified by the Auditor.""

7) In accordance with the above, Petition No. 2/GT/2021 for determination of tariff for NCTPS-II was filed before the Hon'ble Commission based on the admitted cost as on 31.03.2019 and projected estimated additional capital expenditure for the period 01.04.2019 to 31.03.2024.

8) The tariff for NCTPS-II for the period from 01.04.2019 to 31.3.2024 was determined by the Hon'ble Commission vide order dated 01.06.2022 in Petition No. 2/GT/2021. The capital cost allowed for tariff determination included the projected additional capital expenditure admitted by the Hon'ble Commission after prudence check.

<u>Dadri-Loni Transmission Line</u>

9) It is submitted that in terms of the Tariff Regulations, 2014, NTPC had filed a petition no 377/TT/2014 for determination of tariff for 400 KV D/C Dadri-Loni Road transmission line for supplying power from Dadri Station to Delhi Discoms.Hon'ble Commission vide its order dated 20.04.2015 in Petition No 377/TT/2014 had directed that transmission line of NCTPS Stage-II, Dadri to Delhi being a dedicated transmission line is a part of the generating station of Dadri and its tariff should be determined as part of generation tariff of NCTPS Stage-II, Dadri. In compliance to above directions of Hon'ble Commission, the Petitioner revised Petition No. 324/GT/2014, by incorporating its claim for tariff

of the transmission line (from 2.8.2014 to 31.3.2019). Accordingly, the Commission vide its order dated 2.5.2017 in Petition No. 324/GT/2014 approved the capital cost and annual fixed charges of the generating station and the transmission line for the 2014-19 tariff period.

10) Thereafter, in Petition No.190/GT/2020 filed by the Petitioner for truing-up of tariff of the generating station and Dadri-Loni transmission line for the 2014-19 tariff period, the Commission vide its order dated 21.5.2022, while truing-up the tariff of the generating station for the 2014-19 tariff period, granted liberty to the Petitioner to approach the Commission with a separate tariff petition for truing-up of tariff for the 2014-19 tariff period and for determination of tariff for 2019-24 tariff period in respect of the said transmission line, in terms of the relevant tariff regulations.

11) Accordingly, in compliance to the Hon'ble commission's direction, and liberty granted to the petitioner, the petitioner has filed petition no 89/GT/2023 for the revision of tariff of Dadri Loni Transmission Line for the period 2014-19 and determination of Tariff for the period 2019-24. Petition No 89/GT/2023 has been heard by Hon'ble Commission and the order has been reserved vide ROP dated 11.07.2024.

Supplementary Tariff for Emission Control System (ECS)

12) Further, it is submitted that Petition No 348/GT/2022 for determination of supplementary tariff on ODe of Emission Control System implemented in the instant station has been filed on the basis of actual capital expenditure incurred on ODe of both U#1 & U#2 and the projected add-cap from ODe to 31.03.2024.

13) The Petition No 348/GT/2022 for supplementary tariff of ECS has been heard by Hon'ble Commission and the order has been reserved vide ROP dated 08.08.2024.

14) Further, Chapter-3, Regulation 13 of the Tariff Regulations 2019 provides as under:

***"(13) Truing up of tariff for the period 2019-24**:*
(1) The Commission shall carry out truing up exercise for the period 2019-24 along with the tariff petition filed for the next tariff period, for the following:

a) the capital expenditure including additional capital expenditure incurred up to 31.3.2024, as admitted by the Commission after prudence check at the time of truing up:

b) the capital expenditure including additional capital expenditure incurred up to 31.3.2024, on account of Force Majeure and Change in Law.

(2) The generating company or the transmission licensee, as the case may be, shall make an application, as per Annexure-I to these regulations, for carrying out truing up exercise in respect of the generating station or a unit thereof or the transmission system or an element thereof by 30.11.2024.

……."

15) In line with the provisions quoted above, the Petitioner is filing this petition for truing up the additional capital expenditure for the control period 2019-24, based on admitted capital cost as on 01.04.2019 and actual capital expenditure incurred during the tariff period from 01.04.2019 to 31.03.2024 for Generating Station as well as Dadri Loni-Transmission Line.

16) The Petitioner is also filing this petition for revision of supplementary tariff of Emission Control System (ECS) after truing up exercise from ODe of U#1 to 31.03.2024.

17) Considering the year wise actual capital expenditure and discharge of liabilities during the period from 01.04.2019 to 31.03.2024 (year wise) out of the liabilities excluded from capital cost for the works already allowed/ claimed, the relevant tariff forms for truing-up of tariff for the generating station and Dadri-Loni Transmission Line are enclosed as **Appendix-I and Appendix-IA** respectively. In addition to the actual additional capital expenditure as above,.

18) The year wise actual capital expenditure for ECS has been indicated and enclosed as part of **Appendix-IB** herewith. In addition to the actual additional capital expenditure, discharge of liabilities during the period from ODe of U#1 to 31.03.2024 (year wise) out of the liabilities excluded from capital cost for the works already allowed/ claimed have also been indicated.

19) Further, in accordance with the provisions of the Regulation-31 of Tariff Regulations 2019, for the purpose of computation of the Return on Equity, the base rate has been grossed up with the effective tax rate (MAT) applicable to NTPC at the end of respective financial years for the period 2019-24. The same is indicated in the Form-3 attached at Appendix-I.

20) Further, in accordance with the provisions of the Regulation-34 of Tariff Regulations 2019, for the purpose of computation of the Interest on Working Capital, the landed fuel cost (taking into account normative transit and handling losses) and gross calorific value of the fuel as per actual weighted average for the third -quarter of FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22 & FY 2022-23 is considered. Also, the rate of interest on working capital is considered at bank rate as on 1st April of each of the financial year during the tariff period of 2019-24. The same is indicated in the Form-O attached at Appendix-I.

21) It is submitted that some of the loans allocated to this station have been refinanced by taking new loans with lower rate of interest. As per Regulation 61 (1) of Tariff Regulations 2019, the benefits of refinancing of loans has to be shared with the beneficiaries in the ratio of 50:50 (Beneficiaries: Generator). The same has been applied by adjusting the rate of interest of new loans while computing weighted average rate of interest. The adjustment in rate of interest for new loans has been done as illustrated below:

    Rate of interest of existing loan: 8.000% (say)

    Rate of interest of new loan for refinancing of existing loan: 6.000% (say)

    Rate of interest of new loan considered for computing weighted average rate of interest: 7.000%

22) Hon'ble Commission vide tariff order dated 01.06.2022 in tariff petition 2/GT/2021 of the stations at Para 38-43 has allowed the truing up of water charges, which has been allowed by the Hon'ble Commission in the instant order based on actual for period 2019-21 and based on projection for 2021-24. Accordingly, the details for water charges comprising the contracted quantity, allocation of water, the actual water consumed during 2019-24, the basis of calculation of quantity of consumptive water and computation of water charges are being submitted in the instant petition.

23) It is submitted that Hon'ble Commission at para 46-47 in its order dated 01.06.2022 in tariff petition 2/GT/2021 has allowed the consideration of the claim on merits towards capital spares consumption at the time of truing up. Accordingly, the same has been claimed in Form-3A of the attached

Appendix-I. The details of the year wise capital spares consumed have been provided in Form-17 of the attached Appendix-I. It is prayed before Hon'ble Commission to consider the same and allow the expenditure on capital spares consumption as claimed under Regulation 35(1)(6) of the 2019 Tariff Regulations.

24) It is further submitted that in petition no. 2/GT/2021 for the instant station, the claim against security expenses had been claimed by the petitioner on estimated basis and the same has been considered by Hon'ble Commission subject to truing up in its order dated 01.06.2022 in petition no. 2/GT/2021 . The details of actual security expenses has been provided in Form-3A of the attached Appendix-I .It is prayed before Hon'ble Commission to consider the same and allow the expenditure on security expenses as claimed under Regulation 35(1)(6) of the 2019 Tariff Regulations.

25) The tariff calculation for generating station based on the above & other applicable provisions, in the formats provided in the Appendix-I of the Tariff Regulations 2019 and Dadri Loni-Transmission Line tariff calculation and supplementary tariff calculations in the formats compiled under Appendix-IA and Appendix-IB respectively are enclosed herewith.

26) It is relevant to submit that the Petitioner has filed Appeal before the Hon'ble Appellate Tribunal for Electricity in respect of certain disallowed claims by Hon'ble Commission. It is humbly submitted that the Petitioner reserves the right to approach this Hon'ble Commission and/or file amended Petition based on the outcome of such Appeal and/or any subsequent appeal(s).

27) The filing fee for the tariff determination has already been paid for the period from 2019-24 as per provisions of CERC (Payment of Fees), Regulation 2012. Accordingly, no fee is payable along with this petition for revision of tariff.

Prayer

In the light of above submissions and submissions made in respect of the directions of the Hon'ble Commission in its order dated 01.06.2022 the Petitioner, therefore, prays that the Hon'ble Commission may be pleased to:

i) Approve revised tariff of NCTPS-II Generating station for the tariff period 2019-24 as per provision of Regulation 13 of Tariff Regulations 2019.

ii) Approve revised tariff of Dadri Loni Transmission Line for the tariff period 2019-24 as separate stream from the tariff of generating station as per provision of Regulation 13 of Tariff Regulations 2019.

iii) Approve revised supplementary tariff of NCTPS-II ECS system for the tariff period 2019-24 as per provision of Regulation 13 of Tariff Regulations 2019.

iv) Allow the reimbursement of water charges, capital spares and security expenses for the instant station, as claimed by the Petitioner.

v) Pass any other order as it may deem fit in the circumstances mentioned above.

(Petitioner)

Noida

Date: 21-11-2024

BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

For True-up in Petition No 2/GT/2021,89/GT/2023,348/GT/2022

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-13 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for revision of tariff of National Capital Thermal Power Station Stage-II (NCTPS-II) (980 MW) for the period from 01.04.2019 to 31.03.2024 after the truing up exercise

Petitioner: : NTPC Ltd.
NTPC Bhawan
Core-7, Scope Complex
7, Institutional Area, Lodhi Road
New Delhi-110 003

Respondents: Uttar Pradesh Power Corp. Ltd. (UPPCL)
Shakti Bhawan
14, Ashok Marg
Lucknow – 226 001

And

Others

NOTARIAL NOTARIAL

AFFIDAVIT

I, Parimal Piyush, Son of Late Bharat Mishra, aged about 49 years, resident of IN1-2004, Inspire, Eldeco Aamantran, Sector-119, Noida (UP), do hereby solemnly affirm and state as follows:

1. That the deponent is the Additional General Manager (Commercial) of the Petitioner NTPC Ltd., and is well conversant with the facts and the circumstances of the case and therefore competent to swear this affidavit.

NOTARY OF INDIA

परिमल पीयूष/PARIMAL PIYUSH
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, Noida-201301 (U.P.)

2. That the accompanying Petition under Section 62 and 79 (1) (a) of the Electricity Act, 2003, has been filed by my authorized representative under my instruction and the contents of the same are true and correct to the best of my knowledge and belief.

3. That the contents of Para No. 1 to 27 as mentioned in the Petition are true and correct based on my personal knowledge, belief and records maintained in the office.

4. That the annexures annexed to the Petition are correct and true copies of the respective originals.

5. That the Deponent has not filed any other Petition or Appeal before any other forum or court of law with respect to the subject matter of the dispute.

परिमल पीयूष/PARIMAL PIYUSH
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, Noida-201301 (U.P.)

(Deponent)

Verification:

Verified at Noida on this 21ST day of November 2024, that the contents of my above noted affidavit are true and correct to my knowledge and no part of it is false and nothing material has been concealed therefrom.

(Deponent)

NOTARY OF INDIA
YOGENDRA SINGH
ARENA
G.B. NAGAR
REGN. NO. 5177/08

ATTESTED
YOGENDRA SINGH
NOTARY NOIDA
G B NAGAR (U.P.) INDIA

परिमल पीयूष/PARIMAL PIYUSH
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, Noida-201301 (U.P.)

21 NOV 2024

TARIFF FILING FORMS (THERMAL)

FOR REVISION OF TARIFF AFTER TRUING UP EXERCISE

FOR

NCTPS St-II

(From 01.04.2019 to 31.03.2024)

PART-I

APPENDIX-I

Checklist of Main Tariff Forms and other information for tariff filing for Thermal Stations

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM- 1	Summary of Tariff	✓
FORM -1 (I)	Statement showing claimed capital cost	✓
FORM -1 (II)	Statement showing Return on Equity	✓
FORM-2	Plant Characteristics	✓
FORM-3	Normative parameters considered for tariff computations	✓
FORM-3A	Statement showing O&M Expenses	✓
FORM- 4	Details of Foreign loans	✓
FORM- 4A	Details of Foreign Equity	**NA**
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	✓
FORM-5A	Abstract of Claimed Capital Cost for the existing Projects	✓
FORM- 6	Financial Package upto COD	**NA**
FORM- 7	Details of Project Specific Loans	**NA**
FORM- 8	Details of Allocation of corporate loans to various projects	✓
FORM-9A	Summary of Statement of Additional Capitalisation claimed during the period	✓
FORM-9 ##	Statement of Additional Capitalisation after COD	✓
FORM- 10	Financing of Additional Capitalisation	✓
FORM- 11	Calculation of Depreciation on original project cost	**NA**
FORM- 12	Statement of Depreciation	✓
FORM- 13	Calculation of Weighted Average Rate of Interest on Actual Loans	✓
FORM- 14	Draw Down Schedule for Calculation of IDC & Financing Charges	**NA**
FORM- 15##	Details of Fuel for Computation of Energy Charges: Primary Fuel(Coal)	✓
FORM- 15A##	Details of Fuel for Computation of Energy Charges: Secondary Fuel(Oil)	✓
FORM- 15B	Computation of Energy Charges	✓
FORM- 16	Details of Limestone for Computation of Energy Charge Rate	**NA**
FORM-17	Details of Capital Spares	✓
FORM- 18	Non-Tariff Income	✓
FORM-19	Details of Water Charges	✓
FORM-20	Details of Statutory Charges	✓

Provided yearwise for the period 2019-24

PART-I

List of Supporting Forms / documents for tariff filing for Thermal Stations

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM-A	Abstract of Capital Cost Estimates	**NA**
FORM-B	Break-up of Capital Cost for Coal/Lignite based projects	**NA**
FORM-C	Break-up of Capital Cost for Gas/Liquid fuel based Projects	**NA**
FORM-D	Break-up of Construction/Supply/Service packages	**NA**
FORM-E	Details of variables , parameters , optional package etc. for New Project	**NA**
FORM-F	Details of cost over run	**NA**
FORM-G	Details of time over run	**NA**
FORM –H	Statement of Additional Capitalisation during end of the useful life	**NA**
FORM –I	Details of Assets De-capitalised during the period	✓
FORM –J	Reconciliation of Capitalisation claimed vis-à-vis books of accounts	✓
FORM –K	Statement showing details of items/assets/works claimed under Exclusions	✓
FORM-L	Statement of Capital cost	✓
FORM-M	Statement of Capital Woks in Progress	✓
FORM-N	Calculation of Interest on Normative Loan	✓
FORM-O	Calculation of Interest on Working Capital	✓
FORM-P	Incidental Expenditure up to SCOD and up to Actual COD	**NA**
FORM-Q	Expenditure under different packages up to SCOD and up to Actual COD	**NA**
FORM-R	Actual cash expenditure	**NA**
FORM-S	Statement of Liability flow	✓
FORM-T	Summary of issues involved in the petition	✓

List of supporting documents for tariff filing for Thermal Stations		
S. No.	**Information / Document**	**Tick**
1	Certificate of incorporation, Certificate for Commencement of Business, Memorandum of Association, & Articles of Association (For New Station setup by a company making tariff application for the first time to CERC)	NA
2	A. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures on COD of the Station for the new station & for the relevant years.	NA
	B. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures for the existing station for relevant years.	✓
3	Copies of relevant loan Agreements	NA
4	Copies of the approval of Competent Authority for the Capital Cost and Financial package.	NA
5	Copies of the Equity participation agreements and necessary approval for the foreign equity.	NA
6	Copies of the BPSA/PPA with the beneficiaries, if any	NA
7	Detailed note giving reasons of cost and time over run, if applicable.	NA
	List of supporting documents to be submitted:	
	a. Detailed Project Report	
	b. CPM Analysis	
	c. PERT Chart and Bar Chart	
	d. Justification for cost and time Overrun	
8	Generating Company shall submit copy of Cost Audit Report along with cost accounting records, cost details, statements, schedules etc. for the Generating Unit wise /stage wise/Station wise/ and subsequently consolidated at Company level as submitted to the Govt. of India for first two years i.e. 2019-20 and 2020-21 at the time of mid-term true-up in 2021-22 and for balance period of tariff period 2019-24 at the time of final true-up in 2024-25. In case of initial tariff filing the latest available Cost Audit Report should be furnished.	✓
9	Any other relevant information, (Please specify)	NA
10	Reconciliation with Balance sheet of any actual additional capitalization and amongst stages of a generating station	✓
11	BBMB is maintaining the records as per the relevant applicable Acts. Formats specified herein may not be suitable to the available information with BBMB. BBMB may modify the formats suitably as per available information to them for submission of required information for tariff purpose.	NA

PART-I
FORM- 1

Summary of Tariff

Name of the Petitioner:	**NTPC Ltd.**
Name of the Generating Station:	**NCTPS St-II**
Place (Region/District/State):	**Northern Region /Gautam Budh Nagar / UP**

Amount in Rs. Lakhs

S. No.	Particulars	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8	9
1.1	Depreciation	Rs Lakh	25,190.66	25,123.91	25,199.56	25,221.14	25,323.87	11,159.02
1.2	Interest on Loan	Rs Lakh	12,953.02	10,943.51	8,098.52	5,501.65	3,678.13	2,520.43
1.3	Return on Equity	Rs Lakh	29,469.98	28,054.75	28,132.80	28,150.67	28,233.65	28,448.03
1.4	Interest on Working Capital	Rs Lakh	11,744.43	9,669.90	9,754.19	7,851.25	8,205.63	11,920.88
1.5	O&M Expenses	Rs Lakh	20,536.95	24,621.29	25,495.80	26,592.32	27,192.33	28,726.29
1.6	Special Allowance (If applicable)	Rs Lakh	0.00	0.00	0.00	0.00	0.00	0.00
	Total	Rs Lakh	**99895.04**	**98413.36**	**96680.88**	**93317.03**	**92633.62**	**82774.65**
2.1	Landed Fuel Cost (coal/gas/RLNG/ liquid) as per FSA	Rs/Ton		5138.02	5191.97	4529.07	4736.64	5501.47
	(%) of Fuel Quantity	(%)		100.0%	92%	100%	92%	88%
2.2	Landed Fuel Cost Imported Coal			NA				
	(%) of Fuel Quantity							
2.3	Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA	Rs/Ton						
	(%) of Fuel Quantity	(%)						
2.4	Landed Fuel Cost Imported Coal other than FSA.			NA	8301.10	NA	12554.61	19484.94
	(%) of Fuel Quantity				8.27%		7.52%	12.45%
2.5	Landed Fuel Cost Biomass			NA	7926.49	8,630.27	7,486.62	NA
	(%) of Fuel Quantity				0.003%	0.39%	0.10%	
2.6	Secondary fuel oil cost	Rs./kl	36475.400	46363.050	51192.472	42832.378	51294.021	79799.957
2A	Energy Charge Rate ex-bus (Paise/kWh) -Coal	Rs/Unit	2.794	3.390	3.744	3.088	3.267	4.479
2B	Energy Charge Rate ex-bus (Paise/kWh) -Oil	Rs/Unit	0.019	0.025	0.027	0.023	0.027	0.042
	Energy Charge Rate ex-bus (Paise/kWh) -Oil	Rs/Unit	2.813	3.415	3.771	3.111	3.294	4.522

(Petitioner)

PART-I
FORM- 1(I)

Name of the Petitioner:	**NTPC Ltd.**
Name of the Generating Station:	**NCTPS St-II**

Amount in Rs. Lakhs

Statement showing claimed capital cost – (A+B)

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	4,96,820.70	4,98,981.94	4,99,591.17	4,99,616.19	5,03,679.24
2	Add: Addition during the year/period	2,302.05	669.00	271.64	3,914.68	2,067.21
3	Less: De-capitalisation during the year/period	455.28	229.48	362.81	355.09	697.47
4	Less: Reversal during the year / period	-	-	-	-	-
5	Add: Discharges during the year/ period	314.48	169.72	116.20	503.46	3,586.53
6	Closing Capital Cost	498981.94	499591.17	499616.19	503679.24	508635.51
7	**Average Capital Cost**	**4,97,901.32**	**4,99,286.55**	**4,99,603.68**	**5,01,647.72**	**5,06,157.38**

Statement showing claimed capital cost eligible for RoE at normal rate (A)

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	496820.70	498981.94	499591.17	499616.19	501514.54
2	Add: Addition during the year / period	2302.05	669.00	271.64	1749.97	1859.82
3	Less: De-capitalisation during the year / period	455.28	229.48	362.81	355.09	697.47
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year / period	314.48	169.72	116.20	503.46	3413.63
6	Closing Capital Cost	498981.94	499591.17	499616.19	501514.54	506090.51
7	**Average Capital Cost**	**497901.32**	**499286.55**	**499603.68**	**500565.36**	**503802.52**

Statement showing claimed capital cost eligible for RoE at weighted average rate of interest(B)

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	0.00	0.00	0.00	0.00	2164.71
2	Add: Addition during the year / period	0.00	0.00	0.00	2164.71	207.39
3	Less: De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year / period	0.00	0.00	0.00	0.00	172.90
6	Closing Capital Cost	0.00	0.00	0.00	2164.71	2545.00
7	**Average Capital Cost**	**0.00**	**0.00**	**0.00**	**1082.35**	**2354.85**

(Petitioner)

PART-I
FORM- 1(IIA)

	Name of the Petitioner:	**NTPC Ltd.**
	Name of the Generating Station:	**NCTPS St-II**

Statement showing Return on Equity at Normal Rate

Amount in Rs. Lakhs

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
	Return on Equity					
1	Gross Opening Equity (Normal)	1,49,046.21	1,49,694.58	1,49,877.35	1,49,884.86	1,50,454.36
2	Less: Adjustment in Opening Equity	-				
3	Adjustment during the year		-	-	-	-
4	Net Opening Equity (Normal)	1,49,046.21	1,49,694.58	1,49,877.35	1,49,884.86	1,50,454.36
5	Add: Increase in equity due to addition during the year / period	690.61	200.70	81.49	524.99	557.94
7	Less: Decrease due to De-capitalisation during the year / period	136.59	68.84	108.84	106.53	209.24
8	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
9	Add: Increase due to discharges during the year / period	94.34	50.91	34.86	151.04	1024.09
10	Net closing Equity (Normal)	1,49,694.58	1,49,877.35	1,49,884.86	1,50,454.36	1,51,827.15
11	Average Equity (Normal)	1,49,370.40	1,49,785.97	1,49,881.11	1,50,169.61	1,51,140.76
12	Rate of ROE (%)	18.782	18.782	18.782	18.782	18.782
13	Total ROE	**28,054.75**	**28,132.80**	**28,150.67**	**28,204.86**	**28,387.26**

(Petitioner)

PART-I
FORM- 1(IIB)

	Name of the Petitioner:	**NTPC Ltd.**				
	Name of the Generating Station:	**NCTPS St-II**				

Statement showing Return on Equity at Weighted Average Rate of Interest

Amount in Rs. Lakhs

S. No.	**Particulars**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**2023-24**
1	**2**	**3**	**4**	**5**	**6**	**7**
	Return on Equity at Weighted Average Rate of Interest					
1	Gross Opening Equity (Normal)	0.00	0.00	0.00	0.00	649.41
2	Less: Adjustment in Opening Equity	0.00	0.00	0.00	0.00	0.00
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	0.00	0.00	0.00	0.00	649.41
5	Add: Increase in equity due to addition during the year / period	0.00	0.00	0.00	649.41	62.22
7	Less: Decrease due to De-capitalisation during the year / perio	0.00	0.00	0.00	0.00	0.00
8	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
9	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	51.87
10	Net closing Equity (Normal)	0.00	0.00	0.00	649.41	763.50
11	Average Equity (Normal)	0.00	0.00	0.00	324.71	706.46
12	Rate of ROE (%)	10.798	9.939	9.022	8.868	8.602
13	Total ROE	**0.00**	**0.00**	**0.00**	**28.79**	**60.77**

(Petitioner)

PART-I
FORM-2

Plant Characteristics

Name of the Petitioner	**NTPC Ltd.**	
Name of the Generating Station	**NCTPS St-II**	
	Unit-I	**Unit-II**
Unit(s)/Block(s)/Parameters		
Installed Capacity (MW)	490	490
Schedule COD as per Investment Approval	31.01.2010	31.07.2010
Actual COD /Date of Taken Over (as applicable)	31.01.2010	31.07.2010
Pit Head or Non Pit Head	Non Pit Head	
Name of the Boiler Manufacture	BHEL	
Name of Turbine Generator Manufacture	BHEL	
Main Steams Pressure at Turbine inlet (kg/Cm^2) abs[1].	170	170
Main Steam Temperature at Turbine inlet (^{o}C) [1]	537	537
Reheat Steam Pressure at Turbine inlet (kg/Cm$^{2)}$ [1]	39.73	39.73
Reheat Steam Temperature at Turbine inlet (^{o}C) [1]	565	565
Main Steam flow at Turbine inlet under MCR condition (tons /hr)[2]	1428.40	1428.40
Main Steam flow at Turbine inlet under VWO condition (tons /hr)[2]	1544.92	1544.92
Unit Gross electrical output under MCR /Rated condition (MW)[2]	490	490
Unit Gross electrical output under VWO condition (MW)[2]	525.06	525.06
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh)3	1936	1936
Conditions on which design turbine cycle heat rate guaranteed		
% MCR	90.4	90.4
% Makeup Water Consumption	0	0
Design Capacity of Make up Water System		
Design Capacity of Inlet Cooling System	2900 m3/hr	
Design Cooling Water Temperature (^{0}C)	33	33
Back Pressure	77 mm/Hg (a)	77 mm/Hg (a)
Steam flow at super heater outlet under BMCR condition (tons/hr)	1625	1625
Steam Pressure at super heater outlet under BMCR condition) (kg/Cm2)	178	178
Steam Temperature at super heater outlet under BMCR condition (0C)	540	540
Steam Temperature at Reheater outlet at BMCR condition (^{0}C)	568	568
Design / Guaranteed Boiler Efficiency (%) at 490 MW for Unit-5 & 6	85.34	85.34
Design Fuel with and without Blending of domestic/imported coal	Coal CV 3500	
Type of Cooling Tower	Natural Draft	
Type of cooling system[5]	Closed circuit, natural draft	
Type of Boiler Feed Pump[6]	Steam Turbine Driven	
Fuel Details[7]		
-Primary Fuel	Coal	
-Secondary Fuel	LDO	
-Alternate Fuels	NA	
Special Features/Site Specific Features[8]	Make up water from upper Ganga canal	
Special Technological Features[9]		
Environmental Regulation related features[10]	Electrostatic Precipitators	
Any other special features	FGD/ De Nox system is under Implementation.	

Petitioner

PART-I
FORM- 3

Normative parameters considered for tariff computations

Name of the Petitioner:	**NTPC Ltd.**
Name of the Generating Station:	**NCTPS St-II**

(Year Ending March)

Particulars	**Unit**	**Existing 2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**2023-24**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Base Rate of Return on Equity	%	15.50	15.50	15.50	15.50	15.50	15.50
Base Rate of Return on Equity on Add. Capitalization beyong original scope and excluding Change in Law	%	-	8.912	8.202	7.446	7.318	7.099
Effective Tax Rate	%	21.5488	17.4720	17.4720	17.4720	17.4720	17.4720
Target Availability	%	85.00	85.00				
In High Demand Season	%	-	-	85.00	85.00	85.00	85.00
Peak Hours	%	-	-	85.00	85.00	85.00	85.00
Off-Peak Hours	%	-	-	85.00	85.00	85.00	85.00
In Low Demand Season(Off-Peak)	%	-	-	85.00	85.00	85.00	85.00
Peak Hours	%	-	-	85.00	85.00	85.00	85.00
Off-Peak Hours	%	-	-	85.00	85.00	85.00	85.00
Auxiliary Energy Consumption	%	5.25	5.75	5.75	5.75	5.75	5.75
Gross Station Heat Rate	kCal/kWh	2378.42	2362.50	2362.50	2362.50	2362.50	2362.50
Specific Fuel Oil Consumption	ml/kWh	0.50	0.50	0.50	0.50	0.50	0.50
Cost of Coal/Lignite for WC1	in Days	60	50	50	50	50	50
Cost of Main Secondary Fuel Oil for WC1	in Months	2	2	2	2	2	2
Fuel Cost for WC2	in Months						
Liquid Fuel Stock for WC2	in Months						
O&M Expenses	Rs lakh/MW	20.43	22.51	23.3	24.12	24.97	25.84
Maintenance Spares for WC	% of O&M	20.00	20.00	20.00	20.00	20.00	20.00
Receivables for WC	in Days	60	45	45	45	45	45
Storage capacity of Primary fuel*	Lakh MT	7.03	7.03				
SBI 1 Year MCLR plus 350 basis point3	%	13.50	12.05	11.25	10.50	10.50	12.00
Blending ratio of domestic coal/imported coal							

*** Combined storage capacity of Dadri St-I and Dadri St-II.**

Petitioner

Part-I
FORM-3A
ADDITIONAL FORM

Calculation of O&M Expenses

Name of the Company :	**NTPC Ltd.**
Name of the Power Station :	**NCTPS St-II**

Amount in Rs. Lakhs

S.No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	**2**	**3**	**4**	**5**	**7**	**8**
1	**O&M expenses under Reg.35(1)**					
1a	Normative	22059.80	22834.00	23637.60	24470.60	25323.20
2	**O&M expenses under Reg.35(6)**					
2a	Water Charges	108.57	92.48	75.72	186.53	150.80
2b	Secutiry expenses	1576.89	1612.15	1632.36	1652.84	1738.29
2c	Capital Spares	876.03	957.17	1246.64	882.36	1514.00
3	O&M expenses-Ash Transportation	0.00	0.00	0.00	0.00	0.00
	Total O&M Expenses	**24621.29**	**25495.80**	**26592.32**	**27192.33**	**28726.29**

Petitioner

Form-4

DETAILS OF FOREIGN LOANS

(Details only in respect of loans applicable to the project under petition)

Name of the company **NTPC LIMITED**

Name of the Power Station

Exchange Rate as on	31-03-2019	USD = Rs.	69.77	EUR = Rs.	78.84	JPY = Rs.	0.6343
Exchange Rate as on	31-03-2020	USD = Rs.	76.06	EUR = Rs.	84.43	JPY = Rs.	0.7069
Exchange Rate as on	31-03-2021	USD = Rs.	74.06	EUR = Rs.	87.28	JPY = Rs.	0.6730
Exchange Rate as on	31-03-2022	USD = Rs.	76.33	EUR = Rs.	85.76	JPY = Rs.	0.6280
Exchange Rate as on	31-03-2023	USD = Rs.	82.74	EUR = Rs.	90.87	JPY = Rs.	0.6263
Exchange Rate as on	31-03-2024	USD = Rs.	83.95	EUR = Rs.	91.51	JPY = Rs.	0.5576

27.28% (Amount in Lacs)

Financial Year (Starting from COD)	**2019-20 (01.04.2019 to 31.03.2020)**			
1	**1**	**2**	**3**	**4**
NIB	Date	Amount (FC)	Ex. Rate	Amount (INR)
Currency 1 EURO	20-01-2019			
At the date of drawl	01-04-2019	187.04	78.84	14,746.22
Loan repayment upto previous period		166.26	78.84	13,107.75
Net loan at the Beginning of the period	01-04-2019	20.78	78.84	1,638.47
Schedule repayment date of principal	20-07-2019	2.83	76.85	217.86
Scheduled payment date of interest	20-07-2019	0.01	77.29	0.91
Witholding tax including surcharge on interest	20-07-2019		77.29	-
Schedule repayment date of principal	20-01-2020	2.83	77.45	219.54
Scheduled payment date of interest	20-01-2020	0.01	78.95	0.59
Witholding tax including surcharge on interest	20-01-2020		76.85	-
ERV	31-03-2020			-1,201.07
At the end of Financial year	31-03-2020	**15.11**	**0.00**	**-**
In Case of Hedging :				
At the date of hedging	04-02-2015 (@ Rs 70.80/ EUR)			
Period of Hedging	20.07.2015 to 20.01.2020(10 Million POS and Settlement 1 Million half yearly ba			
Cost of Hedging	6.8345% per annuam			

PART 1
FORM- 5

Abstract of Admitted Capital Cost for the existing Projects

Name of the Company :	**NTPC Ltd.**
Name of the Power Station :	**NCTPS St-II**

Last date of order of Commission for the project	**Date (DD-MM-YYYY)**	01-06-2022
Reference of petition no. in which the above order was passed	**Petition no.**	2/GT/2021

Following details (whether admitted and /or considered) as on the last date i.e **31.03.2024** of the period for which tariff is approved, in the above order by the Commission:

Capital cost	**(Rs. in lakh)**	549320.7
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		-
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)		6,742.48
Gross Normative Debt		384524.49
Cumulative Repayment		3,29,217.47
Net Normative Debt		55,307.02
Normative Equity		164796.21
Cumulative Depreciation		329503.83
Freehold land		7941.18

(Petitioner)

PART 1
FORM- 5A

Abstract of Claimed Capital Cost for the existing Projects

Name of the Company :	**NTPC Ltd.**
Name of the Power Station :	**NCTPS St-II**

Reference of Final True-up Tariff Petition	**Affidavit dated**	20-11-2024
Capital Cost as on 31.03.2024 as per Hon'ble Commission's Order dated 22.09.2022 in 489/GT/2020	**Rs. Lakhs**	5,49,320.70
Adjustment as per this petition		-40685.19

Following details as considered by the Petitioner as on the last date of the period **i.e 31.03.2024** for which final true-up tariff is claimed:

Capital cost	**(Rs. in lakh)***	508635.51
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)		2126.33
Gross Normative Debt		3,56,044.86
Cumulative Repayment		3,24,165.94
Net Normative Debt		31,878.92
Normative Equity		1,52,590.65
Cumulative Depreciation		3,24,452.30
Freehold land		7,941.18

(Petitioner)

Statement Giving Details of Project Financed through a Combination of loan
Form 8
TRANCHE NO

BP NO 5050000711	**T00001**	**D00001**
Unsecured Loan From Punjab National Bank-IV		
Source of Loan :	**Punjab National Bank-IV**	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	20,00,00,00,000	
Date of Drawl	01.01.2019	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.60%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	01.01.2019	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	14.02.2023	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	UNCHAHAR STPP IV	65,00,00,000.00
	TANDA-II	85,00,00,000.00
	NCTPP-II	36,43,00,000.00
	DADRI GAS R&M	56,00,00,000.00
	KORBA-III	15,00,00,000.00
	SIPAT-II	17,14,00,000.00
	FARAKKA-III	8,57,00,000.00
	KAHALGAON-II	17,14,00,000.00
	BARH-I	1,08,57,00,000.00
	BARH-II	8,00,00,000.00
	NORTH KARANPURA	1,09,00,00,000.00
	KOLDAM	6,43,00,000.00
	TAPOVAN VISHNUGAD	28,57,00,000.00
	PAKRI BARWADIH	1,42,00,00,000.00
	CHATTI BARIATU	10,00,00,000.00
	BONGAIGAON	36,43,00,000.00
	KUDGI	60,00,00,000.00
	LARA	1,23,00,00,000.00
	GADARWARA	2,27,72,00,000.00
	DARLIPALLI	2,73,00,00,000.00
	KHARGONE	50,00,00,000.00
	ANANTPUR SOLAR	17,00,00,000.00
	TALAIPALI COAL MINE	5,00,00,00,000.00
Total Allocated Amount		**20,00,00,00,000.00**

Statement Giving Details of Project Financed through a Combination of loan
Form 8
TRANCHE NO

BP NO 50500000541 **T00001** D00002

Unsecured Loan From ICICI-VI		
Source of Loan :	**ICICI-VI**	
Currency :	INR	
Amount of Loan :	30,00,00,00,000	
Total Drawn amount :	3,00,00,00,000	
Date of Drawal	25.09.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.60%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	25.09.2017	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	11.09.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	**Project Name**	**Amount**
	MOUDA-I	**7,15,00,000.00**
	PAKRI BARWADIH CMB	**82,71,00,000.00**
	TALAIPALI COAL MINE	**34,00,00,000.00**
	KORBA-III	**21,35,00,000.00**
	NCTPP-II	**16,01,00,000.00**
	RIHAND-III	**42,70,00,000.00**
	SIMHADRI-II	**48,04,00,000.00**
	VSTPP-IV	**48,04,00,000.00**
Total Allocated Amount		**3,00,00,00,000.00**

Statement Giving Details of Project Financed through a Combination of loan
Form 8
TRANCHE NO

BP NO 5050000442	**T00001**	**D00024**
Unsecured Loan From SBI-VIII		
Source of Loan :	**SBI-VIII**	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	11,50,00,00,000	
Date of Drawl	14.02.2017	
Interest Type :	Floating	
Fixed Interest Rate :	----------	
Base Rate, If Floating Interest	D00024- 8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	14.02.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	**Project Name**	**Amount**
	BARH-I	3,00,00,00,000
	BONGAIGAON	34,28,57,142
	FARAKKA III	14,28,57,141
	GADARWARA	2,50,00,00,000
	KOLDAM	92,85,71,427
	KORBA-III	2,85,71,428
	KUDGI	1,00,00,00,000
	MOUDA-I	40,71,42,856
	NCTPP-II	15,71,42,855
	NORTH KARANPURA	1,00,00,00,000
	RIHAND-III	32,14,28,570
	SIMHADRI-II	53,28,57,141
	SIPAT-I	21,42,85,711
	SIPAT-II	5,71,42,856
	TAPOVAN VISHNUGAD	50,00,00,000
	VINDHYACHAL IV	32,42,85,714
	PAKRI BARWADIH	4,28,57,159
Total Allocated Amount		**11,50,00,00,000**

Statement Giving Details of Project Financed through a Combination of loan
Form 8
TRANCHE NO

BP NO 5050000741	**T00001**	**D00002**
Unsecured Loan From SBI-XII		
Source of Loan :	**SBI-XII**	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	26,35,00,00,000	
Date of Drawal:	18.02.2019	
Interest Type :	Floating	
Fixed Interest Rate :	----------	
Base Rate, If Floating Interest	8.35%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	18.02.2019	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2026	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	**Project Name**	**Amount**
	BARH-I	90,00,00,000.00
	FARAKKA-III	24,50,00,000.00
	GADARWARA	90,00,00,000.00
	KORBA-III	25,00,00,000.00
	LARA	1,00,00,00,000.00
	MOUDA-I	21,00,00,000.00
	MOUDA-II	2,25,00,00,000.00
	NCTPP-II	63,50,00,000.00
	NORTH KARANPURA	10,40,00,00,000.00
	PAKRI BARWADIH CMB	1,20,00,00,000.00
	SIMHADRI-II	21,00,00,000.00
	SOLAPUR	2,40,00,00,000.00
	TELANGANA	75,00,00,000.00
	KUDGI	2,00,00,00,000.00
	BARH-I	50,00,00,000.00
	NORTH KARANPURA	80,00,00,000
	TAPOVAN VISHNUGARH	20,00,00,000
	TELANGANA	1,50,00,00,000
Total Allocated Amount		**26,35,00,00,000.00**

Statement Giving Details of Project Financed through a Combination of loan
Form 8
TRANCHE NO

BP NO 5070000011 **T00001** **D00019**

Unsecured Loan From PFC-V		
Source of Loan :	**PFC-V**	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	3,50,00,00,000	
Date of Drawl	0	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	8.35%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KORBA-III	25,00,00,000.00
	KOLDAM	1,00,00,00,000.00
	NCTPP-DADRI-II	25,00,00,000.00
	SIMHADRI-II	50,00,00,000.00
	BONGAIGAON	50,00,00,000.00
	RIHAND-III	50,00,00,000.00
	SIPAT-I	50,00,00,000.00
Total Allocated Amount		**3,50,00,00,000.00**

Statement Giving Details of Project Financed through a Combination of loan
Form 8
TRANCHE NO

BP NO 5070000011	**T00001**	**D00020**
Unsecured Loan From PFC-V		
Source of Loan :	**PFC-V**	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	3,00,00,00,000	
Date of Drawl	0	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	8.40%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	FARAKKA-III	20,00,00,000.00
	NCTPP-DADRI-II	20,00,00,000.00
	BONGAIGAON	20,00,00,000.00
	BARH-II	60,00,00,000.00
	MAUDA	1,00,00,00,000.00
	VINDHYANCHAL-IV	50,00,00,000.00
	RIHAND-III	10,00,00,000.00
	SIPAT-I	20,00,00,000.00
Total Allocated Amount		**3,00,00,00,000.00**

Statement Giving Details of Project Financed through a Combination of loan
Form 8
TRANCHE NO

BP NO 5070000011 **T00001** **D00022**

Unsecured Loan From PFC-V		
Source of Loan :	**PFC-V**	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	4,00,00,00,000	
Date of Drawl	0	
Interest Type :	Fixed with Reset after every 3 Years	
Rate of Interest as on 01.04.2019	7.62%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KAHALGAON II	20,00,00,000.00
	KOLDAM	10,00,00,000.00
	FARAKKA III	25,00,00,000.00
	NCTPP-DADRI-II	10,00,00,000.00
	SIMHADRI-II	10,00,00,000.00
	BONGAIGAON	20,00,00,000.00
	BARH-II	55,00,00,000.00
	MAUDA	40,00,00,000.00
	VINDHYACHAL IV	20,00,00,000.00
	RIHAND-III	35,00,00,000.00
	TALCHER-II	30,00,00,000.00
	RIHAND-II	15,00,00,000.00
	VINDHYACHAL III	50,00,00,000.00
	UNCHAHAR-III	20,00,00,000.00
	PAKRI BARWADIH	40,00,00,000.00
Total Allocated Amount		**4,00,00,00,000.00**

Statement Giving Details of Project Financed through a Combination of loan
Form 8
TRANCHE NO

BP NO 5070000011	**T00001**	**D00023**
Unsecured Loan From PFC-V		
Source of Loan :	**PFC-V**	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	3,50,00,00,000	
Date of Drawl	0	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	7.43%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-II	25,00,00,000.00
	MAUDA-I	25,00,00,000.00
	SIMHADRI-II	10,00,00,000.00
	VINDHYACHAL IV	25,00,00,000.00
	RIHAND-III	50,00,00,000.00
	BARH-I	1,00,00,00,000.00
	KOLDAM	10,00,00,000.00
	KORBA-III	25,00,00,000.00
	FARAKKA III	15,00,00,000.00
	NCTPP-DADRI-II	10,00,00,000.00
	TAPOVAN VISHNUGARH	15,00,00,000.00
	BONGAIGAON	40,00,00,000.00
Total Allocated Amount		**3,50,00,00,000.00**

Statement Giving Details of Project Financed through a Combination of loan
Form 8
TRANCHE NO

BP NO 5050000721 **T00001** **D00001**

Source of Loan :	**Corporation Bank-IV**	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	20,00,00,00,000	
Date of Drawal:	11.01.2019	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	8.25%	
Base Rate, If Floating Interest	-	
Loan Refinancing spread	0.1333%	
Margin, If Floating Interest :	-	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	11.01.2019	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	11-Jan-23	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	SINGRAULI 8MW HYDRO	8,75,00,000
	FARIDABAD SOLAR PV	8,75,00,000
	SINGRAULI SOLAR	8,75,00,000
	FARAKKA III	11,42,85,716
	RAJGARH SOLAR	13,12,50,000
	NCTPP-II	14,28,57,139
	GANDHAR R&M	16,60,71,436
	SIMHADRI-II	23,21,42,855
	SIPAT-I	23,43,75,000
	MOUDA-II	50,00,00,000
	VINDHYACHAL-V	1,00,00,00,000
	SIPAT-II	1,01,07,14,287
	MOUDA-I	1,05,44,64,284
	RIHAND-III	1,22,85,71,426
	VINDHYACHAL-IV	2,45,00,00,000
	KOLDAM	2,71,51,78,577
	BARH-II	6,75,75,89,280
	KUDGI	2,00,00,00,000
Total Allocated Amount		**20,00,00,00,000**

Statement Giving Details of Project Financed through a Combination of loan
Form 8
TRANCHE NO

BP NO 5050000009 & 231	**T00001**	**D00004**
Unsecured Loan From HDFC Bank Ltd.-II		
Source of Loan :	**HDFC Bank Ltd.-II**	
Currency :	INR	
Amount of Loan :	10,00,00,00,000	
Total Drawn amount :	1,00,00,00,000	
Date of drawl	27.01.2011	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00004=8.45%	
Margin, If Floating Interest :	D00004=	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	26.10.2010	
Repayment Period (Inc Moratorium) :	10 Years	
Repayment Frequency :	14 Half Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	26.04.2014	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KAHALGAON II	15,00,00,000
	NCTPP-DADRI-II	40,00,00,000
	TAPOVAN VISHNUGARH	10,00,00,000
	BONGAIGAON	35,00,00,000
Total Allocated Amount		**1,00,00,00,000**

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5090000192 T00001

Unsecured Loan From Bank of Syndicate Bank -II		
Source of Loan	Syndicate Bank - II	
Currency	INR	
Amount of Loan	5,00,00,00,000	
Total Drawn amount	1,65,00,00,000	
Interest Type	Floating	
Fixed Interest Rate		
Base Rate, If Floating Interest	D00001-12.50%/D00002-12.50%	
Margin, If Floating Interest	D00001-02 = -1%	
Are there any Capsl Floor	Y/N	
Frequency of Int. Payment	MONTHLY	
If Above is yes, specify Capsl Floor		
Moratorium Period	3 Years	
Moratorium effective from	31.03.2013	
Repayment Period (ex Moratorium)	10 Years	
Repayment Frequency	14 Half Yearly installment	
Repayment Type	AVG	
First Repayment Date	30.09.2013	
Base Exchange Rate	RUPEE	
Date of Base Exchange Rate	N.A	
Project Code	Project Name	Amount
	VINDHYACHAL-IV	10,00,00,000.00
	NCTPP-DADRI-II	1,30,00,00,000.00
	SIMHADRI-II	25,00,00,000.00
Total Allocated Amount		1,65,00,00,000.00

56

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 8050000142 T00001 D00001

Unsecured Loan From Central Bank of India - IV		
Source of Loan :	Central Bank of India - IV	
Currency :	INR	
Amount of Loan :	5,00,00,00,000	
Total Drawn amount :	10,00,00,000	
Date of Drawl	30.06.2008	
Interest Type :	Floating	
Rate of Interest as on 01.04.2014	10.25%	
Margin, if Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	30.06.2008	
Repayment Period (no Moratorium) :	10 Years	
Repayment Frequency :	14 Half Yearly	
Repayment Type :	Avg	
First Repayment Date :	29.12.2012	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NCTPP-II	10,00,00,000
Total Allocated Amount		10,00,00,000

Year wise Prepayment of Loans								
Sr. No.	Bank	ROI on prepayment date	Date of Prepayment	Replaced with Bank	ROI of relplaced Loan	Prepayment Amount	Saving	Saving shared
Prepayment of Loans in 2016-17								
1	Oriental Bank of Co	8.60%	14-Feb-17	SBI VIII	8.00%	57143141.00	0.60%	0.2000%
2	Punjab & Sind Ban	9.60%	14-Feb-17	SBI VIII	8.00%	475714000.00	1.60%	0.5333%
3	Bank of Maharasht	8.70%	28-Mar-17	Karnataka Bank Li	7.70%	271428570.00	1.00%	0.3333%
4	Bank of Maharastra	8.70%	28-Mar-17	J&K bank Iv	7.85%	468750000.00	0.85%	0.2833%
Prepayment of Loans during 2018-19								
1	ICICI	8.60%	11-Jan-19	Corporation Bank	8.20%	232142855.00	0.40%	0.133%
2	ICICI	8.60%	15-Jan-19	Bonds 67th series	7.40%	480400000.00	1.20%	0.400%
3	IDFC Bank I to IV	8.65%	18-Feb-19	SBI-XII	8.35%	210000000.00	0.30%	0.100%
						922542855.00		

Form 8- Domestic Bonds- Details of Allocation of corporate loans to various projects			
Particulars	***XXII 8.1771%***	***XXIV 8.6077%***	***XXVII 11.25%***
Series	**22**	**24**	**27**
Source of Loan1	BONDS	BONDS	BONDS
Currency2	INR	INR	INR
Amount of Loan sanctioned	**50000**	**50000**	**35000**
Interest Type6	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	8.1771%	8.6077%	11.250%
Base Rate, if Floating Interest7	N/A	N/A	N/A
Margin, if Floating Interest8	N/A	N/A	N/A
Are there any Caps/Floor9	No	No	No
If above is yes,specify caps/floor			
Moratorium Period10	4.5 yrs *	4.5 yrs *	11 yrs
Moratorium effective from #	02.01.07	09.03.2007	06.11.2008
Repayment Period11	9.5 yrs	9.5 yrs	5 yrs
Repayment effective from	02.07.11	09.09.11	06.11.19
Repayment Frequency12	Half Yearly	Half Yearly	Yearly
Repayment Instalment13,14	2500	2500	7000
Base Exchange Rate16			
Door to Door Maturity	14 yrs	14 yrs	15 yrs
Name of the Projects			
NCTPP II	500	4,000	22,500

Form 8- Domestic Bonds- Details of Allocation of corporate loans to various projects			
Particulars	***XXX 7.89%***	***XXXIII 8.73%***	***XXXIV 8.71%***
Series	**30**	**33**	**34**
Source of Loan1	BONDS	BONDS	BONDS
Currency2	INR	INR	INR
Amount of Loan sanctioned	**70000**	**19500**	**15000**
Interest Type6	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	7.890%	8.73%	8.71%
Base Rate, if Floating Interest7	N/A	N/A	N/A
Margin, if Floating Interest8	N/A	N/A	N/A
Are there any Caps/Floor9	No	No	No
If above is yes,specify caps/floor			
Moratorium Period10	10 yrs	10 yrs	6 yrs
Moratorium effective from #	05.05.09	31.03.10	10.06.2010
Repayment Period11	Bullet Repayment	Bullet Repayment	14 yrs
Repayment effective from	05.05.19	31.03.20	10.06.16
Repayment Frequency12	Bullet Repayment	Bullet Repayment	Yearly
Repayment Instalment13,14	70000	19500	1000
Base Exchange Rate16			
Door to Door Maturity	10 yrs	10 yrs	20 yrs
Name of the Projects			
NCTPP II	20,000	1,700	500

Form 8- Domestic Bonds- Details of Allocation of corporate loans to various projects			
Particulars	***XXXV 8.785%***	***XXXVIII 9.17%***	***54***
Series	**35**	**38**	**54**
Source of Loan1	BONDS	BONDS	BONDS
Currency2	INR	INR	INR
Amount of Loan sanctioned	**12000**	**7500**	**1030683**
Interest Type6	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	8.785%	9.17%	8.49%
Base Rate, if Floating Interest7	N/A	N/A	N/A
Margin, if Floating Interest8	N/A	N/A	N/A
Are there any Caps/Floor9	No	No	No
If above is yes,specify caps/floor			N/A
Moratorium Period10	6 yrs	6 yrs	8
Moratorium effective from #	15.09.10	22.03.11	25-03-2015
Repayment Period11	14 yrs	14 yrs	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025
Repayment effective from	15.09.16	22.03.2017	25-03-2023
Repayment Frequency12	Yearly	Yearly	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025
Repayment Instalment13,14	800	500	Installments 1st - 206,136.61 2nd - 412,273.22 3rd - 412,273.22
Base Exchange Rate16			N/A
Door to Door Maturity	20 yrs	20 yrs	10
Name of the Projects			
NCTPP II	1,500	3,300	11,000

Form 8- Domestic Bonds- Details of Allocation of corporate loans to various projects			
Particulars	***57***	***67***	**72**
Series	**57**	**67**	**72**
Source of Loan1	BONDS	BONDS	BONDS
Currency2	INR	INR	INR
Amount of Loan sanctioned	**50000**	**400000**	4,00,000
Interest Type6	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	8.19%	8.30%	5.45%
Base Rate, if Floating Interest7	N/A	N/A	N/A
Margin, if Floating Interest8	N/A	N/A	N/A
Are there any Caps/Floor9	No	No	No
If above is yes,specify caps/floor	N/A	N/A	N/A
Moratorium Period10	10	10	5
Moratorium effective from #	15-12-2015	15-01-2019	15-10-2020
Repayment Period11	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment effective from	15-12-2025	15-01-2029	15-10-2025
Repayment Frequency12	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment Instalment13,14	50000	400000	4,00,000
Base Exchange Rate16	N/A	N/A	N/A
Door to Door Maturity	10	10	5
Name of the Projects			
NCTPP II	500	1,601	31,733.33

NCTPP-II

(Rs Lakhs)

Year wise Prepayment of Loans

Sr. No.	Bank	ROI on prepayment date	Date of Prepayment	Replaced with Bank	ROI of relplaced Loan	Prepayment Amount	Benefit(%)	Benefit(%) retained with NTPC
Prepayment of Loans in 2020-2021								
1	PFC-V	7.44%	15-Oct-20	BOND-72	5.45%	1,927	1.99%	1.00%
2	PFC-V	7.68%	15-Oct-20	BOND-72	5.45%	1,927	2.23%	1.12%
3	PFC-V	8.25%	15-Oct-20	BOND-72	5.45%	5,729	2.80%	1.40%
					Total	9,583		

	Bank Loan	Interest Rate	Applicable from	Applicable upto	Number of Days	Product	Weighted Average Rate of Interest
1	**Central Bank of India-IV**	8.2500%	01-Apr-19	01-May-19	30.00	2.48	8.2169%
		8.2000%	01-May-19	28-Jun-19	59.00	4.84	
					89.00	7.31	8.2169%
2	**Syndicate Bank-II**	8.4500%	01-Apr-19	17-06-2019	77.00	6.51	8.1036%
		8.5000%	17-Jun-19	06-08-2019	50.00	4.25	
		8.2500%	06-Aug-19	06-09-2019	31.00	2.56	
		8.0000%	06-Sep-19	06-01-2020	122.00	9.76	
		7.8000%	06-Jan-20	06-02-2020	31.00	2.42	
		7.6000%	06-Feb-20	06-03-2020	29.00	2.20	
		7.5500%	06-Mar-20	31-Mar-20	26.00	1.96	
					366.00	29.66	8.1036%
	2020-21	7.550%	01-Apr-20	05-Apr-20	5.00	0.38	7.5130%
		7.650%	06-Apr-20	05-May-20	30.00	2.30	
		7.500%	06-May-20	31-Mar-21	330.00	24.75	
					365.00	27.42	
3	**HDFC Bank Limited-II**	8.450%	01-Apr-19	01-07-2019	91.00	7.69	8.0594%
		8.400%	01-Jul-19	29-07-2019	28.00	2.35	
		8.300%	29-Jul-19	29-08-2019	31.00	2.57	
		8.200%	29-Aug-19	29-09-2019	31.00	2.54	
		8.100%	29-Sep-19	29-10-2019	30.00	2.43	
		8.000%	29-Oct-19	01-12-2019	33.00	2.64	
		7.650%	01-Dec-19	01-03-2020	91.00	6.96	
		7.450%	01-Mar-20	31-Mar-20	31.00	2.31	
					366.00	29.50	8.0594%
	2020-21	7.450%	01-Apr-20	31-May-20	61.00	4.54	6.3982%
		6.300%	01-Jun-20	23-Dec-20	206.00	12.98	
		5.950%	24-Dec-20	31-Mar-21	98.00	5.83	
					365.00	23.35	
4	**State Bank of India - VIII**	8.2500%	01-Apr-19	14-05-2019	43.00	3.55	7.9342%
		8.1500%	14-May-19	14-08-2019	92.00	7.50	
		7.9500%	14-Aug-19	14-11-2019	92.00	7.31	
		7.7000%	14-Nov-19	14-02-2020	92.00	7.08	
		7.6500%	14-Feb-20	31-Mar-20	47.00	3.60	
					366.00	29.04	7.9342%
	2020-21	7.650%	01-Apr-20	13-May-20	43.00	3.29	6.8560%
		7.000%	14-May-20	13-Aug-20	92.00	6.44	
		6.650%	14-Aug-20	31-Mar-21	230.00	15.30	
					365.00	25.02	
	2021-22	6.65%	01-04-2021	31-03-2022	365	24.27	6.65%
	2022-23	6.65%	01-04-2022	13-05-2022	43.00	2.86	
		6.75%	14-05-2022	13-08-2022	92.00	6.21	
		7.15%	14-08-2022	13-11-2022	92.00	6.58	
		7.60%	14-11-2022	13-02-2023	92.00	6.99	
		8.00%	14-02-2023	31-03-2023	46.00	3.68	
					365.00	26.32	7.2108%
	2023-24	8.00%	01-Apr-23	13-May-23	43.00	3.44	
		8.10%	14-May-23	13-Aug-23	92.00	7.45	
		8.15%	14-Aug-23	13-Feb-24	184.00	15.00	
		8.20%	14-Feb-24	31-Mar-24	47.00	3.85	
					366.00	**29.74**	**8.13%**
5	**State Bank of India - XII**	8.3500%	01-Apr-19	11-05-2019	40.00	3.34	8.0168%

		8.2500%	11-May-19	11-08-2019	92.00	7.59	
		8.0500%	11-Aug-19	11-11-2019	92.00	7.41	
		7.8000%	11-Nov-19	11-01-2020	61.00	4.76	
		7.7500%	11-Jan-20	01-02-2020	21.00	1.63	
		7.7000%	01-Feb-20	31-Mar-20	60.00	4.62	
					366.00	29.34	8.0168%
	2020-21	7.700%	01-Apr-20	10-Apr-20	10.00	0.77	6.8034%
		7.150%	11-Apr-20	10-Jul-20	91.00	6.51	
		6.650%	11-Jul-20	31-Mar-21	264.00	17.56	
					365.00	24.83	
	2021-22	6.65%	01-04-2021	31-03-2022	365	24.27	6.65%
	2022-23	6.65%	01-04-2022	10-07-2022	101.00	6.72	
		7.05%	11-07-2022	10-10-2022	92.00	6.49	
		7.35%	11-10-2022	10-01-2023	92.00	6.76	
		8.00%	11-01-2023	31-03-2023	80.00	6.40	
					365.00	26.36	7.2232%
	2023-24	8.00%	01-Apr-23	10-Apr-23	10.00	0.80	
		8.10%	11-Apr-23	10-Oct-23	183.00	14.82	
		8.15%	11-Oct-23	10-Jan-24	92.00	7.50	
		8.20%	11-Jan-24	31-Mar-24	81.00	6.64	
					366.00	**29.76**	**8.13%**
6	**Punjab National Bank III**	8.3000%	01-Apr-19	04-05-2019	33.00	2.74	8.0102%
		8.2000%	04-May-19	04-08-2019	92.00	7.54	
		8.0500%	04-Aug-19	01-10-2019	58.00	4.67	
		8.0500%	01-Oct-19	04-11-2019	34.00	2.74	
		7.9000%	04-Nov-19	04-02-2020	92.00	7.27	
		7.6500%	04-Feb-20	31-Mar-20	57.00	4.36	
					366.00	29.32	8.0102%
	2020-21	7.650%	01-Apr-20	03-May-20	33.00	2.52	6.8567%
		7.200%	04-May-20	03-Jun-20	31.00	2.23	
		7.050%	04-Jun-20	03-Aug-20	61.00	4.30	
		6.800%	04-Aug-20	03-Nov-20	92.00	6.26	
		6.700%	04-Nov-20	20-Dec-20	47.00	3.15	
		6.500%	21-Dec-20	31-Mar-21	101.00	6.57	
					365.00	25.03	
	2021-22	6.20%	01-04-2021	20-09-2021	173	10.73	5.99%
		5.80%	21-09-2021	31-03-2022	192	11.14	
	2022-23	5.80%	01-04-2022	20-06-2022	81.00	4.70	
		6.70%	21-06-2022	31-08-2022	72.00	4.82	
		7.20%	01-09-2022	30-09-2022	30.00	2.16	
		7.70%	01-10-2022	31-12-2022	92.00	7.08	
		8.05%	01-01-2023	28-02-2023	59.00	4.75	
		8.30%	01-03-2023	31-03-2023	31.00	2.57	
					365.00	26.09	7.1475%
	2023-24	7.90%	01-Apr-23	31-Mar-24	366.00	28.91	
					366.00	**28.91**	**7.90%**
7	**Corporation Bank-IV**	8.2500%	01-Apr-19	11-04-2019	10.00	0.83	8.0556%
		8.2000%	11-Apr-19	11-10-2019	183.00	15.01	
		8.0500%	11-Oct-19	11-11-2019	31.00	2.50	
		8.0000%	11-Nov-19	11-01-2020	61.00	4.88	
		7.8500%	11-Jan-20	11-02-2020	31.00	2.43	
		7.7500%	11-Feb-20	11-03-2020	29.00	2.25	
		7.6000%	11-Mar-20	31-Mar-20	21.00	1.60	
					366.00	29.48	8.0556%

	2020-21	7.600%	01-Apr-20	10-Apr-20	10.00	0.76	6.6705%
		7.350%	11-Apr-20	10-May-20	30.00	2.21	
		7.250%	11-May-20	10-Jun-20	31.00	2.25	
		7.150%	11-Jun-20	10-Jul-20	30.00	2.15	
		6.950%	11-Jul-20	10-Aug-20	31.00	2.15	
		6.800%	11-Aug-20	10-Sep-20	31.00	2.11	
		6.750%	11-Sep-20	30-Nov-20	81.00	5.47	
		6.000%	01-Dec-20	31-Mar-21	121.00	7.26	
					365.00	24.35	
	2021-22	6.00%	01-04-2021	31-03-2022	365	21.90	6.00%
	2022-23	6.00%	01-04-2022	10-05-2022	40.00	2.40	
		6.40%	11-05-2022	10-06-2022	31.00	1.98	
		6.90%	11-06-2022	10-08-2022	61.00	4.21	
		7.40%	11-08-2022	10-10-2022	61.00	4.51	
		7.90%	11-10-2022	10-12-2022	61.00	4.82	
		8.25%	11-12-2022	29-12-2022	19.00	1.57	
		7.50%	30-12-2022	10-01-2023	12.00	0.90	
		7.65%	11-01-2023	10-02-2023	31.00	2.37	
		7.90%	11-02-2023	31-03-2023	49.00	3.87	
					365.00	26.64	7.2975%
	2023-24	7.90%	01-Apr-23	10-Jan-24	285.00	22.52	
		8.10%	11-Jan-24	31-Mar-24	81.00	6.56	
					366.00	**29.08**	**7.94%**

PFC 2019-20

31-12-2010	10112001	Power Finance C	10,00,00,000	NCTPP-II	7.4300%
17-03-2011	10112001	Power Finance C	40,00,00,000	NCTPP-II	7.670%
28-03-2011	10112001	Power Finance C	1,80,00,00,000	NCTPP-II	7.7500%
24-09-2011	10112001	Power Finance C	37,00,00,000	NCTPP-II	7.4400%
15-12-2011	10112001	Power Finance C	37,00,00,000	NCTPP-II	7.6800%
27-03-2012	10112001	Power Finance C	1,10,00,00,000	NCTPP-II	8.2500%

PFC 2020-21

28-03-2011	10112001	NCTPP-II	1,80,00,00,000	NCTPP-II	7.7500%
24-09-2011	10112001	NCTPP-II	37,00,00,000	NCTPP-II	7.4400%
15-12-2011	10112001	NCTPP-II	37,00,00,000	NCTPP-II	7.6800%
27-03-2012	10112001	NCTPP-II	1,10,00,00,000	NCTPP-II	8.2500%

Name of the Power Station .rious

Particulars								
Source of Loan	NIB							
Drawal	I	II	III	IV	V	VI	VII	TOTAL
Currency	EURO							
Amount of loan sanctioned								6,85,63,000
Amount of Gross Loan drawn upto 31.12.2010 / COD	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	85,63,000	6,85,63,000
Interest Type	Floating							
Fixed Interest Rate, if applicable								
Base Rate, if floating interest	6 M EURIBOR							
Margin, if floating interest rate	0.650%							
Are there any Caps / Floor	NO							
If above is Yes, specify Caps / Floor	-							
Moratorium Period	3.5 Years							
Moratorium effective from	15-Feb-2008							
Repayment period	8.5 Year							
Repayment effective from	20-Jul-2011							
Repayment frequency	Semi Annual							
Repayment Installment	18 Semi Annual Equal Instalments							
Base Exchange Rate (31.03.2014)	60.61							
Are foreign currency loan hedged	NO							
If above is Yes, specify details	-							
Name of the Projects								
Kahalgaon-II								
Koldam								
Sipat II								
VSTPP III								
FGUTPP III								
Sipat I								
Barh								
Korba-III								
Anta - R&M	81.68%	32.53%	59.08%	1.20%	19.10%	42.90%		34.52%
Sipat I	17.16%	64.42%	40.92%	98.80%	21.96%	18.61%		38.20%
Dadri - II	0.94%	3.05%			58.93%	38.48%	100.00%	27.28%

Notes:-

a) Base exchange rate are the SBI Bill selling rate as on 31.03.2014

b) Distribution of loan package to various projects is based on utilisation of loan as on 31.03.2014

c) Interest on NIB Loan are exempt from Withholding Tax.

PART-I
FORM- 9A
Additional Form

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2019-24 (Summary)**

Amount in Rs Lakh

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)					Regulations under which claimed and Justification	Admitted Cost by the Commission, if any
		2019-20	**2020-21**	**2021-22**	**2022-23**	**2023-24**		
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
A.	**Works under Original scope, Change in Law etc. eligble for RoE at Normal Rate**							
	Items Claimed							
1	Zero Discharge System	462.82	12.04	4.26	3.33			
2	400 KV Class Bus Sectionaliser	334.26	319.52		8.51			
3	Installation of Reactor for grid support through reactive energy compensation	628.17						
4	LED Electrification in Station	157.26	16.88	17.80	32.78			
5	Implementaion of Flexible operation	446.97				313.87		
6	VIDEO MANAGEMENT SOFTWARE FOR CCTV		12.13					
8	VFD for CEP				303.34	213.25	Please refer respective financial Year for Justification and Regulations under which claimed	
9	Circuit Breaker SF6 400KV 3150A				72.47			
10	Real time water measurement equipment				12.67			
11	AGC System				10.93			
12	HMI of M/s BHEL with Cyber Security Features					624.38		
13	Solar Panel installed on CW Channel					162.21		
14	Original Packages (Adjustment)	-21.90	29.17	70.11	967.07	189.55		
15	Subtotal	2,007.58	389.74	92.17	1,411.09	1,503.28		
16	Decapitalisation:Part of Capital Cost	-455.28	-229.48	-362.81	-355.09	-697.47		
17	Capitalisation of MBOA	294.46	279.26	179.47	338.88	356.54		
18	Discharge of Liability	314.48	169.72	116.20	503.46	3,413.63		-
	Total (A)	**2,161.24**	**609.24**	**25.02**	**1,898.34**	**4,575.97**		-
B.	**Works beyond Original scope exluding add-cap due to Change in Law eligble for RoE at Wtd. Average rate of Interest**							
	Items Claimed							
1	Integrated Security System				2,164.71	207.39	Please refer respective financial Year for Justification and Regulations under which claimed	2,500.00
2	Discharge of Liability				-	172.90		
	Total (B)	**-**	**-**	**-**	**2,164.71**	**380.29**		2,500.00
Total Add. Cap. Claimed (A+B)		**2,161.24**	**609.24**	**25.02**	**4,063.05**	**4,956.27**		2,500.00

(Petitioner)

										PART-I
										FORM- 9A
										Amount in Rs

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	NCTPS St-II
Station COD	31-07-2010
For Financial Year	2019-20

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
A	Claimed Items									
A1	Zero Discharge System	478.24	0.06	478.30	15.48	462.82	-	26(1)(b)	Water is a critical resource in thermal power generation, primarily used for process cooling, ash disposal, and heat removal in auxiliary systems. Raw water is typically sourced from rivers, lakes, or reservoirs. In 2012, the Central Electricity Authority (CEA) published the report "Minimisation of Water Requirement in Coal-Based Thermal Power Stations," (**attached as Annexure-A1**) emphasizing the need to reduce water consumption in power plants and minimize effluent discharge. Subsequently, on 7th December 2015, the Ministry of Environment, Forests, and Climate Change (MoEFCC) introduced regulations (**attached as Annexure-A2**) governing water usage in thermal power plants (TPPs) across India. These regulations require that existing plants with cooling towers limit their specific water consumption to a maximum of 3.5 m³/MWh. In compliance with CEA recommendations and MoEFCC notification, the proposed capitalization for the implementation of a Zero Liquid Discharge (ZLD) system at this station has been undertaken. Traditionally, treated sewage and plant effluent are discharged into drains that eventually flow into natural water bodies. The ZLD system, however, ensures that all domestic and industrial wastewater is treated and fully reused within the plant premises, eliminating any external discharge.Furthermore, in the ZLD system, separating stormwater from process water improves the efficiency of the sewage treatment plant (STP) and effluent treatment plant (ETP) by reducing their operational load. Further, Hon'ble Commission has allowed additional capital expenditure incurred on implementation of ZLD in Petition No-396/GT/2020 vide its order dated 27.09.2022 in Bhilai Expansion Power Plant (500 MW). This approach significantly reduces water consumption, in line with the CEA recommendations and MoEFCC mandates. In view of these efforts, the Hon'ble Commission is respectfully requested to approve the proposed capitalization under Regulation 26(1)(b).	

										PART-I
										FORM- 9A
										Amount in Rs
Name of the Petitioner						**NTPC Ltd.**				
Name of the Generating Station						**NCTPS St-II**				
Station COD						**31-07-2010**				
For Financial Year						**2019-20**				
Sl. No.	**Head of Work /Equipment**	**ACE Claimed (Actual)**						**Regulations under which claimed**	**Justification**	**Admitted Cost by the Commission, if any**
		Accrual basis as per Note 2	**Ind AS Adj.**	**Accrual Basis as per IGAAP**	**Un-discharged Liability included in col. 3**	**Cash basis**	**IDC included in col. 3**			
1	**2**	**3**	**3A**	**3B = 3+3A**	**4**	**5= (3B-4)**	**6**	**7**	**8**	**9**
A2	400 KV Class Bus Sectionaliser	354.23	-	354.23	19.98	334.26	-	26(1)(b)	It is submitted that uring development of Associated Transmission System (ATS) for NCTPS-II, Dadri, the fault level studies were carried out by PGCIL and bus splitting at Dadri 400 KV switchyard were considered in order to contain the fault level within the design limit of existing system (40 KA). The ATS for NCTPS-II, Dadri were finalized in 26th NR Standing Committee Meeting (SCM) held in Oct, 2008 (**MOM enclosed at Annexure-A3**) with Dadri 400 KV bus splitting along with Dadri-Loni Road 400 KV D/C transmission line.As per this NR SCM, for power evacuation reliability/ redundancy of each of the splitted bus section, the splitting of 400 KV Dadri buses were considered to be undertaken after availability of Dadri-Loni Road 400 KV D/C transmission line. Subsequently, in the 30th SCM held on 19.12.2011 (**MoM enclosed at Annexure-A4**), in order to provide additional operation flexibility in case power evacuation constraints are faced in either side of splitted section, suitable bus sectionalizer arrangement between the two splitted bus/ systems were considered for various substations around Delhi including NCTPS-II, Dadri switchyard.It is further submitted that the project work was initially planned for implementation from year 2017-18, as projected in Petition No. 324-GT-2014. The Hon'ble Commission has already approved the same in period 2014-19; however, the work envisaged in phasewise manner in view of grid security could not be not be completed dring 2017-18 period and was completed during the 2019-24 period. In view of above, the Hon'ble Commission may be pleased to allow the same under 26(1)(b).	
A3	Installation of Reactor for grid support through reactive energy compensation	628.17	-	628.17	-	628.17	-	26(1)(b)	As per the Indian Electricity Grid Code (IEGC) 2010(**attached as annexure-A5**), the Central Transmission Utility (CTU) is responsible for conducting planning studies related to reactive power compensation for the Inter-State Transmission System (ISTS), including the requirements at ISGS switchyards. In line with this mandate, Powergrid, CTU conducted a study to assess the reactive power compensation needs at Dadri and subsequently proposed the installation of a 125 MVAR bus reactor(**Letter attached as annexure-A6**). It is submitted that the expenditure incurred is in accordance with the above requirement.. In view of the above, it is respectfully requested that the Hon'ble Commission kindly approve the proposed capitalization under Regulation 26(1)(b).	

Year wise Statement of Additional Capitalisation after COD	PART-I FORM- 9A Amount in Rs
Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	NCTPS St-II
Station COD	31-07-2010
For Financial Year	2019-20

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
A4	LED Electrification in Station	157.26	-	157.26	-	157.26	-	26(1)(b)	Hon'ble Prime Minister of India on 05.01.2015 launched National LED Programme with an objective to reduce energy consumption by using energy efficient lighting. In line with the objective, Unnat Jyoti by Affordable LEDs for All (UJALA) and Street Lighting National Programme was implemented by EESL. NTPC was mandated through MoP, GoI letter dated 02.08.2017 to replace all conventional lightings with LED based lightings in all NTPC buildings including compound /street lighting occupied by NTPC (**copy of the letter dated 02.08.2017 is enclosed as Annexure-A7**). It is submitted that any direction of Government of India is required to be implemented by the Petitioner in letter and spirit and has the force of Law. Further, replacement of energy intensive conventional lightings with energy efficient LED based lightings was carried out in accordance with Energy Conservation Act, 2001 which provides as under: "Section 14. Power of Central Government to enforce efficient use of energy and its conservation. — The Central Government may, by notification, in consultation with the Bureau,— (a) specify the norms for processes and energy consumption standards for any equipment, appliance which consumes, generates, transmits or supplies energy; ..... (r) direct every owner or occupier of the building or building complex, being a designated consumer to comply with the provisions of energy conservation building codes for efficient use of energy and its conservation; " .. In order to comply with the directions of Govt. of India vide its letter dated 02.08.2017, and as per provisions of Energy Conservation Act, 2001, NTPC took the work of replacing the conventional energy inefficient lightings with energy efficient LED lighting in the premises of the station compound/ building owned and operated by NTPC in phased manner. Some of the major benefits of LED fittings are as under: (a) Reduction of auxiliary consumption and benefits to beneficiaries in terms of sharing of ECR gain. (b) Helps in meeting grid requirement during peak demand. (c) Reduces CO_2 emission & helps GoI in achieving the target of NET ZERO by 2070. Accordingly, it is humbly submitted that Hon'ble Commission may be pleased to allow the said capitalization under Regulation 26 (1) (b) of Tariff Regulations, 2019. It is further submitted that Corresponding decapitalisation detail is provided in form I in breakdown of MBOA (Part of capital cost).	

Year wise Statement of Additional Capitalisation after COD	PART-I FORM- 9A Amount in Rs
Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	NCTPS St-II
Station COD	31-07-2010
For Financial Year	2019-20

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
A5	Implementaion of Flexible operation	446.97	-	446.97	-	446.97	-	26(1)(b)	The increased penetration of renewable energy (RE) has led to significant fluctuations in the net demand of electricity from conventional coal-based generating stations throughout the day. For grid stability, as RE penetration grows, coal-based power plants must operate with variable loads to address the intermittency of RE. It is submited that Indian coal-based plants, originally designed for base-load operations, cannot safely operate under variable loads. To address these challenges, the Government of India and the Government of Germany established a special task force under the Indo-German Energy Forum (IGEF). This task force focuses on the flexibilization of coal-based power plants and aims to demonstrate the technical feasibility of flexible plant operations. In its report , the task force recommended gradually introducing measures to achieve a minimum sustained load for units of Central, Independent Power Producers (IPPs), and State utilities. Measures suggested includes 1.Optimization of automation and control systems, 2.Implementation of advanced analytical tools, and 3.Process modifications to debottleneck existing limitations Additionally, the Central Electricity Authority (CEA), in its report Flexible Operation of Thermal Power Plants for Integration of Renewable Generation (January 2019, **Annexure-A8**), recognized the need for additional expenditures to enable stable operations at lower loads. Further, the CEA's Flexible Operation of Coal-based Thermal Power Generating Units Regulations, 2023(**Annexure-A9**) also mandates that coal-based thermal power generating units be designed or suitably retrofitted for flexible operation and improved ramp rate capabilities. In compliance with these recommendations, NTPC Dadri Stage-II units have undergone modifications to enable stable low-load and flexible operations. Key upgrades include: 1.Design and implemetation of Modified logic for existing control loops 2.Further Optimization of existing control loops through the installation of additional control systems 3.Conversion of the existing on/off type Boiler Feed Pump (BFP) recirculation system to a regulating type, 4.Modifications to airflow systems to support sustained low-load operations. In light of the above, it is respectfully requested that the Hon'ble Commission kindly approve the proposed capitalization under Regulation 26(1)(b).	

										PART-I
										FORM- 9A
										Amount in Rs

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
Station COD	**31-07-2010**
For Financial Year	**2019-20**

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
A6	Original Packages (Adjustment)							25(1)(d) with Regulation 76	These expenditures represent the actual capitalisation/decapitalisation related to the balance payments for various works under the original packages within the original scope, which were capitalised prior to the cut-off date. This includes adjustments, exchange rate variations (ERV), and final reconciliation at the time of contract closure. Accordingly, it is humbly submitted that Hon'ble Commission may be pleased to allow the said capitalization under Regulation 25 (1) (d) read with regulation 76 of Tariff Regulations, 2019.	
1	Infrastructure & Site development works(Adjustment)	0.37	-	0.37	-	0.37	-			
2	TOWNSHIP & COLONY (Adjustment)	16.84	-	16.84	-	16.84	-			
3	CHP-TURNKEY (Adjustment)	71.22	-	71.22	15.89	55.33	-			
4	Station C&I (Adjustment)	-146.93	-	-146.93	-	-146.93	-			
5	Ash Handling System	1.03	-	1.03	-	1.03	-			
6	Switch Yard Extension Building	46.73	-	46.73	-	46.73	-			
7	Steam Generator : UNIT # I & II	4.72	-	4.72	-	4.72	-			
	Subtotal(A7)	-6.01	-	-6.01	15.89	-21.90	-			
	Subtotal	2,058.87	0.06	2,058.93	51.35	2,007.58	-			
A8	Decap of Spares:Part of Capital Cost	-279.08	-108.82	-387.90	-	-387.90	-	26(2)	These spares/MBOAs were part of capital cost, have become unserviceable. Accordingly the same are decapitalized.	
A9	Decap of MBOAs:Part of Capital Cost	-52.79	-14.59	-67.38	-	-67.38	-			

PART-I

FORM- 9A

Amount in Rs

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
Station COD	**31-07-2010**
For Financial Year	**2019-20**

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
A10	Capitalisation of MBOAs	-	-	-	-	-	-	25 (2) (a)	These MBOAs were capitalised due to replacement of assets which were deployed under original scope. The old assets outlived their useful life and were fully depreciated. Hon'ble Commission may be pleased to allow the capitalisation of these MBOAs as per Reguation 25 (2) (a) of Tariff Regulation, 2019 as replacement of these MBOAs were necessitated since the useful life of these assets were not commensurate with the useful life of the Station.	
1	Tools and Tackles	145.43	-	145.43	10.87	134.55	-			
2	Furniture and Fixtures	55.59	-	55.59	-	55.59	-			
3	EDP, WP Machines, SATCOM	19.32	-	19.32	1.58	17.74	-			
4	Other Office Equipments	66.87	-	66.87	0.38	66.49	-			
5	Construction Equipment	5.93	0.09	6.02	1.02	5.00	-			
6	Communication Equipment	5.92	-	5.92	3.60	2.32	-			
7	Hospital Equipment	3.90	-	3.90	0.97	2.92	-			
8	Laboratory And Workshop Equipment	10.76	-	10.76	0.91	9.85	-			
	Sub Total	313.71	0.09	313.80	19.34	294.46	-			
A	**Total Claim**	**2,040.70**	**-123.25**	**1,917.45**	**70.69**	**1,846.76**	**-**			
	Add: Discharge of liability corresponding to allowed/ claimed works					**314.48**		25(1)(d), 25(1)(f)	Discharge of liabilities of works already admitted/ claimed. Hon'ble Commission may be pleased to allow the same.	
	Total Add cap claimed on cash basis					**2,161.24**				

Petitioner

Year wise Statement of Additional Capitalisation after COD	PART-I FORM- 9A Amount in Rs
Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	NCTPS St-II
Station COD	31-07-2010
For Financial Year	2020-21

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
A	Claimed Items									
A1	Zero Discharge System	12.04	-	12.04	-	12.04	-	26(1)(b)	Refer to justification provided for Zero discharge System in Form 9 2019-20	
A2	400 KV Class Bus Sectionaliser	387.83	-	387.83	68.32	319.52	-	26(1)(b)	Refer to justification provided for 400 KV Class bus sectionaliser in Form 9 2019-20	
A3	VIDEO MANAGEMENT SOFTWARE FOR CCTV	13.26	-	13.26	1.12	12.13	-	26(1)(b) and 26(1)(d)	A safety advisory mandating comprehensive monitoring of overhauling work and immediate action to address pulverized fuel leakage was issued by the Central Electricity Authority (CEA) on May 23, 2022(Attached as **Annexure-A10).** To comply with these directives, CCTV cameras have been installed. As comprehensive physical surveillance of overhauling work and potential leakages cannot be maintained due to their extensive nature and unpredictable occurrence, Centralised round-the-clock CCTV monitoring of overhauling activities and critical vulnerable areas within the main plant and CHP area has been implemented. Additionally, it is pertinent to highlight that in GMR Warora Energy Limited v. CERC & Ors., notifications or circulars issued by government entities, such as Coal India or Indian Railways, were recognized by the Hon'ble Supreme Court as constituting a 'Change in Law' event. In view of this, Hon'ble Commission may be pleased to allow the same under Reg. 26(1)(b) and 26(1)(d) of Tariff Regulations 2019.	

PART-I

FORM- 9A

Amount in Rs

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
Station COD	**31-07-2010**
For Financial Year	**2020-21**

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
A4	LED Electrification in Station	16.88	-	16.88	-	16.88	-	26(1)(b)	Refer to justification provided for LED electrification in Form 9 2019-20	
A5	Original Packages (Adjustment)							25(1)(d) with Regulation 76	Refer to justification provided for original Package(Adjustment) in Form 9 2019-20	
1	TOWNSHIP & COLONY (Adjustment)	79.09	-	79.09	67.72	11.37	-			
2	CHP-TURNKEY (Adjustment)	14.64	-	14.64	-	14.64	-			
3	Steam Generator : UNIT # 5(Adjustment)	-1.55	-	-1.55	-	-1.55	-			
4	DM and Pre Treatment Plant (Adjustment)	11.87	-	11.87	8.08	3.79	-			
5	Ash Handling System	0.92	-	0.92	-	0.92	-			
	Subtotal(A5)	104.97	-	104.97	75.80	29.17	-			
	Subtotal	534.98	-	534.98	145.24	389.74	-			
A5	Decap of Spares:Part of Capital Cost	-145.80	-77.79	-223.60	-	-223.60	-	26(2)	These spares/MBOAs were part of capital cost, have become unserviceable. Accordingly the same are decapitalized.	
A6	Decap of MBOAs:Part of Capital Cost	-4.00	-1.88	-5.88	-	-5.88	-			
A7	Capitalisation of MBOAs	-	-	-	-	-	-	25 (2) (a)	These MBOAs were capitalised due to replacement of assets which were deployed under original scope. The old assets outlived their useful life and were fully depreciated. Hon'ble Commission may be pleased to allow the capitalisation of these MBOAs as per Reguation 25 (2) (a) of Tariff Regulation, 2019 as replacement of these MBOAs were necessitated since the useful life of these assets were not commensurate with the useful life of the Station.	
1	Plant and Machinery of MBOA Nature	0.46	-	0.46	-	0.46	-			
2	EDP, WP Machines, SATCOM	166.15	-	166.15	-	166.15	-			
3	Other Office Equipments	86.57	-	86.57	0.73	85.84	-			
4	Communication Equipment	2.48	-	2.48	0.62	1.86	-			
5	Hospital Equipment	24.94	-	24.94	-	24.94	-			
	Sub Total	280.61	-	280.61	1.35	279.26	-			
A	**Total Claim**	**665.79**	**-79.68**	**586.11**	**146.59**	**439.52**	**-**			
	Add: Discharge of liability corresponding to allowed/ claimed works					**169.72**		25(1)(d), 25(1)(f)	Discharge of liabilities of works already admitted/ claimed. Hon'ble Commission may be pleased to allow the same.	
	Total Add cap claimed on cash basis					**609.24**				

Petitioner

Year wise Statement of Additional Capitalisation after COD										PART-I FORM- 9A Amount in Rs
Name of the Petitioner						NTPC Ltd.				
Name of the Generating Station						NCTPS St-II				
Station COD						31-07-2010				
For Financial Year						2021-22				
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
A	Claimed Items									
A1	Zero Discharge System	4.26	-	4.26	-	4.26	-	26(1)(b)	Refer to justification provided for Zero discharge System in Form 9 2019-20	
A2	LED Electrification in Station	17.80	-	17.80	-	17.80	-	26(1)(b)	Refer to justification provided for LED electrification in Form 9 2019-20	
A3	Original Packages (Adjustment)							25(1)(d) with Regulation 76	Refer to justification provided in Form 9 2019-20	
1	TOWNSHIP & COLONY (Adjustment)	42.04	-	42.04	3.01	39.03	-			
2	Ash Handling System	31.08	-	31.08	-	31.08	-			
	Subtotal(A9)	73.12	-	73.12	3.01	70.11	-			
	Subtotal	95.18	-	95.18	3.01	92.17	-			
A4	Decap of Spares:Part of Capital Cost	-106.50	-138.66	-245.16	-	-245.16	-	26(2)	These spares/MBOAs were part of capital cost, have become unserviceable. Accordingly the same are decapitalized.	
A5	Decap of MBOAs:Part of Capital Cost	-20.73	-96.93	-117.65	-	-117.65	-			

PART-I

FORM- 9A

Amount in Rs

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
Station COD	**31-07-2010**
For Financial Year	**2021-22**

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
A6	Capitalisation of MBOAs	-	-	-	-	-	-	25 (2) (a)	These MBOAs were capitalised due to replacement of assets which were deployed under original scope. The old assets outlived their useful life and were fully depreciated. Hon'ble Commission may be pleased to allow the capitalisation of these MBOAs as per Reguation 25 (2) (a) of Tariff Regulation, 2019 as replacement of these MBOAs were necessitated since the useful life of these assets were not commensurate with the useful life of the Station.	
1	Plant and Machinery of MBOA Nature	3.00	-	3.00	-	3.00	-			
2	Furniture and Fixtures	3.36	-	3.36	-	3.36	-			
3	EDP, WP Machines, SATCOM	53.94	-	53.94	0.88	53.06	-			
4	Other Office Equipments	55.99	-	55.99	3.16	52.82	-			
5	Construction Equipment	26.45	0.07	26.52	0.80	25.72	-			
6	Hospital Equipment	45.26	-	45.26	3.99	41.28	-			
7	Laboratory And Workshop Equipment	0.23	-	0.23	-	0.23	-			
	Sub Total	188.23	0.07	188.30	8.83	179.47	-			
A	**Total Claim**	**156.18**	**-235.52**	**-79.34**	**11.84**	**-91.18**	**-**			
	Add: Discharge of liability corresponding to allowed/ claimed works					**116.20**		25(1)(d), 25(1)(f)	Discharge of liabilities of works already admitted/ claimed. Hon'ble Commission may be pleased to allow the same.	
	Total Add cap claimed on cash basis					**25.02**				

Petitioner

										PART-I
										FORM- 9A
										Amount in Rs
	Name of the Petitioner					**NTPC Ltd.**				
	Name of the Generating Station					**NCTPS St-II**				
	Station COD					**31-07-2010**				
	For Financial Year					**2022-23**				
Sl. No.	**Head of Work /Equipment**	**ACE Claimed (Actual)**						**Regulations under which claimed**	**Justification**	**Admitted Cost by the Commission, if any**
		Accrual basis as per Note 2	**Ind AS Adj.**	**Accrual Basis as per IGAAP**	**Un-discharged Liability included in col. 3**	**Cash basis**	**IDC included in col. 3**			
1	**2**	**3**	**3A**	**3B = 3+3A**	**4**	**5= (3B-4)**	**6**	**7**	**8**	**9**
I.Claimed Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate										
A	**Claimed Items**									
A1	Zero Discharge System	3.33	-	3.33	-	3.33	-	26(1)(b)	Refer to justification provided for Zero discharge System in Form 9 2019-20	
A2	400 KV Class Bus Sectionaliser	8.51	-	8.51	-	8.51	-	26(1)(b)	Refer to justification provided for 400 KV Class bus sectionaliser in Form 9 2019-20	
A3	VFD for CEP	303.34	-	303.34	-	303.34	-	26(1)(b)	It is respectfully submitted that, in accordance with the Bureau of Energy Efficiency (Manner and Intervals of Time for Conduct of Energy Audit) Regulations, 2010 (**attached as Annexure-A11**), an energy audit was conducted in 2020. The audit report, which is attached as **Annexure-A12**, recommended the retrofitting of Variable Frequency Drives (VFD) in CEP Stage-2 units. The expenditure for this retrofitting has been duly incurred as per the mandatory energy audit's recommendations. In view of the above, Hon'ble Commission may be pleased to allow the capitalization of the same.	
A4	LED Electrification in Station	32.78	-	32.78	-	32.78	-	26(1)(b)	Refer to justification provided for LED electrification in Form 9 2019-20	
A5	Circuit Breaker SF6 400KV 3150A	72.47	-	72.47	-	72.47	-	26(1)(b)	It is submitted SF6 circuit breakers are considered safe due to their superior insulating and arc-quenching capabilities, ensuring reliable current interruption and minimizing electrical faults in high-voltage systems. It is further submitted that as per the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022 (**attached as annexure-A13**), the installation of SF6 circuit breakers is mandated. Accordingly, this expenditure has been incurred in compliance with the above CEA guidelines. Therefore, it is humbly requested that Hon'ble Commission may be pleased to allow the same at the instant station under Regulation 26 (1) (b) of Tariff Regulations 2019.	
A6	Real time water measurement equipment	13.71	-	13.71	1.04	12.67	-	26(1)(b)	The Uttar Pradesh Pollution Control Board (UPPCB), in its Consent to Operate letter dated 10/12/2021 (**attached as Annexure-A14**), mandated the installation of a flow meter on the water supply line and the maintenance of water flow records. In compliance with these directives, the required expenditure has been incurred. Therefore, it is humbly requested that Hon'ble Commission may be pleased to allow the same at the instant station under Regulation 26 (1) (b) of Tariff Regulations 2019.	

Year wise Statement of Additional Capitalisation after COD	PART-I FORM- 9A Amount in Rs
Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	NCTPS St-II
Station COD	31-07-2010
For Financial Year	2022-23

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
A7	AGC System	11.21	-	11.21	0.29	10.93	-	26(1)(b)	Hon'ble Commission, vide order dated 13.10.2015 in petition no. 11/SM/2015 gave a roadmap for operationalization of generation reserves in the country and directed NLDC/POSOCO to submit a detailed procedure to operationalize reserves in the country. Subsequently, Automatic Generation Control (AGC) was implemented at Dadri-II generating station during FY 2017-18 as pilot project. After succesful demonstration and operation of the same, AGC Pilot project was being migrated to AGC full project by implementation & operation of AGC system on sustained basis, thereby making Dadri-II one of the frontrunning stations equipped with this system for supporting the grid. During the Pilot project phase, some incremental changes regarding signals for AGC system were felt necessary as per the experience of NTPC and NLDC. Based on the same, NTPC Dadri-II was communicated by NLDC (the grid operator) to augment the existing AGC system in pilot project mode with certain additional signals so that the station gets enabled for permanent AGC functioning for efficient and smooth functioning of the same. It was also nedessary to comply with direction issued by the Hon'ble Commission vide its order in Petition No 319/RC/2018. The communication in this regrad, as received from the grid operator/POSOCO is **attached at Annexure-A15** As the work had been necessitated in line with the direction issued by grid operator for making the station AGC compliant on sustained basis, the expenditure may please be allowed under 'Change in Law'.	
A9	Original Packages (Adjustment)							25(1)(d) with Regulation 76	Refer to justification provided for original Package(Adjustment) in Form 9 2019-20	
1	AIR CONDITIONING (Stage II)	1.20	-	1.20	-	1.20	-			
2	Construction of shed :storage area of gl	3.33	-	3.33	-	3.33	-			
3	RESERVOIR	981.49	-	981.49	18.75	962.74	-			
4	400KV SWITCHYARD	-0.07	-0.13	-0.20	-	-0.20	-			
	Subtotal(A9)	985.95	-0.13	985.82	18.75	967.07	-			
	Subtotal	1,431.30	-0.13	1,431.17	20.08	1,411.09	-			
A10	Decap of Spares:Part of Capital Cost	-172.14	-157.53	-329.67	-	-329.67	-	26(2)	These spares/MBOAs were part of capital cost, have become unserviceable. Accordingly the same are decapitalized.	
A11	Decap of MBOAs:Part of Capital Cost	-7.04	-18.38	-25.42	-	-25.42	-			
A12	Capitalisation of MBOAs						-	25 (2) (a)	These MBOAs were capitalised due to replacement of assets which were deployed under original scope. The old assets outlived their useful life and were fully depreciated. Hon'ble Commission may be pleased to allow the capitalisation of these MBOAs as per Reguation 25 (2) (a) of Tariff Regulation, 2019 as replacement of these MBOAs were necessitated since the useful life of these assets were not commensurate with the useful life of the Station.	
1	Furniture and Fixtures	2.17	0.06	2.23	-	2.23	-			
2	EDP, WP Machines, SATCOM	122.40	-	122.40	3.76	118.64	-			
3	Other Office Equipments	23.96	-	23.96	-	23.96	-			
4	Construction Equipment	142.67	-	142.67	-	142.67	-			
5	Electrical Installation	16.65	-	16.65	-	16.65	-			
6	Communication Equipment	19.85	-	19.85	-	19.85	-			
7	Hospital Equipment	2.83	-	2.83	-	2.83	-			
8	Software	7.59	-	7.59	-	7.59	-			
9	Tools and Tackles	4.93	-	4.93	0.48	4.45	-			
	Sub Total	343.05	0.06	343.12	4.24	338.88	-			
	Total Claim	**1,595.18**	**-175.98**	**1,419.20**	**24.32**	**1,394.89**	**-**			
	Add: Discharge of liability corresponding to allowed/ claimed works					**503.46**		25(1)(d), 25(1)(f)	Discharge of liabilities of works already admitted/ claimed. Hon'ble Commission may be pleased to allow the same.	
	Total Add cap claimed on cash basis(I)					**1,898.34**				

PART-I

FORM- 9A

Amount in Rs

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	NCTPS St-II
Station COD	31-07-2010
For Financial Year	2022-23

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
II.Claimed Works beyond Original scope exluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest										
1	Integrated Security System	2,366.97	-	2,366.97	202.26	2,164.71		26(1)(d)	The Hon'ble Commission has already approved this expenditure in the 2019-24 main petition (2/GT/2021) as per the order dated 1st June 2022. Further,there is balance work/adjustment pertaining to ISS system deffered for execution to 2024-29 period against projected in 2019-24 , petitioner seeks liberty to claim the differential amount between allowed and claimed in tariff period 2024-29. the Hon'ble Commission is kindly requested to allow the actual expenditure under Regulation 26(1)(d) of the 2019 Tariff Regulations.	2500 lakh for 2019-24
	Total Claim	2,366.97	-	2,366.97	202.26	2,164.71				
	Add: Discharge of liability corresponding to allowed/ claimed works					**-**				
	Total Add cap claimed on cash basis(II)					**2,164.71**				
	Total Add cap claimed on cash basis(I+II)					**4,063.05**				

Petitioner

Year wise Statement of Additional Capitalisation after COD	PART-I FORM- 9A Amount in Rs

Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	NCTPS St-II
Station COD	31-07-2010
For Financial Year	2023-24

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
I.Claimed Works under Original scope, Change in Law etc. eligble for RoE at Normal Rate										
A	**Claimed Items**									
A1	HMI of M/s BHEL with Cyber Security Features	971.71	0.23	971.93	347.55	624.38	-	25(1)(C) and 26(1)(b)	BHEL had supplied Windows XP based MaxDna HMI system for NCTPS stage-2 . Microsoft has ended Support for Windows XP on 8th April 2014. Due to obsolescence of windows XP operating system, no security updates for operating system are available from Microsoft making DDCMIS system vulnerable . Further it is submitted that under Regulation 10 of the Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019, the CEA issued the Cyber Security in Power Sector Guidelines, 2021 (**Annexure-A16**). These guidelines mandate compliance with key points, including the phasing out of legacy systems, security hardening in consultation and maintaining systemlogs. In view of above , HMI upgradation along with additional cybersecurity feature as mandated by CEA was carried out in NCTPS-II. Further, Hon'ble Commission has allowed additional capital expenditure on account of upgradation of HMI System in Petition No-442/GT/2020 vide its order dated 29.03.2023 in Kahalgaon Stage-1. Hon'ble commission may kindly allow the expenditure under Regulation 25(2)(c) and 26(1)(b) of 2019 tariff Regulations.	
A2	Implementaion of Flexible operation	482.43	-	482.43	168.56	313.87	-	26(1)(b)	Refer to justification provided for implementation of flexible operation in Form 9 2019-20	
A3	VFD for CEP	264.87	3.02	267.89	54.63	213.25	-	26(1)(b)	Refer to justification provided for implementation of VFD for CEP in Form 9 2019-20	
A4	Solar Panel installed on CW Channel	166.15	-	166.15	3.94	162.21	-	26(1)(b)	It is submitted that the COP26 Indian INDC(**attached as Annexure-A17**) outlines India's commitment to reducing its energy consumption from fossil fuels and carbon footprint through various strategies, including increasing renewable energy capacity, promoting energy efficiency, and expanding forest cover. It is submitted that the work of installation of solar panel over CW channel in the instant Station was awarded under Policy framework of the Government of India to achieve its INDC. It is further submitted that petitioner while claiming the expenditure towards the installation of Roof top solar at the instant station had submitted that the said installation would reduce greenhouse gases and thereby reduce emissions. Further, the benefit of reduced APC would get shared with the beneficiaries as sharing of gain in efficiency parameters in line with the extant regulatory provisions. Further, Hon'ble Commission has allowed additional capital expenditure incurred on implementation of similar claim Solar Rooftop in Petition No-270/GT/2019 vide its order dated 13.07.2020 in SUGEN Power Plant (1147.5 MW). In terms of the above, it is prayed that Hon'ble Commission may be pleased to allow the work under Regulation 26 (1) (b) of Tariff Regulations 2019.	
A6	Original Packages (Adjustment)							25(1)(d) with Regulation 76	Refer to justification provided for original Package(Adjustment) in Form 9 2019-20	
1	Steam Generator	0.83	1.95	2.79	-	2.79	-			
2	RESERVOIR	186.77	-	186.77	-	186.77	-			
	Subtotal(A6)	187.60	1.95	189.55	-	189.55	-			
	Subtotal	2,072.76	5.19	2,077.95	574.68	1,503.28	-			
A7	Decap of Spares:Part of Capital Cost	-166.34	-289.32	-455.66	-	-455.66	-	26(2)	These spares/MBOAs were part of capital cost, have become unserviceable. Accordingly the same are decapitalized.	
A8	Decap of MBOAs:Part of Capital Cost	-157.60	-84.22	-241.81	-	-241.81	-			

										PART-I
										FORM- 9A
										Amount in Rs

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
Station COD	**31-07-2010**
For Financial Year	**2023-24**

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
A9	Capitalisation of MBOAs	-	-	-	-	-	-	25 (2) (a)	These MBOAs were capitalised due to replacement of assets which were deployed under original scope. The old assets outlived their useful life and were fully depreciated. Hon'ble Commission may be pleased to allow the capitalisation of these MBOAs as per Reguation 25 (2) (a) of Tariff Regulation, 2019 as replacement of these MBOAs were necessitated since the useful life of these assets were not commensurate with the useful life of the Station.	
1	MBOA-Communication Equipment	5.53	-	5.53	-	5.53	-			
2	MBOA-Construction Equipment	30.40	-	30.40	-	30.40	-			
3	MBOA-EDP, WP Machines & SATCOM Equipment	162.27	-	162.27	25.24	137.03	-			
4	MBOA-Furniture & Fixtures	29.39	-	29.39	-	29.39	-			
5	MBOA-Hospital	28.20	-	28.20	-	28.20	-			
6	MBOA-Laboratory & Workshop Equipment	28.26	-	28.26	-	28.26	-			
7	MBOA-Other Office Equipments	97.73	-	97.73	-	97.73	-			
	Sub Total	381.78	-	381.78	25.24	356.54	-			
A	**Total Claim**	**2,130.60**	**-368.34**	**1,762.26**	**599.92**	**1,162.34**	**-**			
	Add: Discharge of liability corresponding to allowed/ claimed works					**3,413.63**		25(1)(d), 25(1)(f)	Discharge of liabilities of works already admitted/ claimed. Hon'ble Commission may be pleased to allow the same.	
	Total Add cap claimed on cash basis					**4,575.97**				

PART-I

FORM- 9A

Amount in Rs

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	NCTPS St-II
Station COD	31-07-2010
For Financial Year	2023-24

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
II.Claimed Works beyond Original scope exluding add-cap due to Change in Law eligble for RoE at Wtd. Average rate of Interest										
1	Integrated Security System	238.36	0.20	238.55	31.16	207.39		26(1)(d)	Refer to justification provided for original Package(Adjustment) in Form 9 2022-23	2500 lakh for 2019-24
	Total Claim	238.36	0.20	238.55	31.16	207.39				
	Add: Discharge of liability corresponding to allowed/ claimed works					**172.90**				
	Total Add cap claimed on cash basis(II)					**380.29**				
	Total Add cap claimed on cash basis(I+II)					**4,956.27**				

Petitioner

PART-I
FORM- 10

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
Date of Commercial Operation	**31-07-2010**

Amount in Rs Lakh

Financial Year (Starting from COD)1	Actual					Admitted				
	2019-20	**2020-21**	**2021-22**	**2022-23**	**2023-24**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**2023-24**
1		3	4	5	6	7	8	9	10	11
Amount capitalised in Work/ Equipment										
Financing Details	**Add cap is proposed to be finance in Debt:Equity ratio of 70:30**									
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan2										
Equity Internal Resources										
Others (Pl. specify)										
Total										

(Petitioner)

Calculation of Depreciation Rate

Part -1

Form 11

Name of the Petitioner: NTPC LTD
Name of the Generating Station: NCTPS-II

(Rs. In Lakhs)

S.NO.	Name of Asset	Gross Block as on 31.03.2019	Add/Adj during 2019-20	Gross Block as on 31.03.2020	Add/Adj during 2020-21	Gross Block as on 31.03.2021	Add/Adj during 2021-22	Gross Block as on 31.03.2022	Add/Adj during 2022-23	Gross Block as on 31.03.2023	Add/Adj during 2023-24	Gross Block as on 31.03.2024	CERC Dep. Rate	Depreciation for 2019-20	Depreciation for 2020-21	Depreciation for 2021-22	Depreciation for 2022-23	Depreciation for 2023-24
1	2	3	4	5 = 3+4	6	7 = 5+6	8	9 = 7+8	10	11 = 9+10			4	5= Col.3 X Col.4	14 = 12x5	15 = 12x7	16 = 12x9	17 = 12x11
1	Freehold Land	7,941.18	0.00	7,941.18	0	7,941.18	0	7,941.18	0	7,941.18	0	7,941.18	0.00%	-	-	-	-	-
2	Roads, bridges, culverts & helipads	3,478.07	0.37	3,478.45	0	3,478.45	0	3,478.45	42.6259527	3,521.07	0	3,521.07	3.34%	116.17	116.18	116.18	116.18	117.60
3	Main Plant Buildings	35,632.62	0.00	35,632.62	0	35,632.62	0	35,632.62	10437.68899	46,070.31	0	46,070.31	3.34%	1,190.13	1,190.13	1,190.13	1,190.13	1,538.75
4	Other Buildings	5,917.40	55.18	5,972.57	18.3072773	5,990.88	34.1255467	6,025.01	3.3338266	6,028.34	-102.8890201	5,925.45	3.34%	197.64	199.48	200.10	201.24	201.35
5	Temporary erection	-	0.00	-	0	-	0	-	0	-	0	-	100.00%	-	-	-	-	-
6	Water supply, drainage & sewage	675.39	478.30	1,153.70	12.0395121	1,165.74	4.25501	1,169.99	28.4973538	1,198.49	0.0587499	1,198.55	5.28%	35.66	60.92	61.55	61.78	63.28
7	MGR track and signalling system	767.29	0.00	767.29	0	767.29	0	767.29	0	767.29	0	767.29	5.28%	40.51	40.51	40.51	40.51	40.51
8	Railway siding	5,844.35	0.00	5,844.35	0	5,844.35	0	5,844.35	0	5,844.35	0	5,844.35	5.28%	308.58	308.58	308.58	308.58	308.58
9	Earth dam reservoir	4,001.44	0.00	4,001.44	0	4,001.44	0	4,001.44	981.49289	4,982.93	186.7070829	5,169.64	5.28%	211.28	211.28	211.28	211.28	263.10
10	Plant and machinery	4,24,047.2	1710.68	4,25,757.9	645.4	4,26,403.2	961.3	4,27,364.5	47,697.5	4,75,062.0	3338.864788	4,78,400.88	5.28%	22,389.69	22,480.01	22,514.09	22,564.85	25,083.27
11	Furniture and fixtures	2,135.91	76.99	2,212.90	60.7810884	2,273.68	26.2015308	2,299.88	61.1727201	2,361.06	-12.8788346	2,348.18	6.33%	135.20	140.08	143.92	145.58	149.45
12	Other Office Equipments	1,022.55	103.29	1,125.84	83.624233	1,209.46	47.5094739	1,256.97	41.5357928	1,298.51	25.9916764	1,324.50	6.33%	64.73	71.27	76.56	79.57	82.20
13	EDP, WP machines & SATCOM equipment	975.68	-56.96	918.72	104.2327186	1,022.95	8.7379	1,031.69	121.8168136	1,153.51	25.1745563	1,178.68	6.33%	61.76	58.15	64.75	65.31	73.02
14	Vehicles including speedboats	27.07	-6.15	20.92	0	20.92	0	20.92	0.015925	20.94	0	20.94	9.50%	2.57	1.99	1.99	1.99	1.99
15	Construction equipment	1,541.26	91.26	1,632.52	0	1,632.52	15.9481507	1,648.47	133.1723605	1,781.64	30.4	1,812.04	5.28%	81.38	86.20	86.20	87.04	94.07
16	Electrical installations	2,021.03	97.11	2,118.14	14.6252613	2,132.76	11.879242	2,144.64	31.3978077	2,176.04	-0.17184	2,175.87	5.28%	106.71	111.84	112.61	113.24	114.89
17	Communication equipment	327.86	5.92	333.79	2.48089	336.27	-4.71535	331.55	28.2128327	359.76	9.0724051	368.84	6.33%	20.75	21.13	21.29	20.99	22.77
18	Hospital equipment	179.49	3.39	182.87	24.9432	207.81	45.2628801	253.08	2.83278	255.91	28.2039333	284.11	5.28%	9.48	9.66	10.97	13.36	13.51
19	Laboratory and workshop equipment	70.20	10.76	80.96	0	80.96	0	80.96	9.73433	90.70	28.2551	118.95	5.28%	3.71	4.27	4.27	4.27	4.79
20	Software	265.67	0.00	265.67	13.25807	278.92	-33.19613	245.73	7.9172	253.64	0	253.64	15.00%	39.85	39.85	41.84	36.86	38.05
21	Capex on assets not owned by the company	- 0.00	0.00	-0.00	0	-0.00	0	-0.00	0	-0.00	0	-0.00	5.28%	-0.00	- 0.00	- 0.00	- 0.00	- 0.00
22	Right of Use - Others	23,992.92	0.00	23,992.92	0	23,992.92	0	23,992.92	0	23,992.92	0	23,992.92	5.28%	1,266.83	1,266.83	1,266.83	1,266.83	1,266.83
	Total	**5,20,864.56**	**2,570.15**	**5,23,434.70**	**979.65**	**5,24,414.35**	**1,117.33**	**5,25,531.68**	**59,628.93**	**5,85,160.61**	**3,556.79**	**5,88,717.40**	**-**	**26,282.63**	**26,418.35**	**26,473.64**	**26,529.57**	**29,478.02**
	Weighted Average Rate of Depreciation (%)													**5.0460**	**5.0471**	**5.0482**	**5.0481**	**5.0376**

(Petitioner)

PART-I
FORM- 12

Statement of Depreciation

Name of the Company : NTPC Ltd.

Name of the Power Station : NCTPS St-II

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
1	Opening Capital Cost	4,97,543.90	4,96,820.70	4,98,981.94	4,99,591.17	4,99,616.19	5,03,679.24
2	Closing Capital Cost	4,96,820.70	4,98,981.94	4,99,591.17	4,99,616.19	5,03,679.24	5,08,635.51
3	Average Capital Cost	4,97,182.30	4,97,901.32	4,99,286.55	4,99,603.68	5,01,647.72	5,06,157.38
1a	*Cost of IT Equipments & Software included in (1) above		1,241.35	1,184.38	1,301.88	1,277.42	1,407.15
2a	*Cost of IT Equipments & Software included in (2) above		1,184.38	1,301.88	1,277.42	1,407.15	1,432.33
3a	*Average Cost of IT Equipments & Software		1,212.87	1,243.13	1,289.65	1,342.28	1,419.74
4	Freehold land	7,941.18	7,941.18	7,941.18	7,941.18	7,941.18	7,941.18
8	Rate of depreciation	5.07%	5.05%	5.05%	5.05%	5.05%	5.04%
6	Depreciable value	4,40,317.01	4,41,085.41	4,42,335.15	4,42,625.22	4,44,470.11	4,48,536.55
9	Balance useful life at the beginning of the period	17.08	16.08	15.08	14.08	13.08	12.08
9	Depreciation (for the period)	25,190.66	25,123.91	25,199.56	25,221.14	25,323.87	11,159.02
10	Depreciation (annualised)	25,190.66	25,123.91	25,199.56	25,221.14	25,323.87	11,159.02
11	Cumulative depreciation at the end of the period	213869.94	2,38,663.95	2,63,697.25	2,88,831.30	3,13,951.28	3,24,894.61
12	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009	-	-	-	-	-	-
13	Add: Cumulative depreciation adjustment on account of liability Discharge	-	-	-	-	-	-
14	Less: Cumulative depreciation adjustment on account of de-capitalisation	329.90	166.26	87.10	203.89	215.70	442.31
15	Net Cumulative depreciation at the end of the period after adjustments	2,13,540.04	2,38,497.69	2,63,610.16	2,88,627.41	3,13,735.59	3,24,452.30

(Petitioner)

Form 13

Name of the Company NTPC LTD (Rs. Lakhs)

Name of the Station NCTPP II

		2019-20	2020-21	2021-22	2022-23	2023-24
1	**Central Bank of India IV T1 Dr 1**					
	Gross Loan	1000.00	1000.00	1000.00	1000.00	1000.00
	Cumulative Repayment upto PY	928.57	1000.00	1000.00	1000.00	1000.00
	Net loan - Opening	71.43	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	71.43	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	35.71	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.2169%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on loan (Annualised)	2.93	0.00	0.00	0.00	0.00
2	**IDFC I T1 Dr 1**					
	Gross Loan	10000.00	10000.00	10000.00	10000.00	10000.00
	Cumulative Repayment upto PY	7750.00	10000.00	10000.00	10000.00	10000.00
	Net loan - Opening	2250.00	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	2250.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	1125.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.3360%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on loan (Annualised)	93.78	0.00	0.00	0.00	0.00
3	**IDFC II T1 Dr I**					
	Gross Loan	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative Repayment upto PY	3375.00	5000.00	5000.00	5000.00	5000.00
	Net loan - Opening	1625.00	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	1625.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	812.50	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.3360%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on loan (Annualised)	67.73	0.00	0.00	0.00	0.00
4	**IDFC II T1 Dr 2**					
	Gross Loan	6000.00	6000.00	6000.00	6000.00	6000.00
	Cumulative Repayment upto PY	4050.00	6000.00	6000.00	6000.00	6000.00
	Net loan - Opening	1950.00	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	1950.00	0	0	0	0
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	975.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.3360%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on loan (Annualised)	81.28	0.00	0.00	0.00	0.00
5	**PFC V Dr 3**					
	Gross Loan	9500.00	9500.00	9500.00	9500.00	9500.00
	Cumulative Repayment upto PY	4552.08	9500.00	9500.00	9500.00	9500.00
	Net loan - Opening	4947.92	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	4947.92	0.00	0.00	0.00	0.00

	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	2473.96	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	9.7000%	9.7000%	9.7000%	9.7000%	9.7000%
	Interest on loan (Annualised)	239.97	0.00	0.00	0.00	0.00
6	**PFC V Dr 5**					
	Gross Loan	5500.00	5500.00	5500.00	5500.00	5500.00
	Cumulative Repayment upto PY	2635.42	5500.00	5500.00	5500.00	5500.00
	Net loan - Opening	2864.58	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	2864.58	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	1432.29	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	9.5000%	9.5000%	9.5000%	9.5000%	9.5000%
	Interest on loan (Annualised)	136.07	0.00	0.00	0.00	0.00
7	**PFC V Dr 6**					
	Gross Loan	10000.00	10000.00	10000.00	10000.00	10000.00
	Cumulative Repayment upto PY	4791.67	10000.00	10000.00	10000.00	10000.00
	Net loan - Opening	5208.33	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	5208.33	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	2604.17	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	9.3200%	9.3200%	9.3200%	9.3200%	9.3200%
	Interest on loan (Annualised)	242.71	0.00	0.00	0.00	0.00
8	**PFC V Dr 9**					
	Gross Loan	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative Repayment upto PY	2395.83	5000.00	5000.00	5000.00	5000.00
	Net loan - Opening	2604.17	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	2604.17	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	1302.08	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	9.3900%	9.3900%	9.3900%	9.3900%	9.3900%
	Interest on loan (Annualised)	122.27	0.00	0.00	0.00	0.00
9	**PFC V Dr 11**					
	Gross Loan	2500.00	2500.00	2500.00	2500.00	2500.00
	Cumulative Repayment upto PY	1197.92	2500.00	2500.00	2500.00	2500.00
	Net loan - Opening	1302.08	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	1302.08	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	651.04	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.6600%	8.6600%	8.6600%	8.6600%	8.6600%
	Interest on loan (Annualised)	56.38	0.00	0.00	0.00	0.00
10	**PFC V Dr 16**					
	Gross Loan	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative Repayment upto PY	2395.83	5000.00	5000.00	5000.00	5000.00
	Net loan - Opening	2604.17	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	2604.17	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00

	Average Net Loan	1302.08	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.6900%	8.6900%	8.6900%	8.6900%	8.6900%
	Interest on loan (Annualised)	113.15	0.00	0.00	0.00	0.00
11	**PFC V Dr 17**					
	Gross Loan	10000.00	10000.00	10000.00	10000.00	10000.00
	Cumulative Repayment upto PY	4791.67	10000.00	10000.00	10000.00	10000.00
	Net loan - Opening	5208.33	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	5208.33	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	2604.17	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.6800%	8.6800%	8.6800%	8.6800%	8.6800%
	Interest on loan (Annualised)	226.04	0.00	0.00	0.00	0.00
12	**PFC V Dr 19**					
	Gross Loan	2500.00	2500.00	2500.00	2500.00	2500.00
	Cumulative Repayment upto PY	1197.92	2500.00	2500.00	2500.00	2500.00
	Net loan - Opening	1302.08	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	1302.08	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	651.04	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.3500%	8.3500%	8.3500%	8.3500%	8.3500%
	Interest on loan (Annualised)	54.36	0.00	0.00	0.00	0.00
13	**PFC V Dr 20**					
	Gross Loan	2000.00	2000.00	2000.00	2000.00	2000.00
	Cumulative Repayment upto PY	958.33	2000.00	2000.00	2000.00	2000.00
	Net loan - Opening	1041.67	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	1041.67	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	520.83	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.4000%	8.4000%	8.4000%	8.4000%	8.4000%
	Interest on loan (Annualised)	43.75	0.00	0.00	0.00	0.00
14	**Bonds XXII**					
	Gross Loan	500.00	500.00	500.00	500.00	500.00
	Cumulative Repayment upto PY	400.00	450.00	500.00	500.00	500.00
	Net loan - Opening	100.00	50.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	50	50	0.00	0.00	0.00
	Net loan - Closing	50.00	0.00	0.00	0.00	0.00
	Average Net Loan	75.00	25.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.2071%	8.2071%	8.2071%	8.2071%	8.2071%
	Interest on loan (Annualised)	6.16	2.05	0.00	0.00	0.00
15	**Bonds XXIV**					
	Gross Loan	4000.00	4000.00	4000.00	4000.00	4000.00
	Cumulative Repayment upto PY	3200.00	3600.00	4000.00	4000.00	4000.00
	Net loan - Opening	800.00	400.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	400	400	0.00	0.00	0.00
	Net loan - Closing	400.00	0.00	0.00	0.00	0.00
	Average Net Loan	600.00	200.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.6377%	8.6377%	8.6377%	8.6377%	8.6377%

	Interest on loan (Annualised)	51.83	17.28	0.00	0.00	0.00
16	**Bonds XXVII Repayment in 5 Annual Installments from 06.11.2019**					
	Gross Loan	22500.00	22500.00	22500.00	22500.00	22500.00
	Cumulative Repayment upto PY	0.00	4500.00	9000.00	13500.00	18000.00
	Net loan - Opening	22500.00	18000.00	13500.00	9000.00	4500.00
	Addition					
	Repayments of Loans during the year	4500.00	4500.00	4500.00	4500.00	4500.00
	Net loan - Closing	18000.00	13500.00	9000.00	4500.00	0.00
	Average Net Loan	20250.00	15750.00	11250.00	6750.00	2250.00
	Rate of Interest on Loan	11.2800%	11.2800%	11.2800%	11.2800%	11.2800%
	Interest on loan (Annualised)	2284.20	1776.60	1269.00	761.40	253.80
17	**Bonds XXX Bullet repayment on 05.05.2019**					
	Gross Loan	20000.00	20000.00	20000.00	20000.00	20000.00
	Cumulative Repayment upto PY	0.00	20000.00	20000.00	20000.00	20000.00
	Net loan - Opening	20000.00	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	20000.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	10000.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	7.9200%	7.9200%	7.9200%	7.9200%	7.9200%
	Interest on loan (Annualised)	792.00	0.00	0.00	0.00	0.00
18	**Bonds XXXIII Bullet repayment on 31.03.2020**					
	Gross Loan	1700.00	1700.00	1700.00	1700.00	1700.00
	Cumulative Repayment upto PY	0.00	1700.00	1700.00	1700.00	1700.00
	Net loan - Opening	1700.00	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	1700.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	850.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.7600%	8.7600%	8.7600%	8.7600%	8.7600%
	Interest on loan (Annualised)	74.46	0.00	0.00	0.00	0.00
19	**Bonds XXXIV**					
	Gross Loan	500.00	500.00	500.00	500.00	500.00
	Cumulative Repayment upto PY	100.00	133.33	166.67	200.00	233.33
	Net loan - Opening	400.00	366.67	333.33	300.00	266.67
	Addition					
	Repayments of Loans during the year	33.33	33.33	33.33	33.33	33.33
	Net loan - Closing	366.67	333.33	300.00	266.67	233.33
	Average Net Loan	383.33	350.00	316.67	283.33	250.00
	Rate of Interest on Loan	8.7400%	8.7400%	8.7400%	8.7400%	8.7400%
	Interest on loan (Annualised)	33.50	30.59	27.68	24.76	21.85
20	**Bonds XXXV**					
	Gross Loan	1500.00	1500.00	1500.00	1500.00	1500.00
	Cumulative Repayment upto PY	300.00	400.00	500.00	600.00	700.00
	Net loan - Opening	1200.00	1100.00	1000.00	900.00	800.00
	Addition					
	Repayments of Loans during the year	100	100	100	100	100
	Net loan - Closing	1100.00	1000.00	900.00	800.00	700.00
	Average Net Loan	1150.00	1050.00	950.00	850.00	750.00
	Rate of Interest on Loan	8.8150%	8.8150%	8.8150%	8.8150%	8.8150%
	Interest on loan (Annualised)	101.37	92.56	83.74	74.93	66.11

21	**PFC V T1 Dr 22**					
	Gross Loan	1000.00	1000.00	1000.00	1000.00	1000.00
	Cumulative Repayment upto PY	479.17	1000.00	1000.00	1000.00	1000.00
	Net loan - Opening	520.83	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	520.83	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	260.42	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	7.6200%	7.6200%	7.6200%	7.6200%	7.6200%
	Interest on loan (Annualised)	19.84	0.00	0.00	0.00	0.00
22	**PFC V Dr 23**					
	Gross Loan	1000.00	1000.00	1000.00	1000.00	1000.00
	Cumulative Repayment upto PY	479.17	1000.00	1000.00	1000.00	1000.00
	Net loan - Opening	520.83	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	520.83	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	260.42	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	7.4300%	7.4300%	7.4300%	7.4300%	7.4300%
	Interest on loan (Annualised)	19.35	0.00	0.00	0.00	0.00
23	**PFC V Dr 25**					
	Gross Loan	4000.00	4000.00	4000.00	4000.00	4000.00
	Cumulative Repayment upto PY	1916.67	4000.00	4000.00	4000.00	4000.00
	Net loan - Opening	2083.33	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	2083.33	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	1041.67	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	7.6700%	7.6700%	7.6700%	7.6700%	7.6700%
	Interest on loan (Annualised)	79.90	0.00	0.00	0.00	0.00
24	**PFC V Dr 27**					
	Gross Loan	18000.00	18000.00	18000.00	18000.00	18000.00
	Cumulative Repayment upto PY	8625.00	18000.00	18000.00	18000.00	18000.00
	Net loan - Opening	9375.00	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	9375.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	4687.50	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	7.7500%	7.7500%	7.7500%	7.7500%	7.7500%
	Interest on loan (Annualised)	363.28	0.00	0.00	0.00	0.00
25	**PFC V Dr 31**					
	Gross Loan	3700.00	3700.00	3700.00	3700.00	3700.00
	Cumulative Repayment upto PY	1772.92	1772.92	3700.00	3700.00	3700.00
	Net loan - Opening	1927.08	1927.08	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	0.00	1927.08	0.00	0.00	0.00
	Net loan - Closing	1927.08	0.00	0.00	0.00	0.00
	Average Net Loan	1927.08	963.54	0.00	0.00	0.00
	Rate of Interest on Loan	7.4400%	7.4400%	7.4400%	7.4400%	7.4400%
	Interest on loan (Annualised)	143.38	71.69	0.00	0.00	0.00

26	**PFC V Dr 32**					
	Gross Loan	3700.00	3700.00	3700.00	3700.00	3700.00
	Cumulative Repayment upto PY	1772.92	1772.92	3700.00	3700.00	3700.00
	Net loan - Opening	1927.08	1927.08	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	0.00	1927.08	0.00	0.00	0.00
	Net loan - Closing	1927.08	0.00	0.00	0.00	0.00
	Average Net Loan	1927.08	963.54	0.00	0.00	0.00
	Rate of Interest on Loan	7.6800%	7.6800%	7.6800%	7.6800%	7.6800%
	Interest on loan (Annualised)	148.00	74.00	0.00	0.00	0.00
27	**PFC V Dr 37**					
	Gross Loan	11000.00	11000.00	11000.00	11000.00	11000.00
	Cumulative Repayment upto PY	5270.83	5270.83	11000.00	11000.00	11000.00
	Net loan - Opening	5729.17	5729.17	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	0.00	5729.17	0.00	0.00	0.00
	Net loan - Closing	5729.17	0.00	0.00	0.00	0.00
	Average Net Loan	5729.17	2864.58	0.00	0.00	0.00
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on loan (Annualised)	472.66	236.33	0.00	0.00	0.00
29	**Syndicate Bank-II T1 Dr 2**					
	Gross Loan	13000.00	13000.00	13000.00	13000.00	13000.00
	Cumulative Repayment upto PY	11142.86	12071.43	13000.00	13000.00	13000.00
	Net loan - Opening	1857.14	928.57	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	928.57	928.57	0.00	0.00	0.00
	Net loan - Closing	928.57	0.00	0.00	0.00	0.00
	Average Net Loan	1392.86	464.29	0.00	0.00	0.00
	Rate of Interest on Loan	8.1036%	7.5130%	0.0000%	0.0000%	0.0000%
	Interest on loan (Annualised)	112.87	34.88	0.00	0.00	0.00
30	**HDFC-II, T1 D4**					
	Gross Loan	4000.00	4000.00	4000.00	4000.00	4000.00
	Cumulative Repayment upto PY	2857.14	3428.57	4000.00	4000.00	4000.00
	Net loan - Opening	1142.86	571.43	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	571.43	571.43	0.00	0.00	0.00
	Net loan - Closing	571.43	0.00	0.00	0.00	0.00
	Average Net Loan	857.14	285.71	0.00	0.00	0.00
	Rate of Interest on Loan	8.0594%	6.3982%	0.0000%	0.0000%	0.0000%
	Interest on loan (Annualised)	69.08	18.28	0.00	0.00	0.00
31	**Bonds XXXVIII**					
	Gross Loan	3300.00	3300.00	3300.00	3300.00	3300.00
	Cumulative Repayment upto PY	660.00	880.00	1100.00	1320.00	1540.00
	Net loan - Opening	2640.00	2420.00	2200.00	1980.00	1760.00
	Addition					
	Repayments of Loans during the year	220.00	220.00	220.00	220.00	220.00
	Net loan - Closing	2420.00	2200.00	1980.00	1760.00	1540.00
	Average Net Loan	2530.00	2310.00	2090.00	1870.00	1650.00
	Rate of Interest on Loan	9.2000%	9.2000%	9.2000%	9.2000%	9.2000%
	Interest on loan (Annualised)	232.76	212.52	192.28	172.04	151.80

32	**NIB Dr 1**					
	Gross Loan	57.59	57.59	57.59	57.59	57.59
	Cumulative Repayment upto PY	51.19	57.59	57.59	57.59	57.59
	Net loan - Opening	6.40	0.00	0.00	0.00	0.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	6.40	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	3.20	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	0.3462%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on loan (Annualised)	0.01	0.00	0.00	0.00	0.00
33	**NIB Dr 2**					
	Gross Loan	187.70	187.70	187.70	187.70	187.70
	Cumulative Repayment upto PY	166.84	187.70	187.70	187.70	187.70
	Net loan - Opening	20.86	0.00	0.00	0.00	0.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	20.86	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	10.43	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	0.3462%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on loan (Annualised)	0.04	0.00	0.00	0.00	0.00
34	**NIB Dr 5**					
	Gross Loan	3628.87	3628.87	3628.87	3628.87	3628.87
	Cumulative Repayment upto PY	3225.66	3628.87	3628.87	3628.87	3628.87
	Net loan - Opening	403.21	0.00	0.00	0.00	0.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	403.21	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	201.60	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	0.3462%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on loan (Annualised)	0.70	0.00	0.00	0.00	0.00
35	**NIB Dr 6**					
	Gross Loan	2369.77	2369.77	2369.77	2369.77	2369.77
	Cumulative Repayment upto PY	2106.46	2369.77	2369.77	2369.77	2369.77
	Net loan - Opening	263.31	0.00	0.00	0.00	0.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	263.31	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	131.65	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	0.3462%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on loan (Annualised)	0.46	0.00	0.00	0.00	0.00
36	**NIB Dr 7**					
	Gross Loan	5273.10	5273.10	5273.10	5273.10	5273.10
	Cumulative Repayment upto PY	4687.20	5273.10	5273.10	5273.10	5273.10
	Net loan - Opening	585.90	0.00	0.00	0.00	0.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	585.90	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00

	Average Net Loan	292.95	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	0.3462%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on loan (Annualised)	1.01	0.00	0.00	0.00	0.00
37	**Bond 54 (Installment from 25.03.2023 20 % Next 2 Years 40%)**					
	Gross Loan	11000.00	11000.00	11000.00	11000.00	11000.00
	Cumulative Repayment upto PY	0.00	0.00	0.00	0.00	2200.00
	Net loan - Opening	11000.00	11000.00	11000.00	11000.00	8800.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	0.00	0.00	0.00	2200.00	4400.00
	Net loan - Closing	11000.00	11000.00	11000.00	8800.00	4400.00
	Average Net Loan	11000.00	11000.00	11000.00	9900.00	6600.00
	Rate of Interest on Loan	8.5200%	8.5200%	8.5200%	8.5200%	8.5200%
	Interest on loan (Annualised)	937.20	937.20	937.20	843.48	562.32
38	**Bond 57 Series (Bullet Repayment on 15.12.2025)**					
	Gross Loan	500.00	500.00	500.00	500.00	500.00
	Cumulative Repayment upto PY	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	500.00	500.00	500.00	500.00	500.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	500.00	500.00	500.00	500.00	500.00
	Average Net Loan	500.00	500.00	500.00	500.00	500.00
	Rate of Interest on Loan	8.2200%	8.2200%	8.2200%	8.2200%	8.2200%
	Interest on loan (Annualised)	41.10	41.10	41.10	41.10	41.10
39	**Bond 67 Series (Bullet Repayment on 15.01.2029) (Refinancing of ICICI VI)**					
	Gross Loan	1601.00	1601.00	1601.00	1601.00	1601.00
	Cumulative Repayment upto PY	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1601.00	1601.00	1601.00	1601.00	1601.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	1601.00	1601.00	1601.00	1601.00	1601.00
	Average Net Loan	1601.00	1601.00	1601.00	1601.00	1601.00
	Rate of Interest on Loan	8.7300%	8.7300%	8.7300%	8.7300%	8.7300%
	Interest on loan (Annualised)	139.77	139.77	139.77	139.77	139.77
40	**Bond 72 Series OTHERS (Bullet Repayment on 15.10.2025)**					
	Gross Loan	0.00	0.00	22150.00	22150.00	22150.00
	Cumulative Repayment upto PY	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	22150.00	22150.00	22150.00
	Addition		22150.00			
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	22150.00	22150.00	22150.00	22150.00
	Average Net Loan	0.00	11075.00	22150.00	22150.00	22150.00
	Rate of Interest on Loan		5.4800%	5.4800%	5.4800%	5.4800%
	Interest on loan (Annualised)	0.00	606.91	1213.82	1213.82	1213.82

41	**Bonds 72 Series (pfc-v D31 refinanced)**					
	Gross Loan	0.00	0.00	1927.08	1927.08	1927.08
	Cumulative Repayment upto PY	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	1927.08	1927.08	1927.08
	Addition		1927.08			
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	1927.08	1927.08	1927.08	1927.08
	Average Net Loan	0.00	963.54	1927.08	1927.08	1927.08
	Rate of Interest on Loan		6.4750%	6.4750%	6.4750%	6.4750%
	Interest on loan (Annualised)	0.00	62.39	124.78	124.78	124.78
42	**Bonds 72 Series (pfc-v D32 refinanced)**					
	Gross Loan	0.00	0.00	1927.08	1927.08	1927.08
	Cumulative Repayment upto PY	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	1927.08	1927.08	1927.08
	Addition		1927.08			
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	1927.08	1927.08	1927.08	1927.08
	Average Net Loan	0.00	963.54	1927.08	1927.08	1927.08
	Rate of Interest on Loan		6.5950%	6.5950%	6.5950%	6.5950%
	Interest on loan (Annualised)	0.00	63.55	127.09	127.09	127.09
43	**Bonds 72 Series (pfc-v D37 refinanced)**					
	Gross Loan	0.00	0.00	5729.17	5729.17	5729.17
	Cumulative Repayment upto PY	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	5729.17	5729.17	5729.17
	Addition		5729.17			
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	5729.17	5729.17	5729.17	5729.17
	Average Net Loan	0.00	2864.58	5729.17	5729.17	5729.17
	Rate of Interest on Loan		6.8800%	6.8800%	6.8800%	6.8800%
	Interest on loan (Annualised)	0.00	197.08	394.17	394.17	394.17
45	**PNB IV D1 9 Yearly Installments from 01.02.2022**					
	Gross Loan	3643.00	3643.00	3643.00	3643.00	3643.00
	Cumulative Repayment upto PY	0.00	0.00	0.00	0.00	404.78
	Net loan - Opening	3643.00	3643.00	3643.00	3643.00	3238.22
	Addition					
	Repayments of Loans during the year	0.00	0.00	0	405	405
	Net loan - Closing	3643.00	3643.00	3643.00	3238.22	2833.44
	Average Net Loan	3643.00	3643.00	3643.00	3440.61	3035.83
	Rate of Interest on Loan	8.0102%	6.8567%	5.9896%	7.1475%	7.9000%
	Interest on loan (Annualised)	291.81	249.79	218.20	245.92	239.83
46	**SBI-VIII D24 9 Yearly Installments from 31.01.2022 (OBC-I Prepayment Loan)**					
	Gross Loan	1571.43	1571.43	1571.43	1571.43	1571.43
	Cumulative Repayment upto PY	0.00	0.00	0.00	174.60	349.21
	Net loan - Opening	1571.43	1571.43	1571.43	1396.83	1222.22
	Addition					
	Repayments of Loans during the year	0.00	0.00	174.60	174.60	174.60
	Net loan - Closing	1571.43	1571.43	1396.83	1222.22	1048

	Average Net Loan	1571.43	1571.43	1484.13	1309.52	1134.92
	Rate of Interest on Loan	8.1342%	7.0560%	6.8500%	7.4108%	8.3262%
	Interest on loan (Annualised)	127.82	110.88	101.66	97.05	94.50
47	**SBI XII D2 9 Yearly Installments from 31.03.2026 (Refinancing of IDFC I & II)**					
	Gross Loan	6350.00	6350.00	6350.00	6350.00	6350.00
	Cumulative Repayment upto PY	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	6350.00	6350.00	6350.00	6350.00	6350.00
	Addition					
	Repayments of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	6350.00	6350.00	6350.00	6350.00	6350.00
	Average Net Loan	6350.00	6350.00	6350.00	6350.00	6350.00
	Rate of Interest on Loan	8.1168%	6.9034%	6.7500%	7.3232%	8.2320%
	Interest on loan (Annualised)	515.42	438.37	428.63	465.02	522.73
48	**Corporation Bank IV D1 9 Yearly Installments from 11.01.2023 Re financing of ICICI V**					
	Gross Loan	1428.57	1428.57	1428.57	1428.57	1428.57
	Cumulative Repayment upto PY	0.00	0.00	0.00	0.00	158.73
	Net loan - Opening	1428.57	1428.57	1428.57	1428.57	1269.84
	Addition					
	Repayments of Loans during the year	0.00	0.00	0.00	159	159
	Net loan - Closing	1428.57	1428.57	1428.57	1269.84	1111.11
	Average Net Loan	1428.57	1428.57	1428.57	1349.21	1190.48
	Rate of Interest on Loan	8.1889%	6.8038%	6.1333%	7.4309%	8.0776%
	Interest on loan (Annualised)	116.98	97.20	87.62	100.26	96.16

	TOTAL					
	Gross Loan	225011.02	225011.02	256744.36	256744.36	256744.36
	Cumulative Repayment upto PY	90234.26	165497.02	181883.69	186911.63	194703.07
	Net loan - Opening	134776.76	59514.00	74860.67	69832.73	62041.29
	Addition	0.00	31733.33	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the year	75262.76	16386.67	5027.94	7791.44	9991.44
	Net loan - Closing	59514.00	74860.67	69832.73	62041.29	**52049.84**
	Average Net Loan	97145.38	67187.33	72346.70	65937.01	57045.56
	Rate of Interest on Loan	8.9118%	8.2024%	7.4457%	7.3185%	7.0993%
	Interest on loan (Annualised)	8657.37	5511.00	5386.73	4825.58	4049.82

Details of Source wise Fuel for Computation of Energy Charges

PART-I
FORM- 15

Name of the Company :		**NTPC Limited**						
Name of the Power Station :		**NCTPS St-II**						
S. No.	**Month**		**Oct-18**		**Nov-18**		**Dec-18**	
			Domestic	**Imported**	**Domestic**	**Imported**	**Domestic**	**Imported**
1	Opening Quantity of Coal/ Lignite	(MT)	1,42,253.83		1,04,899.38		2,46,864.32	
2	Value of Stock	(Rs.)	72,31,13,759.00		54,10,18,172.00		1,28,50,53,516.00	
3	Quantity of Coal supplied by Coal Company	(MT)	6,00,572.76	-	6,70,078.93	-	5,97,300.97	
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-385.63	-	-459.36	-	-470.185	
5	Coal supplied by Coal Company (1+2)	(MT)	6,00,187.13		6,69,619.575		5,96,830.785	
6	Normative Transit & Handling Losses	(MT)	4,804.58	-	5,360.631	-	4,778.408	
7	Net coal / Lignite Supplied (3-4)	(MT)	5,95,382.55		6,64,258.944		5,92,052.377	
8	Amount charged by the Coal Company*	(Rs.)	1,63,14,79,965.00		1,87,35,75,272.00		1,70,85,28,408.00	
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	11,44,82,172.89		8,75,07,932.63		-9,59,12,265.03	
10	Handling, Sampling and such other similar charges	(Rs.)						
11	Total amount Charged (6+7)	(Rs.)	1,74,59,62,137.89		1,96,10,83,204.63		1,61,26,16,142.97	
12	Transportation charges by rail ship, road transport	(Rs.)	1,33,52,82,088.00		1,50,17,55,645.00		1,33,97,47,643.00	
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)						
14	Demurrage Charges, if any	(Rs.)						
15	Cost of fuel in transporting coal through MGR system, if applicable	(Rs.)						
16	Total Transportation Charges (9+10+11+12)	(Rs.)	1,33,52,82,088.00		1,50,17,55,645.00		1,33,97,47,643.00	
17	Total amount Charged for coal supplied including Transportation (8+13+13A)	(Rs.)	3,08,12,44,225.89		3,46,28,38,849.63		2,95,23,63,785.97	
18	**Landed cost of coal (14)/(5)**	**Rs./MT**	**5,157.50**		**5,205.50**		**5,051.06**	
19	Blending Ratio	%	100.00%	-	100.00%	-	100.00%	-
20	Weighted average cost of coal	Rs./MT	5157.50		5205.50		5051.06	
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)						
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	4829.00		5023.00		5414.00	
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)						
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)						
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	**4829.00**		**5023.00**		**5414.00**	
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)						
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3821.00		3797.00		3756.00	
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)						
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)						
30	**Weighted average GCV of coal/ Lignite as Received**	**(kCal/Kg)**	**3821.00**		**3797.00**		**3756.00**	

(Petitioner)

Details of Secondary Fuel for Computation of Energy Charges

PART-I
FORM- 15A

Name of the Company : **NTPC Limited**
Name of the Power Station : **NCTPS St-II**

Sl.No.	Month	Unit	Oct-18		Nov-18		Dec-18	
			HFO	LDO	HFO	LDO	HFO	LDO
1	Opening Stock of Oil	KL	3,375.48	**3,092.68**	3,279.48	**3,069.68**	2,494.81	**3,041.68**
2	Value of Opening Stock	Rs.	11,60,73,864.73	**14,33,86,075.97**	11,27,72,672.70	**14,23,19,725.82**	8,57,89,898.99	**14,10,21,560.42**
3	Quantity of Oil supplied by Oil Company	KL						
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL						
5	Oil supplied by oil company (3+4)	KL	-	-	-	-	-	-
6	Normative Transit & Handling Losses	KL						
7	Net Oil Supplied (3-4)	KL	-	-	-	-	-	-
8	Amount charged by the Oil Company	(Rs)						
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)						
10	Total amount charged (6+7)	(Rs)	-	-	-	-	-	-
11	Transportation charges by rail / ship / road transport	(Rs)						
12	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)						
13	Demurrage Charges, if any	(Rs)						
14	Total Transportation Charges (9+/-10-11+12)	(Rs)						
15	Total amount charged for the Oil supplied including transportation	(Rs.)						
16	Other Charges	(Rs)						
17	Total amount charged for oil (LDO/HFO) supplied including transportation							
18	Total amount charged for the Oil as fired (stage 1)	Rs/KL						
19	Quantity of Oil at the station for the month	KL	3,375.48	**3,092.68**	3,279.48	**3,069.68**	2,494.81	**3,041.68**
20	Total amount charged for Oil	(Rs)	11,60,73,864.73	**14,33,86,075.97**	11,27,72,672.70	**14,23,19,725.82**	8,57,89,898.99	**14,10,21,560.42**
21	Landed Cost of Oil	Rs/KL	34,387.42	**46,363.05**	34,387.42	**46,363.05**	34,387.417	**46,363.05**
22	Quantity of Oil consumed (Station)	KL	96.00	**23.00**	784.67	**28.00**	144.655	**69.54**
23	Value of Oil consumed	(Rs)	33,01,192.03	**10,66,350.15**	2,69,82,773.71	**12,98,165.40**	49,74,311.81	**32,24,086.50**
24	Closing Stock of Oil	KL	3,279.475	**3,069.68**	2,494.81	**3,041.68**	2,350.15	**2,972.14**
25	Value of Closing Stock	(Rs)	11,27,72,672.70	**14,23,19,725.82**	8,57,89,898.99	**14,10,21,560.42**	8,08,15,587.18	**13,77,97,473.92**
26	Weighted average GCV of Oil on usage basis	kCal/kL		**9848.77**		**9869.57**		**9747.94**

Note: In terms of the order of Hon'ble Supreme Court regarding ban on use of HFO, main secondary fuel at Dadri is LDO w.e.f. 01.01.2019 and the same has been considered for calculation of Working Capital.

PETITIONER

Details of Source wise Fuel for Computation of Energy Charges

PART-I
FORM- 15

Name of the Company : **NTPC Ltd.**

Name of the Power Station : **NCTPS St-II**

S. No.	Month	Unit	Oct-19		Nov-19			Dec-19		
			Domestic	Imported	Domestic	Imported	Biomass	Domestic	Imported	Biomass
1	Opening Quantity of Coal/ Lignite	(MT)	4,67,257.56	6,633.16	3,66,982.05	64.45		5,21,080.94	4,787.56	-
2	Value of Stock	(Rs.)	2,53,32,05,575.00	5,65,36,736.00	1,99,20,74,135.00	5,23,256.00		2,61,44,70,242	4,05,77,440	
3	Quantity of Coal supplied by Coal Company	(MT)	1,31,857.35	20,358.00	3,68,035.17	16,236.00	867.94	4,23,208.72	35,557	1,701.845
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-	-	-				
5	Coal supplied by Coal Company (1+2)	(MT)	1,31,857.35	20,358.00	3,68,035.17	16,236.00	867.94	4,23,208.720	35,557.000	1,701.845
6	Normative Transit & Handling Losses	(MT)	1,054.859	40.716	2,944.281	32.472		3,385.670	71.114	
7	Net coal / Lignite Supplied (3-4)	(MT)	1,30,802.491	20,317.284	3,65,090.889	16,203.528	867.94	4,19,823.050	35,485.886	1,701.845
8	Amount charged by the Coal Company	(Rs.)	44,21,89,082.00	17,62,77,330.46	88,89,35,010.23	13,57,48,183.64	68,61,018.00	1,16,54,76,532.00	29,45,72,502.94	1,35,26,319.00
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	-4,73,45,135.61	-1,39,95,042.21	-4,90,90,674.14	7,83,801.19		3,56,05,731.59	15,00,961.25	
10	Handling, Sampling and such other similar charges	(Rs.)								
11	Total amount Charged (6+7)	(Rs.)	39,48,43,946.4	16,22,82,288.3	83,98,44,336.1	13,65,31,984.8	68,61,018.0	1,20,10,82,264	29,60,73,464.2	1,35,26,319
12	Transportation charges by rail, ship, road transport	(Rs.)	31,83,76,309.00	-	84,11,82,610.00	-	-	1,01,15,27,047.00	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)								
14	Demurrage Charges, if any	(Rs.)								
15	Cost of fuel in transporting coal through MGR system, if applicable	(Rs.)								
16	Total Transportation Charges (9+10+11+12)	(Rs.)	31,83,76,309.00	-	84,11,82,610.00	-	-	1,01,15,27,047.00	-	-
17	Total amount Charged for coal supplied including Transportation (8+13+13A)	(Rs.)	71,32,20,255.4	16,22,82,288.3	1,68,10,26,946	13,65,31,984.8	68,61,018	2,21,26,09,311	29,60,73,464.2	1,35,26,319
18	Landed cost of coal (14)/(5)	Rs./MT	5,428.26	8,119.31	5,017.40	8,424.85	7,904.95	5,130.26	8,359.13	7,948.03
19	Blending Ratio	%	90.42%	9.58%	95.51%	4.49%	0.00%	89.26%	10.74%	0.00%
20	**Weighted average cost of coal**	**Rs./MT**		**5,686.11**			**5,170.51**			**5,477.09**
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4726		3866			4156		
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	4427		4329			4422		
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)		5700		5698			5700	
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)		5700		5700			5700	
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	**4704**		**4140**			**4322**		
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	3601		3604			3490		
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3708		3421		3997	3757		3942
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)		5015		5158			5023	
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)		5140		5029			5041	
30	**Weighted average GCV of coal as Received**	**(kCal/Kg)**	**3694**		**3544**			**3675**		

(Petitioner)

Details of Secondary Fuel for Computation of Energy Charges

PART-I
FORM- 15A

Name of the Company :	**NTPC Limited**
Name of the Power Station :	**NCTPS St-II**

Sl.No.	Month	Unit	Oct-19		Nov-19		Dec-19	
			HFO	LDO	HFO	LDO	HFO	LDO
1	Opening Stock of Oil	KL	2,350.150	**2,381.823**	2,350.150	**4,319.433**	2,350.150	**3,430.533**
2	Value of Opening Stock	Rs.	8,08,15,587.18	**11,07,29,537.71**	8,08,15,587.18	**22,11,22,454.41**	8,08,15,587.18	**17,56,17,466.05**
3	Quantity of Oil supplied by Oil Company	KL	-	**2,842.990**				
4	Adjustment (+/-) in quantity supplied made by Oil Compar	KL	-					
5	Oil supplied by oil company (3+4)	KL	-	**2,842.990**	-	**-**		**-**
6	Normative Transit & Handling Losses	KL						
7	Net Oil Supplied (3-4)	KL	-	**2,842.990**	-	**-**		**-**
8	Amount charged by the Oil Company	(Rs)		**15,67,41,557.00**				
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)		**-**				
10	Total amount charged (6+7)	(Rs)	-	**15,67,41,557.00**	-	**-**		**-**
11	Transportation charges by rail / ship / road transport	(Rs)		**-**				
12	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)		**-**				
13	Demurrage Charges, if any	(Rs)		**-**				
14	Total Transportation Charges (9+/-10-11+12)	(Rs)		**-**				
15	Total amount charged for the Oil supplied including transportation	(Rs.)		**15,67,41,557.00**				
16	Other Charges	(Rs)	-	**-**	-	**-**		**-**
17	Total amount charged for oil (LDO/HFO) supplied including transportation		-	**15,67,41,557.00**	-	**-**	-	**-**
18	Landed Cost of Oil	Rs/KL	34,387.42	**51,192.47**	34,387.42	**51,192.47**	34,387.42	**51,192.47**
19	Blending Ratio (Domestic/ Imported)							
20	**Weighted average cost of Oil**	Rs/KL		**51,192.47**		**51,192.47**		**51,192.47**
21	GCV of Domestic Oil of the Opening Oil stock as per bill of Oil Company	(Rs)		**9,708**		**9,708**		**9,708**
22	GCV of Domestic Oil supplied as per bill of Oil Company	Rs/KL						
23	GCV of Imported Oil of the opening stock as per bill of Oil Company	KL						
24	GCV of Imported Oil supplied as per bill of Company	(Rs)						
25	Weighted average GCV of Oil/ Lignite as Billed			**9,708**		**9,708**		**9,708**
26	GCV of Domestic Oil of the Opening Oil stock as received at Station			**9,708**		**9,708**		**9,708**
27	GCV of Domestic Oil supplied as received at Station							
28	GCV of Imported Oil of the Opening Oil stock as received at Station	KL						
29	GCV of Imported Oil supplied as received at Station	(Rs)						
30	**Weighted average GCV of Oil as received**	kCal/kL		**9,708**		**9,708**		**9,708**

Note: In terms of the order of Hon'ble Supreme Court regarding ban on use of HFO, main secondary fuel at Dadri is LDO w.e.f. 01.01.2019 and the same has been considered for calculation of Working Capital.

PETITIONER

Details of Source wise Fuel for Computation of Energy Charges

PART-I
FORM- 15

Name of the Company : **NTPC Limited**

Name of the Power Station : **NCTPS St-II**

S. No.	Month		Oct-20					Nov-20					Dec-20				
			Domestic Type 1	Domestic Type 2	Domestic Type 3	Imported	Biomass	Domestic Type 1	Domestic Type 2	Domestic Type 3	Imported	Biomass	Domestic Type 1	Domestic Type 2	Domestic Type 3	Imported	Biomass
1	Opening Quantity of Coal/ Lignite	(MT)	1,88,771.95	97,403.32	-	-	-	96,832.87	2,75,459.23	19,680.92	7,912.74	-	1,04,599.01	2,98,645.41	27,508.70	23,734.54	-
2	Value of Stock	(Rs.)	97,93,89,084	42,12,73,788	-	-	-	50,36,28,352	1,23,19,44,160	7,63,42,046	6,64,48,000	-	54,05,42,057	1,33,19,13,500	10,77,95,389	20,05,82,797	-
3	Quantity of Coal supplied by Coal Company	(MT)	3,934.800	2,93,917.250	19,839.640	7,928.6	1,266.62	7,828.770	23,373.160	7,890.900	15,853.5	-	-	19,311.730	11,909.430	11,688.00	160.45
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-	-	-		-	-	-	-		-	-125.710	-	-	
5	Coal supplied by Coal Company (1+2)	(MT)	3,934.800	2,93,917.250	19,839.640	7,928.600	1,266.620	7,828.770	23,373.160	7,890.900	15,853.500	-	-	19,186.020	11,909.430	11,688.000	160.450
6	Normative Transit & Handling Losses	(MT)	31.478	2,351.338	158.717	15.857	-	62.630	186.985	63.127	31.707	-	-	154.494	95.275	23.376	-
7	Net coal / Lignite Supplied (3-4)	(MT)	3,903.322	2,91,565.912	19,680.923	7,912.743	1,266.620	7,766.140	23,186.175	7,827.773	15,821.793	-	-	19,031.526	11,814.155	11,664.624	160.450
8	Amount charged by the Coal Company	(Rs.)	1,11,61,220	61,20,29,436	3,79,31,013	6,14,49,412	1,16,78,208	1,21,80,636	4,03,39,966	1,48,63,230	12,28,39,896		-	4,02,68,360	2,28,29,785	9,10,65,276	12,90,107
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	23,06,119	2,86,78,992	8,35,785	49,98,589	-	35,06,221	46,80,351	18,67,496	1,12,94,901	-	21,64,021.00	54,38,005.00	38,79,416.00	42,75,441.00	-
10	Handling, Sampling and such other similar charges	(Rs.)															
11	Total amount Charged (6+7)	(Rs.)	1,34,67,339	64,07,08,427	3,87,66,799	6,64,48,000	1,16,78,208	1,56,86,857	4,50,20,317	1,67,30,726	13,41,34,797	-	21,64,021	4,57,06,365	2,67,09,201	9,53,40,717	12,90,107
12	Transportation charges by rail, ship, road transport	(Rs.)	92,48,827	67,76,15,895	3,75,75,247	-	-	2,12,26,848	5,49,49,024	1,47,22,617	-	-		4,54,81,076	2,25,89,677	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)															
14	Demurrage Charges, if any	(Rs.)															
15	Cost of fuel in transporting coal through MGR system, if applicable	(Rs.)															
16	Total Transportation Charges (9+10+11+12)	(Rs.)	92,48,827	67,76,15,895	3,75,75,247	-		2,12,26,848	5,49,49,024	1,47,22,617	-	-	-	4,54,81,076	2,25,89,677	-	
17	Total amount Charged for coal supplied including Transportation (8+13+13A)	(Rs.)	2,27,16,166	1,31,83,24,322	7,63,42,046	6,64,48,000	1,16,78,208	3,69,13,705	9,99,69,341	3,14,53,343	13,41,34,797	-	21,64,021	9,11,87,441	4,92,98,878	9,53,40,717	12,90,107
18	Landed cost of coal (14)/(5)	Rs./MT	5,201.01	4,472.33	3,878.99	8,397.59	9,219.98	5,167.76	4,459.85	3,918.59	8,451.09	-	5,188.44	4,479.71	3,994.99	8,359.62	8,040.55
19	Blending Ratio	%	45.51%	53.89%	0.00%	0.00%	0.60%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	64.60%	35.23%	0.00%	0.17%
20	**Weighted average cost of coal**	**Rs./MT**					**4,832.47**					**4,459.85**					**4,315.07**
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4270	4514	0			4282	4345	4367			4192	4294	4166		
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	4770	4325	4367			3101	3696	3661			0	4324	4671		
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)				0					0					5700	
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				0.00					0					5700	
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)			**4287**					**4039**					**4376**		
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	3709	3414	0			3699	3638	3439		0	3651	3593	3294		0
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3290	3643	3440		3451	3055	3060	2931		0	0	3652	3866		3677
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)				0					5330					5289	
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)				5330					5269					4825	
30	Weighted average GCV of coal as Received	(kCal/Kg)			**3639**					**3676**					**3707**		

(Petitioner)

Details of Secondary Fuel for Computation of Energy Charges

PART-I
FORM- 15A

Name of the Company :	**NTPC Ltd.**
Name of the Power Station :	**NCTPS St-II**

Sl.No.	Month	Unit	Oct-20		Nov-20		Dec-20	
			HFO	LDO	HFO	LDO	HFO	LDO
1	Opening Stock of Oil	KL	-	2,964.847	-	5,779.74	-	5,729.037
2	Value of Opening Stock	Rs.	-	15,11,93,717.39	-	24,75,59,878.31	-	24,53,88,276.75
3	Quantity of Oil supplied by Oil Company	KL	-	2,838.890				
4	Adjustment (+/-) in quantity supplied made by Oil Compar	KL						
5	Oil supplied by oil company (3+4)	KL	-	2,838.890	-	-	-	-
6	Normative Transit & Handling Losses	KL						
7	Net Oil Supplied (3-4)	KL	-	2,838.890	-	-	-	-
8	Amount charged by the Oil Company	(Rs)	-	9,73,94,138.00				
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)		-				
10	Total amount charged (6+7)	(Rs)	-	9,73,94,138.00	-	-	-	-
11	Transportation charges by rail / ship / road transport	(Rs)		-				
12	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)		-		-		-
13	Demurrage Charges, if any	(Rs)		-		-		-
14	Total Transportation Charges (9+/-10-11+12)	(Rs)		-		-		-
15	Total amount charged for the Oil supplied including transportation	(Rs.)	-	9,73,94,138.00		-		-
16	Other Charges	(Rs)		-	-	-	-	-
17	Total amount charged for oil (LDO/HFO) supplied including transportation		-	9,73,94,138.00	-	-	-	-
18	Landed Cost of Oil	Rs/KL	-	42,832.38	-	42,832.38	-	42,832.38
19	Blending Ratio (Domestic/ Imported)	%						
20	Weighted average cost of Oil	Rs/KL		**42,832.38**		42,832.38		**42,832.38**
21	GCV of Domestic Oil of the Opening Oil stock as per bill of Oil Company	kCal/kL	-	9,585.00	-	9,660.00	-	9,656.00
22	GCV of Domestic Oil supplied as per bill of Oil Company	kCal/kL	-	-	-	-	-	-
23	GCV of Imported Oil of the opening stock as per bill of Oil Company	kCal/kL						
24	GCV of Imported Oil supplied as per bill of Company	kCal/kL						
25	**Weighted average GCV of Oil/ Lignite as Billed**	kCal/kL		**9,585.00**		**9,660.00**		**9,656.00**
26	GCV of Domestic Oil of the Opening Oil stock as received at Station	kCal/kL	-	9,585.00	-	9,660.00	-	9,656.00
27	GCV of Domestic Oil supplied as received at Station	kCal/kL	-	-	-	-	-	-
28	GCV of Imported Oil of the Opening Oil stock as received at Station	kCal/kL						
29	GCV of Imported Oil supplied as received at Station	kCal/kL						
30	**Weighted average GCV of Oil as received**	kCal/kL		**9,585.00**		**9,660.00**		**9,656.00**

Note: In terms of the order of Hon'ble Supreme Court regarding ban on use of HFO, main secondary fuel at Dadri is LDO w.e.f. 01.01.2019 and the same has been considered for calculation of Working Capital.

PETITIONER

Details of Source wise Fuel for Computation of Energy Charges

PART-I
FORM- 15

Name of the Company : NTPC Ltd.
Name of the Power Station : NCTPS St-II

S. No.	Month	Unit	Oct-21					Nov-21					Dec-21				
			Domestic Type 1	Domestic Type 2	Domestic Type 3	Imported	Biomass	Domestic Type 1	Domestic Type 2	Domestic Type 3	Imported	Biomass	Domestic Type 1	Domestic Type 2	Domestic Type 3	Imported	Biomass
1	Opening Quantity of Coal/ Lignite	(MT)	22,308.43	7,016.49	2,052.82	-	-	35,870.674	59,615.175	57,164.174	22,061.041	-	39,858.712	1,11,593.455	2,60,156.719	19,050.041	57.120
2	Value of Stock	(Rs.)	14,26,41,160.00	3,19,69,904.00	81,16,559.00	-	-	20,88,00,498	25,63,99,941	22,29,35,496	27,69,67,670	-	23,48,28,971	46,75,29,649	1,01,20,73,145	23,91,65,752	4,27,636
3	Quantity of Coal supplied by Coal Company	(MT)	1,22,799.640	2,09,319.240	2,12,001.370	38,684.410	499.260	4,020.200	47,993.790	2,29,378.600	-	88.710	22,424.020	23,477.297	61,989.520	-	278.030
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-	-	-	-	-	908.440	-	-	-	-	-	-	-	-
5	Coal supplied by Coal Company (1+2)	(MT)	1,22,799.640	2,09,319.240	2,12,001.370	38,684.410	499.260	4,020.200	48,902.230	2,29,378.600	-	88.710	22,424.020	23,477.297	61,989.520	-	278.030
6	Normative Transit & Handling Losses	(MT)	982.397	1,674.554	1,696.011	77.369	-	32.162	383.950	1,835.029	-	-	179.392	187.818	495.916	-	-
7	Net coal / Lignite Supplied (3-4)	(MT)	1,21,817.243	2,07,644.686	2,10,305.359	38,607.041	499.260	3,988.038	48,518.280	2,27,543.571	-	88.710	22,244.628	23,289.479	61,493.604	-	278.030
8	Amount charged by the Coal Company	(Rs.)	39,43,94,301	35,95,58,391	40,13,95,591	36,12,60,805	37,37,769	1,61,60,613	9,62,31,506	44,79,56,464		6,64,138	8,39,57,579	5,53,63,010	12,19,00,637	-	20,81,504
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	2,68,24,713	3,16,33,126	3,17,82,188	12,34,35,376	-	2,98,633	36,32,616	1,70,38,985	-	-	1,77,01,654	1,85,30,152	4,89,34,937	-	-
10	Handling, Sampling and such other similar charges	(Rs.)															
11	Total amount Charged (6+7)	(Rs.)	42,12,19,014	39,11,91,517	43,31,77,779	48,46,96,181	37,37,769	1,64,59,246	9,98,64,122	46,49,95,450	-	6,64,138	10,16,59,233	7,38,93,162	17,08,35,574	-	20,81,504
12	Transportation charges by rail, ship, road transport	(Rs.)	27,50,84,669	50,00,82,678	38,68,84,373	-	-	90,93,380	11,87,35,567	43,66,91,509	-	-	3,47,96,756	4,75,18,679	11,68,09,372	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)															
14	Demurrage Charges, if any	(Rs.)															
15	Cost of fuel in transporting coal through MGR system, if applicable	(Rs.)															
16	Total Transportation Charges (9+10+11+12)	(Rs.)	27,50,84,669	50,00,82,678	38,68,84,373	-		90,93,380	11,87,35,567	43,66,91,509	-	-	3,47,96,756	4,75,18,679	11,68,09,372	-	
17	Total amount Charged for coal supplied including Transportation (8+13+13A)	(Rs.)	69,63,03,682	89,12,74,195	82,00,62,152	48,46,96,181	37,37,769	2,55,52,626	21,85,99,689	90,16,86,959	-	6,64,138	13,64,55,989	12,14,11,841	28,76,44,946	-	20,81,504
18	Landed cost of coal (14)/(5)	Rs./MT	5,820.93	4,300.94	3,899.91	12,554.61	7,486.62	5,879.60	4,392.72	3,950.09	12,554.61	7,486.62	5,978.50	4,366.32	4,040.78	12,554.61	7,486.62
19	Blending Ratio	%	23.04%	32.41%	38.77%	5.61%	0.17%	0.00%	0.00%	87.39%	12.48%	0.13%	16.69%	17.86%	60.99%	4.46%	0.00%
20	Weighted average cost of coal	Rs./MT					**4,964.01**					**5,028.70**					**4,802.26**
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	5640	4203	4398		0	4046	3991	4226		3109	4180	3907	4303		3090
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	4260	3856.96	4276.25		2953.36	5394	3884	4306		3109	4250	3998	4260		3677
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)				0					0					4809	
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				0					4809					0	
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)			**3660**					**3660**					**4151**		
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	4155	3833	3286		0	3963	4095	3577		3109	4105	3964	3684		3090
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3977.13	3697.17	3584.96		2953.36	5394	3807	3694		3109	3913	3674	3730		3677
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)				0					4809					4809	
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)				0.00					0					0	
30	**Weighted average GCV of coal as Received**	**(kCal/Kg)**			**3744**					**3744**					**3840**		

(Petitioner)

Details of Secondary Fuel for Computation of Energy Charges

PART-I
FORM- 15A

Name of the Company :	**NTPC Ltd.**
Name of the Power Station :	**NCTPS St-II**

Sl.No.	Month	Unit	Oct-21	Nov-21	Dec-21
			LDO	LDO	LDO
1	Opening Stock of Oil	KL	4,449.967	4,302.877	4,188.067
2	Value of Opening Stock	Rs.	22,82,56,700.34	22,07,11,862.79	21,48,22,796.24
3	Quantity of Oil supplied by Oil Company	KL	-	-	-
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL			
5	Oil supplied by oil company (3+4)	KL	-	-	-
6	Normative Transit & Handling Losses	KL			
7	Net Oil Supplied (3-4)	KL	-	-	-
8	Amount charged by the Oil Company*	(Rs)	-	-	-
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)	-	-	-
10	Total amount charged (6+7)	(Rs)	-	-	-
11	Transportation charges by rail / ship / road transport	(Rs)	-		
12	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)	-		
13	Demurrage Charges, if any	(Rs)	-		
14	Total Transportation Charges (9+/-10-11+12)	(Rs)	-		
15	Total amount charged for the Oil supplied including transportation	(Rs.)	-		
16	Other Charges	(Rs)	-	-	-
17	Total amount charged for oil (LDO/HFO) supplied including transportation	(Rs)	-	-	-
18	Landed Cost of Oil	Rs/KL	51,294.02	51,294.02	51,294.02
19	Blending Ratio (Domestic/ Imported)	%			
20	**Weighted average cost of Oil**	**Rs/KL**	**51,294.02**	**51,294.02**	**51,294.02**
21	GCV of Domestic Oil of the Opening Oil stock as per bill of Oil Company	kCal/kL	9,665	9,648	9,654
22	GCV of Domestic Oil supplied as per bill of Oil Company	kCal/kL	-		
23	GCV of Imported Oil of the opening stock as per bill of Oil Company	kCal/kL			
24	GCV of Imported Oil supplied as per bill of Company	kCal/kL			
25	Weighted average GCV of Oil/ Lignite as Billed	kCal/kL	**9,665**	**9,648**	**9,654**
26	GCV of Domestic Oil of the Opening Oil stock as received at Station	kCal/kL	9,665	9,648	9,654
27	GCV of Domestic Oil supplied as received at Station	kCal/kL	-	-	-
28	GCV of Imported Oil of the Opening Oil stock as received at Station	kCal/kL			
29	GCV of Imported Oil supplied as received at Station	kCal/kL			
30	Weighted average GCV of Oil as received	kCal/kL	**9,665**	**9,648**	**9,654**

Note: In terms of the order of Hon'ble Supreme Court regarding ban on use of HFO, main secondary fuel at Dadri is LDO w.e.f. 01.01.2019 and the same has been considered for calculation of Working Capital.

PETITIONER

Details of Source wise Fuel for Computation of Energy Charges

PART-I

FORM- 15

Name of the Company :		**NTPC Ltd.**						
Name of the Power Station :		**NCTPS St-II**						
S. No.		**Unit**	**Oct-22**					
			Domestic Type 1	**Domestic Type 2**	**Domestic Type 3**	**Domestic Type 4**	**Imported**	**Biomass**
1	Opening Quantity of Coal/ Lignite	(MT)	37,039.461	9,927.132	-	36,276.844	1,56,603.861	-
2	Value of Stock	(Rs.)	23,84,18,967.310	3,95,53,380	-	17,05,37,405	3,07,50,69,787	-
3	Quantity of Coal supplied by Coal Company*	(MT)	28,564.950	3,30,150.650	-	1,02,177.700	-	-
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-		-	-	-	
5	Coal supplied by Coal Company (1+2)	(MT)	28,564.950	3,30,150.650	-	1,02,177.700	-	-
6	Normative Transit & Handling Losses	(MT)	228.520	2,641.205	-	817.422	-	-
7	Net coal / Lignite Supplied (3-4)	(MT)	28,336.430	3,27,509.445	-	1,01,360.278	-	-
8	Amount charged by the Coal Company*	(Rs.)	11,27,88,423	84,94,25,024	-	26,05,56,022	-	-
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	-	-	-	-	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	2,86,587	33,12,344	-	10,25,131	-	-
11	Total amount Charged (6+7)	(Rs.)	11,30,75,010	85,27,37,368	-	26,15,81,153	-	-
12	Transportation charges by rail, ship, road transport	(Rs.)	8,35,61,646	53,97,04,558	-	23,04,71,919	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)						
14	Demurrage Charges, if any	(Rs.)						
15	Cost of fuel in transporting coal through MGR system, if applicable	(Rs.)						
16	Total Transportation Charges (9+10+11+12)	(Rs.)	8,35,61,646	53,97,04,558	-	23,04,71,919	-	
17	Total amount Charged for coal supplied including Transportation (8+13+13A)	(Rs.)	19,66,36,656	1,39,24,41,926	-	49,20,53,072	-	-
18	Landed cost of coal (14)/(5)	Rs./MT	6,654.68	4,243.75	-	4,814.04	19,635.98	-
19	Blending Ratio	%	0.00%	70.18%	0.00%	9.98%	19.85%	0.00%
20	Weighted average cost of coal	Rs./MT						**7,355.37**
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4714	4083	0	4593	5116	0
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	5150	4126	0	4601	0	0
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)					5116	
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)					0	
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	**4283**					
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	4392	3396	0	3672	5005	0
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	4687	3260	0	3654	0	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)					5005	
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)					0.00	
30	Weighted average GCV of coal as Received	(kCal/Kg)	**3650**					

(Petitioner)

Details of Source wise Fuel for Computation of Energy Charges

PART-I
FORM- 15

Name of the Company : **NTPC Ltd.**
Name of the Power Station : **NCTPS St-II**

S. No.		Unit	Nov-22					
			Domestic Type 1	Domestic Type 2	Domestic Type 3	Domestic Type 4	Imported	Biomass
1	Opening Quantity of Coal/ Lignite	(MT)	64,775.89	41,827.58	-	87,428.33	78,306.86	-
2	Value of Stock	(Rs.)	43,10,62,814.90	17,75,05,498.95	-	41,92,74,503.49	1,53,76,31,695.59	-
3	Quantity of Coal supplied by Coal Company*	(MT)	46,801.32	3,07,470.58	-	1,37,745.57	19,858.40	-
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-	-	-	-	-
5	Coal supplied by Coal Company (1+2)	(MT)	46,801.32	3,07,470.58	-	1,37,745.57	19,858.40	-
6	Normative Transit & Handling Losses	(MT)	374.41	2,459.77	-	1,101.96	39.72	-
7	Net coal / Lignite Supplied (3-4)	(MT)	46,426.91	3,05,010.82	-	1,36,643.61	19,818.68	-
8	Amount charged by the Coal Company*	(Rs.)	22,65,73,056.93	61,83,89,788.02	-	33,30,80,121.45	38,10,22,842.59	-
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	-	-	-	-	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	10,79,346.01	72,81,633.77	-	31,76,588.51	-	
11	Total amount Charged (6+7)	(Rs.)	22,76,52,402.94	62,56,71,421.79	-	33,62,56,709.96	38,10,22,842.59	-
12	Transportation charges by rail, ship, road transport	(Rs.)	11,51,58,496.77	60,71,68,593.03	-	31,32,41,859.26	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)						
14	Demurrage Charges, if any	(Rs.)						
15	Cost of fuel in transporting coal through MGR system, if applicable	(Rs.)						
16	Total Transportation Charges (9+10+11+12)	(Rs.)	11,51,58,496.77	60,71,68,593.03	-	31,32,41,859.26	-	-
17	Total amount Charged for coal supplied including Transportation (8+13+13A)	(Rs.)	34,28,10,899.71	1,23,28,40,014.82	-	64,94,98,569.22	38,10,22,842.59	-
18	Landed cost of coal (14)/(5)	Rs./MT	6,959.12	4,066.29	-	4,769.78	19,553.06	-
19	Blending Ratio	%	11.56%	54.94%	0.00%	25.59%	7.91%	0.00%
20	Weighted average cost of coal	Rs./MT						**5,806.53**
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4588	4078	0	4660	5116	0
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	5417	4121	0	4601	4955	0
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)					5116	
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)					4955	
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	4316					
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	3786	3204	0	3679	5005	0
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3540	3530	0	3976	4955	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)					5005	
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)					4955	
30	Weighted average GCV of coal as Received	(kCal/Kg)	**3728**					

(Petitioner)

Details of Source wise Fuel for Computation of Energy Charges

PART-I
FORM- 15

Name of the Company :		**NTPC Ltd.**						
Name of the Power Station :		**NCTPS St-II**						
S. No.		**Unit**	**Dec-22**					
			Domestic Type 1	**Domestic Type 2**	**Domestic Type 3**	**Domestic Type 4**	**Imported**	**Biomass**
1	Opening Quantity of Coal/ Lignite	(MT)	80,677.80	71,940.39	-	1,10,668.94	67,932.54	-
2	Value of Stock	(Rs.)	56,14,46,546.08	29,25,30,525.35	-	52,78,66,051.58	1,32,82,89,027.79	-
3	Quantity of Coal supplied by Coal Company*	(MT)	54,790.56	3,24,388.90	-	1,44,062.02	39,302.20	-
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-	-	-	-	-
5	Coal supplied by Coal Company (1+2)	(MT)	54,790.56	3,24,388.90	-	1,44,062.02	39,302.20	-
6	Normative Transit & Handling Losses	(MT)	438.32	2,595.11	-	1,197.44	78.60	-
7	Net coal / Lignite Supplied (3-4)	(MT)	54,352.24	3,21,793.79	-	1,42,864.58	39,223.60	-
8	Amount charged by the Coal Company*	(Rs.)	25,68,33,213.18	77,55,92,455.85	-	35,18,09,848.02	73,61,57,302.35	-
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)					-	-
10	Handling, Sampling and such other similar charges	(Rs.)	5,42,03,532.28	33,15,29,084.44	-	15,39,70,400.39		
11	Total amount Charged (6+7)	(Rs.)	31,10,36,745.46	1,10,71,21,540.29	-	50,57,80,248.41	73,61,57,302.35	-
12	Transportation charges by rail, ship, road transport	(Rs.)	11,32,40,659.76	66,51,13,599.82	-	35,10,31,143.94	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)						
14	Demurrage Charges, if any	(Rs.)						
15	Cost of fuel in transporting coal through MGR system, if applicable	(Rs.)						
16	Total Transportation Charges (9+10+11+12)	(Rs.)	11,32,40,659.76	66,51,13,599.82	-	35,10,31,143.94	-	-
17	Total amount Charged for coal supplied including Transportation (8+13+13A)	(Rs.)	42,42,77,405.22	1,77,22,35,140.11	-	85,68,11,392.35	73,61,57,302.35	-
18	Landed cost of coal (14)/(5)	Rs./MT	7,300.03	5,244.06	-	5,461.52	19,265.78	-
19	Blending Ratio	%	6.04%	58.93%	0.00%	25.43%	9.60%	0.00%
20	Weighted average cost of coal	Rs./MT						**6,770.06**
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4850	4114	0	4600		0
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	4934	3815	0	4485		0
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)					5084	
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)					5050.00	
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	**4130**					
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	3674	3683	0	3880		0
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3968	3389	0	4038		0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)					4995	
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)					5155	
30	Weighted average GCV of coal as Received	(kCal/Kg)	**3753**					

(Petitioner)

Details of Secondary Fuel for Computation of Energy Charges

PART-I
FORM- 15A

Name of the Company :	**NTPC Ltd.**
Name of the Power Station :	**NCTPS St-II**

Sl.No.	Month	Unit	Oct-22	Nov-22	Dec-22
			LDO	LDO	LDO
1	Opening Stock of Oil	KL	2,964.25	5,741.78	5,587.62
2	Value of Opening Stock	Rs.	20,02,06,547.76	45,98,44,105.96	44,74,97,519.73
3	Quantity of Oil supplied by Oil Company	KL	3,156.45	-	-
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	-	-	-
5	Oil supplied by oil company (3+4)	KL	3,156.45	-	-
6	Normative Transit & Handling Losses	KL	-	-	-
7	Net Oil Supplied (3-4)	KL	3,156.45	-	-
8	Amount charged by the Oil Company*	(Rs)	28,47,06,963.00	-	-
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)	-	-	-
10	Total amount charged (6+7)	(Rs)	28,47,06,963.00	-	-
11	Transportation charges by rail / ship / road transport	(Rs)	-		
12	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)	-	-	-
13	Demurrage Charges, if any	(Rs)	-	-	-
14	Total Transportation Charges (9+/-10-11+12)	(Rs)	-	-	-
15	Total amount charged for the Oil supplied including transportation	(Rs.)	28,47,06,963.00		
16	Other Charges	(Rs)	-	-	-
17	Total amount charged for oil (LDO/HFO) supplied including transportation	(Rs)	28,47,06,963.00		
18	Landed Cost of Oil	Rs/KL	79,225.17	80,087.35	80,087.35
19	Blending Ratio (Domestic/ Imported)	%			
20	Weighted average cost of Oil	Rs/KL	79,225.17	80,087.35	80,087.35
21	GCV of Domestic Oil of the Opening Oil stock as per bill of Oil Company	kCal/kL	9,665.00	9,672.00	9,680.00
22	GCV of Domestic Oil supplied as per bill of Oil Company	kCal/kL	-		
23	GCV of Imported Oil of the opening stock as per bill of Oil Company	kCal/kL			
24	GCV of Imported Oil supplied as per bill of Company	kCal/kL			
25	Weighted average GCV of Oil/ Lignite as Billed	kCal/kL	9,665.00	9,672.00	9,680.00
26	GCV of Domestic Oil of the Opening Oil stock as received at Station	kCal/kL	9,665.00	9,672.00	9,680.00
27	GCV of Domestic Oil supplied as received at Station	kCal/kL	-		
28	GCV of Imported Oil of the Opening Oil stock as received at Station	kCal/kL			
29	GCV of Imported Oil supplied as received at Station	kCal/kL			
30	**Weighted average GCV of Oil as received**	kCal/kL	**9,665.00**	**9,672.00**	**9,680.00**

Note: In terms of the order of Hon'ble Supreme Court regarding ban on use of HFO, main secondary fuel at Dadri is LDO w.e.f. 01.01.2019 and the same has been considered for calculation of Working Capital.

PETITIONER

Computation of Energy Charges

Form-15B
ADDITIONAL FORM

Name of the Company	**NTPC Ltd.**
Name of the Power Station	**NCTPS St-II**

		2019-20	2020-21	2021-22	2022-23	2023-24
No of Days in the year	Days	366	365	365	365	366
Sp. Oil consumption	ml/kwh	0.5	0.5	0.5	0.5	0.5
Auxiliary consumption	%	5.75	5.75	5.75	5.75	5.75
Heat Rate	Kcal/Kwh	2,362.50	2,362.50	2,362.50	2,362.50	2362.50
Computation of Variable Charges						
Variable Charge (Coal)	p/kwh	338.993	374.401	308.828	326.704	447.918
Variable Charge (Oil)	p/kwh	2.460	2.716	2.272	2.721	4.233
Total	p/kwh	341.452	377.117	311.101	329.425	452.151
Price of fuel from Form-15/15A						
Coal Cost	(Rs./MT)	5138.02	5444.56	4535.78	4931.56	6643.71
Oil Cost	(Rs./KL)	46363.05	51192.47	42832.38	51294.02	79799.96
Coal GCV (After Adjustment)	(kCal/Kg)	3791.33	3637.67	3674.00	3776.00	3710.33
Oil GCV	(Rs./KL)	9822.09	9708.00	9633.67	9655.67	9672.33
Computation of Fuel Expenses for Calculation of IWC:						
ESO in a year	(MUs)	6896.34	6877.50	6877.50	6877.50	6896.34
Cost of coal for 50 Days	(Rs. Lakh)	31937.30	35273.16	29095.44	30779.55	42199.36
Cost of oil for 2 months	(Rs. Lakh)	282.70	311.30	260.46	311.91	486.59
Energy Expenses for 45 days	(Rs. Lakh)	28952.12	31976.12	26378.57	27932.33	38338.38
Rate of Energy Charge from	$= (Q_s)_n \times P_s$	2.3181525	2.559623618	2.141618886	2.564701045	3.989997863
Heat Contribution from SFO / Alternate Fuel	$= (Qs)_n \times (GCV)_s$	4.91	4.85	4.82	4.83	4.84
Heat Contribution from coal	$= GHR - H_s$	2,357.59	2,357.65	2,357.68	2,357.67	2,357.66
Specific Primary Fuel Consumption	$= H_p / (GCV)_p$	0.62	0.65	0.64	0.62	0.64
Rate of Energy charge from Primary Fuel (p/kwh)	$(REC)_p$	319.50	352.87	291.07	307.92	422.16
Rate of Energy charge ex-bus (p/kWh)	$= ((REC)_s + (REC)_p / (1-(AUX))$	341.45	377.12	311.10	329.43	452.15

PETITIONER

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2019-20**

In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	**Amount**					
1	KNIFE GATE VALVE FLGD. A47 CL-150 300MM	1.76	N	N	N	N	In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spare parts of equipment which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
2	KNIFE GATE VALVE FLGD. A47 CL-150 400MM	6.14	N	N	N	N	
3	KNIFE GATE VALVE FLGD. A47 CL-300 300MM	0.02	N	N	N	N	
4	KNF GV:FLNG-A216/WCB:CL-150:NB-250MM	1.54	N	N	N	N	
5	KNF GV:FLNG-FG260:CL-150:NB-350MM	0.83	N	N	N	N	
6	BEARING,RLR,THRUST TAPERED,SINGLE,T11000	4.59	N	N	N	N	
7	BEARING,ROLLER,SPHERICAL,294/500	64.94	N	N	N	N	
8	COMP ASSY,FLUIDOMAT,COUPLING,SC-14	51.98	N	N	N	N	
9	GEAR BOX,FLENDER,KZA225	7.54	N	N	N	N	
10	GEAR BOX,KUMERA OY,LB2315TJ,18:1	21.55	N	N	N	N	
11	GEAR BOX,KUMERA OY,LB2355TJ,18:1	25.76	N	N	N	N	
12	GEAR COUPLING:HKA 180 KUMERA OY	0.38	N	N	N	N	
13	PUMP:HEAD	8.08	N	N	N	N	
14	PUMP:HEAD(40-50M):FLOW(50-60M3/HR)	2.08	N	N	N	N	
15	THRUST BEARING,MITCHELL,PUMP,EN6J40	20.52	N	N	N	N	
16	EN5J40:PUMP SHAFT UPPER	2.32	N	N	N	N	
17	EN5J40:PUMP SHAFT LOWER	1.31	N	N	N	N	
18	FA1B75:THRUST BEARING	2.94	N	N	N	N	
19	JOURNAL BRG.HALF-DE#10-WEIR BFP-PR:FKE36	1.64	N	N	N	N	
20	JOURNAL BRG.HALF:NDE#75-WEIR BFP-FK4E36	1.76	N	N	N	N	
21	THRUST BRG#78-WEIR BFP-PR.PUMP:FK4E36	2.71	N	N	N	N	
22	FK4E36:MECHANICAL SEAL (DE)	6.56	N	N	N	N	
23	JOURNAL BRG NO:4,FK6D30, BHEL HP-BFP	0.20	N	N	N	N	
24	PUMP STATOR WATER ,KSB CPK - 50 / 200	0.65	N	N	N	N	
25	7M/13 STAGE:COMPLETE PUMP ASSY	9.71	N	N	N	N	
26	FIG 6360-14":COMP PUMP ASSY	15.59	N	N	N	N	
27	TURBINE PUMP ASSY,FAIRBANKS,FIG 7000 14M	19.24	N	N	N	N	
28	SLUDGE PUMP ASSY.MCNALLY BHARAT VASA302	2.90	N	N	N	N	
29	PUMP,ESP,SLUDGE/SLURRY,HITACHI,HSW15 A	26.53	N	N	N	N	
30	A4VG56EP4D1:COMPLETE ASSY	4.09	N	N	N	N	
31	PUMP ASSY,9MD 100/250 D	5.77	N	N	N	N	
32	PUMP ASSY,T3ST-90/42L	16.46	N	N	N	N	
33	PUMP ASSY,T3ST-80/46	24.95	N	N	N	N	
34	COMPLETE VACUUM PUMP-140	71.04	N	N	N	N	
35	BOWL ASSY RW PP WPIL MAKE (MOD:RH24TC)	6.04	N	N	N	N	
36	BOCK INDIA MAKE COMPRESSOR OF 28 TR	2.80	N	N	N	N	
37	PISTON ASSY. 350MM FOR COMP 2HA2QT	1.33	N	N	N	N	

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2019-20**

In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	Amount					
38	PISTON ASSY. 210MM FOR COMP 2HA2QT	1.01	N	N	N	N	In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spare parts of equipment which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
39	PISTON 310DIAMODEL NO.2HA2TERT	0.79	N	N	N	N	
40	PISTON 2HA2TERT	1.29	N	N	N	N	
41	PISTON ASSY,36040440,KPCL,1 HB 4 BIST	12.94	N	N	N	N	
42	ELEMENT ASSY,286.10.014.50,KOBELCO	53.78	N	N	N	N	
43	2ND STAGE ASSY,286.10.015.50,KOBELCO	48.03	N	N	N	N	
44	VACUUM PUMP,USHA,URV-1610	60.54	N	N	N	N	
45	PORTABLE AIR BLOWER,COMPLETE INSULATED	1.77	N	N	N	N	
46	A-174-01-PS:COMPLETE ASSY:	0.39	N	N	N	N	
47	COMPLETE VALVE ASSY,Q07-1628-004	6.33	N	N	N	N	
48	AO(C)DN250:COMPLETE ASSEMBLY:	7.65	N	N	N	N	
49	ANGLE VALVE ASSY,80 0914 16 X,SEMPELL AG	9.82	N	N	N	N	
50	312-632:F22:DN25/40:BW:COMP VALVE ASSY	6.16	N	N	N	N	
51	MAL-11DN50/65:COMPLETE ASSY.:	12.08	N	N	N	N	
52	GRINDING ROLL,1-61-088-01019&28,BHEL	46.91	N	N	N	N	
53	SET OF BULL RING SEGMENTS,	14.72	N	N	N	N	
54	COLLECTING ELECTRODE SIZE 750MMX13500MM	1.59	N	N	N	N	
55	IC CONTROLLER(BAPCON)FOR ESP-I&II;	19.82	N	N	N	N	
56	BYPASS REG VLV F/ MS LINE ISOLATION VLV	4.96	N	N	N	N	
57	DRUM EMERGENCY DRAIN,B115,BHEL,BOILER	4.17	N	N	N	N	
58	CBD BYPASS INLET-ISOL VALVE PART NO.B111	3.79	N	N	N	N	
59	COAL COMPARTMENT ASSY DP STY-03(COR 2&4)	19.64	N	N	N	N	
60	COAL COMPARTMENT ASSY DP STY 01(COR 1&3)	4.91	N	N	N	N	
61	COAL COMPARTMENT ASSY DP STY-03(COR1&3))	24.55	N	N	N	N	
62	COAL COMPARTMENT ASSY DP STY-01(COR 2 &4	4.91	N	N	N	N	
63	COAL COMPARTMENT ASSY DP STY-02(COR2&4)	19.64	N	N	N	N	
64	COAL COMPARTMENT ASSY DP STY-02(COR 1&3)	14.73	N	N	N	N	
65	RADIAL SEAL,NCT/BM-04,05&06,BHEL,2X490MW	3.63	N	N	N	N	
66	RADIAL SEAL,NCT/BM-01&02,BHEL,2X490MW	3.87	N	N	N	N	
67	GRINDING ROLLXRP1003BOWLMILL IN7	31.03	N	N	N	N	
68	BEVEL PINION SHAFT:KMP 300:XRP 1003 MILL	20.74	N	N	N	N	
69	MDV ASSEMBLY OF XRP 1003 MILLS	49.30	N	N	N	N	
70	BULL RING ASSY.FOR XRP 1003 MILL	7.50	N	N	N	N	
71	SEALING RING DRG:11051410008/06	10.60	N	N	N	N	
72	REGULATION CUBICLE,TURBO GENERATOR	47.23	N	N	N	N	
73	DP REGULATING VALVE,9149320100100009	17.03	N	N	N	N	
74	SO COOLER TUBE NEST DRG TG127 5 14929 01	3.66	N	N	N	N	

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2019-20**

In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	Amount					
75	DP REGULATING VALVE,9149320100100008	17.03	N	N	N	N	In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spare parts of equipment which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
76	TILTING PADS, FOR THRUST BRG.	0.57	N	N	N	N	
77	ANGLE DRN VV-BPV101,102-MSV101,102-50/65	22.39	N	N	N	N	
78	SEAL RING FOR EE 500MW GENERATOR	2.87	N	N	N	N	
79	SEALING RING DRGNO 1154010100000	1.64	N	N	N	N	
80	FUSE , BHEL ASSLY DRG. NO.01431001006	25.06	N	N	N	N	
81	SPARE FOR GEN. DIODE	3.98	N	N	N	N	
82	BEARING SHELL ASSY,91390101000	14.75	N	N	N	N	
83	FUSE PART NO 39 FOR DIODE WHEEL ASSEMBLY	7.23	N	N	N	N	
84	1600:PULLEY-DXL800X1600SHAFT D160	0.32	N	N	N	N	
85	1600:PULLEY-DXL800X1600SHAFT D140	0.21	N	N	N	N	
86	GEAR BOX CONSISTING OF INTERNAL	2.68	N	N	N	N	
87	KG VALVE WITHOUT ACTUATOR SIZE:150MM	0.65	N	N	N	N	
88	900X900:STROKE CYL ASSY	5.54	N	N	N	N	
89	EL OP. HOIST-1.01-1.5T:ELECTRICAL HOIST	1.85	N	N	N	N	
90	SPRAY NOZZLE RD, 1/2 6.6MM PT-9222V621	0.02	N	N	N	N	
91	SPRAY NOZZLE RD1/2 8.3MM 3069PT-9222V622	0.02	N	N	N	N	
92	SPRAY NOZZLE RD 1/2 9.2MM -3071,9222V624	0.02	N	N	N	N	
93	TURBO SUPERCHARGER	29.33	N	N	N	N	
94	ELECTRONIC GOVERNOR,12111065,DLW	9.70	N	N	N	N	
95	MOTR SQL 415V:125KW:6P:B3,TEFC:FR:315L	5.25	N	N	N	N	
96	MOTOR,SQ CAGE IND,415VAC,3PH,355S,B3	4.81	N	N	N	N	
97	MOTOR,COMPD WOUND,260VDC,250S,V1,3000RPM	38.85	N	N	N	N	
98	MOTOR,DBL SQ CAGE IND,3.3KV,ILA7638-6,B3	35.84	N	N	N	N	
99	SCIM 3PH, 415V AC, 200KW,1490 RPM,FRAME	3.64	N	N	N	N	
100	XFMR,POWER,1.1KV,0.265KV,0.5MVA,3PH,DY11	7.14	N	N	N	N	
101	XFMR,CURR,1600A,245KV	21.11	N	N	N	N	
102	220 KV CT 1600/1 A WITH MARSHALLING BOX	21.11	N	N	N	N	
103	XFMR,CURR: OSKF-420,400KV,20VA,5	181.89	N	N	N	N	
104	CVT 400 KV/110 V,TYPE CVE/420/1425	9.99	N	N	N	N	
105	CBCT-50/1; ID-120MM;VOLT :11KV	0.04	N	N	N	N	
106	XYMR:BHEL:45MVA,21/11.5KV:LV BUSHING+	0.32	N	N	N	N	
107	XYMR:BHEL:200MVA,420/21KV:OIL FLOW METER	0.08	N	N	N	N	
108	NUMERICAL FEEDER PROTECTION RELAY 1A	3.00	N	N	N	N	
109	RELAY,NUMERIC/DIGITAL,1A,REF-615,ABB	1.09	N	N	N	N	
110	RELY NUM:220VDC:REM-615,ABB:GNBA1BBN1XD	2.81	N	N	N	N	
111	CHEK SYNCHRO RELAY TYPE RASC ABB MAKE	0.81	N	N	N	N	

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**	
Name of the Generating Station	**NCTPS St-II**	
COD	**31-07-2010**	
For Financial Year	**2019-20**	In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	**Amount**					
112	LEVEL OSCILLATOR,ELEKTRONIKA,ET 91	10.29	N	N	N	N	It is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
113	SOL.VALVE FOR TDBFP,P.N.2432580.1480.024	9.32	N	N	N	N	
114	COMPLETE ACTUATOR LEAK/SEAL STEAM ACT	12.68	N	N	N	N	
115	SENSOR MOUNTED RAIL FOR IN MOTION WEIGH	4.37	N	N	N	N	
116	WEIGHERS:BELT WEIGHER:FOR REMOTE COUNTER	9.13	N	N	N	N	
117	BEACONROTORK MOT ACTUATOR 450MM K150F10E	0.37	N	N	N	N	
118	COMPLETE ACTUATOR TYPE: SA25.1-F25,AUMA	16.67	N	N	N	N	
119	SCOOP TUBE,ABB,ACTUATOR,RHD250-10	18.59	N	N	N	N	
120	INSPECTA Mpuadc 2.1 complete	3.06	N	N	N	N	
121	CJC BOX 6 POINT	0.17	N	N	N	N	
122	ANALOG I/P CARD(ISO.)IOP301 MAX-DNA BHEL	1.20	N	N	N	N	
123	ANALG O/P CARD,IOP320,692301320A,MAX-DNA	0.40	N	N	N	N	
124	DIGTAL O/P CARD,MAXDNA,IOP351,692301351A	0.10	N	N	N	N	
125	LARGE VIDEO SCREEN: 67",LED DISPLAY CUBE	11.14	N	N	N	N	
	Total	1,626.92					
	Proportionate amount For Dadri-II	**876.03**					

Petitioner

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**	
Name of the Generating Station	**NCTPS St-II**	
COD	**31-07-2010**	
For Financial Year	**2020-21**	In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	**Amount**					
1	VALVE,GA,BW,CS,A216-WCB,CL600,200NB,BHEL	4.24	N	N	N	N	In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spare parts of equipment which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
2	CI GLOBE VALVE 65 NB RISING SPINDLE TYPE	0.03	N	N	N	N	
3	KNIFE GATE VALVE FLGD. A47 CL-300 300MM	0.01	N	N	N	N	
4	ASSY,FLUIDOMAT,COUPLING,SC-10	18.50	N	N	N	N	
5	GEAR BOX:1512/1 COMP.CYCLO TRANSMISSION	49.56	N	N	N	N	
6	COMP ASSY,ELECON,GEAR BOX,KCN250	8.21	N	N	N	N	
7	LOHMANN:GPF-245S:COMPLETE ASSY.	0.25	N	N	N	N	
8	:ELECON:ED6200:COMP ASSY	1.17	N	N	N	N	
9	DRC 150/150:COMPLETE ASSY.	5.43	N	N	N	N	
10	HP ASH WATER PUMP TYPE BW-FRF 7STG	15.04	N	N	N	N	
11	L P PUMP MODEL SDC 150/200 BEACON WEIR	3.19	N	N	N	N	
12	JOURNAL BRG.HALF-DE#10-WEIR BFP-PR:FKE36	1.64	N	N	N	N	
13	JOURNAL BRG.HALF:NDE#75-WEIR BFP-FK4E36	0.88	N	N	N	N	
14	THRUST BRG#78-WEIR BFP-PR.PUMP:FK4E36	2.71	N	N	N	N	
15	PUMP ASSY,KBL,DSM 125/40	6.48	N	N	N	N	
16	PUMP ASSY,KBL,UP 250/30	6.63	N	N	N	N	
17	2BW4 353OZL49-Z:TUBE BUNDLE	4.66	N	N	N	N	
18	COMPLETE VACUUM PUMP-140	63.14	N	N	N	N	
19	COMPRESSOR 15 TR MODEL SMC-465	1.05	N	N	N	N	
20	PISTON 210MM FOR AIR COMPRESSORE 2HA2QT	2.80	N	N	N	N	
21	HALF PISTON HP 185 P35320280 2HA4TERTKGK	0.20	N	N	N	N	
22	2HA-4TER:MP AIR COMP:PISTON HALF LP	0.62	N	N	N	N	
23	CLYINDER 185DIA HANDLE M-2HA4TERT	1.38	N	N	N	N	
24	2ND STAGE ASSY,286.10.015.50,KOBELCO	48.03	N	N	N	N	
25	INTERCOOLER ASSY,2861001750,ALE290WE	30.74	N	N	N	N	
26	AC470:CRANKSHAFT	0.22	N	N	N	N	
27	VACUUM PUMP,USHA,URV-1610	20.70	N	N	N	N	
28	GRINDING ROLL,1-61-088-01019&28,BHEL	23.46	N	N	N	N	
29	WORM SHAFT SET,BHEL,XRP-883,210MW	76.89	N	N	N	N	
30	PILOT VALVE ASSY,0303084745999	1.97	N	N	N	N	
31	150NB S/UP VENT GATE V/V ASSY ,2500 CL	9.33	N	N	N	N	
32	BLADE,BHEL,BOILER,200/210MW	73.74	N	N	N	N	
33	SET OF BULL RING SEGMENTS,	7.36	N	N	N	N	
34	GRINDING ROLLXRP1003BOWLMILL IN7	93.09	N	N	N	N	
35	BULL RING ASSY.FOR XRP 1003 MILL	22.51	N	N	N	N	
36	SEALING RING,01050501000/3,BHEL	15.89	N	N	N	N	
37	SEALING RING DRG:11051410008/06	10.60	N	N	N	N	
38	MOVING BLADE L.P.3L DRG.01030701000/03	517.42	N	N	N	N	

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**	
Name of the Generating Station	**NCTPS St-II**	
COD	**31-07-2010**	
For Financial Year	**2020-21**	In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	**Amount**					
39	COMPENSATOR DN400 DRG:31074301200/03	4.47	N	N	N	N	In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spare parts of equipment which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
40	DP REGULATING VALVE,9149320100100009	17.03	N	N	N	N	
41	DP REGULATING VALVE,9149320100100008	34.05	N	N	N	N	
42	ANGLE DRN VV-BPV101,102-MSV101,102-50/65	14.93	N	N	N	N	
43	BRAKE B0700F,PARKER	4.85	N	N	N	N	
44	GEAR BOX,159008&C,ELECON EPC,TP/282	14.00	N	N	N	N	
45	deletedBEARING FOR TYPE LB 2315 CONVEYOR	0.05	N	N	N	N	
46	GRINDER ASSY,600X900MM	4.79	N	N	N	N	
47	ACB:3P,D/OUT TYP SHUNT RELES 2500A ABB	2.41	N	N	N	N	
48	METAL OXIDE GAPLESS 390KV SURGE ARRESTOR	5.18	N	N	N	N	
49	SURG ARSTR:220KV,METOVAR GLES ZAQ,OBLUM	2.41	N	N	N	N	
50	LIGHTING ARRESTER:33 KV:GAPLESS	0.50	N	N	N	N	
51	MOTOR,SHUNT WOUND,260VDC,S1,225M,B34	9.20	N	N	N	N	
52	MOTOR,SGL SQ CAGE IND,3.3KV,D355-9B,4P	23.25	N	N	N	N	
53	220KW 6.6 KV MOTOR FOR AHP	0.07	N	N	N	N	
54	INTERFACE BOARD,ED660NHVLA00,BHEL,VFD	2.74	N	N	N	N	
55	MODULE 660DMPBA	0.82	N	N	N	N	
56	XFMR,CURR,1600A,245KV	60.41	N	N	N	N	
57	220 KV CT 1600/1 A WITH MARSHALLING BOX	17.89	N	N	N	N	
58	CVT 400 KV/110 V,TYPE CVE/420/1425	6.66	N	N	N	N	
59	XYMR:BHEL:45MVA,21/11.5KV:OIL SURGE RELY	0.16	N	N	N	N	
60	RELY NUM:220V DC:REF541:REF541+SPAZC-400	3.22	N	N	N	N	
61	IR THERMAL IMAGING,FLUKE	7.66	N	N	N	N	
62	LIGHTNING ARRESTER,SCOPE T&M,SA 30I	4.43	N	N	N	N	
63	DP TRANSMTR: 0-10000MMWC, DIAPHRAGM TYPE	0.62	N	N	N	N	
64	DP TRANSMTR: 0-5000MMWC,1/2"NPT,DIAPHRAM	4.93	N	N	N	N	
65	OIL SUPPLY UNIT: OV32B-50-202; SULZER	76.38	N	N	N	N	
66	HYD POSITION SYSTEM,UGPV514321A,CCI,HPBP	142.18	N	N	N	N	
67	ACTUATOR,PNEU,SC/V320-100 SMHW,STI	14.63	N	N	N	N	
68	SILICA ANALYZER,9095A350	20.53	N	N	N	N	
69	AUMA MAKE ACTUATOR TYPE SA12	2.54	N	N	N	N	
70	EPT FOR ELECT.ACTUATOR: SMB2; LIMITORQUE	10.01	N	N	N	N	
71	SIEMENS ACTUATORS 2SA3020-2CC90 OHGI-2	1.33	N	N	N	N	
72	CJC BOX 6 POINT	0.41	N	N	N	N	
73	AUTO SYNCHRONISER7VE2146-1 69202ASYNA	15.81	N	N	N	N	
74	MAXDNA AI-RTD (4 WIRE) ED69230S303A	0.96	N	N	N	N	
75	SERVER,INTEL XEON QUAD CORE,3.6GHZ,16GB	83.16	N	N	N	N	
76	FORKLIFT,DIESEL,5TON,600MM	13.16	N	N	N	N	

							PART-I
							FORM- 17

Details/Information to be Submitted in respect of Capital Spares

	Name of the Petitioner	NTPC Ltd.	
	Name of the Generating Station	NCTPS St-II	
	COD	31-07-2010	
	For Financial Year	2020-21	In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	Amount					
	Total	1,777.60					
	Proportionate amount For Dadri-II	957.17					

Petitioner

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**	
Name of the Generating Station	**NCTPS St-II**	
COD	**31-07-2010**	
For Financial Year	**2021-22**	In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	**Amount**					
1	KNIFE GATE VALVE FLGD. A47 CL-150 200MM	0.57	N	N	N	N	In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spare parts of equipment which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
2	KNIFE GATE VALVE FLGD. A47 CL-150 400MM	6.25	N	N	N	N	
3	LH CPLG ASSY,FLUIDOMAT,COUPLING,SC-11A	17.70	N	N	N	N	
4	COMP ASSY,PEMBRIL,COUPLING,PST-500	2.22	N	N	N	N	
5	GEAR BOX ASSY,NK-KCU180 H,ELECON	7.82	N	N	N	N	
6	PULLEY-F:IS:8531:DIA-500MM:W-1800MM	5.54	N	N	N	N	
7	ELECON:BZWG-900 COMP ASSY	5.12	N	N	N	N	
8	PUMP ASSY,FIG 7000 11M/5	10.70	N	N	N	N	
9	CPC 100/400:COMP PUMP ASSY	5.08	N	N	N	N	
10	PUMP ASSY,CPP1-100X80-400RL	5.78	N	N	N	N	
11	COMPLETE VACUUM PUMP-140	44.49	N	N	N	N	
12	ELEMENT ASSY,286.10.014.50,KOBELCO	59.23	N	N	N	N	
13	2ND STAGE ASSY,286.10.015.50,KOBELCO	75.59	N	N	N	N	
14	AC470:CRANKSHAFT	0.44	N	N	N	N	
15	VACUUM PUMP,USHA,URV-1610	53.31	N	N	N	N	
16	VN-150DN:COMPLETE VALVE ASSEMBLY	0.36	N	N	N	N	
17	VN-400DN:COMPLETE VALVE ASSEMBLY	2.17	N	N	N	N	
18	MAL-11DN50/65:COMPLETE ASSY.:	16.68	N	N	N	N	
19	312-632:DN25/65:STEM/PLUG	2.84	N	N	N	N	
20	GRINDING ROLL,1-61-088-01019&28,BHEL	44.69	N	N	N	N	
21	WORM SHAFT SET,BHEL,XRP-883,210MW	76.89	N	N	N	N	
22	APH:27.5 VIMT:(CW&CCW):FLEXY HE RAD SEAL	2.39	N	N	N	N	
23	SET OF BULL RING SEGMENTS,	4.91	N	N	N	N	
24	SH SPRAY BYPASS CONTROL V/V PART NO.SD8	4.19	N	N	N	N	
25	LANCE TUBE,LRSB,ALLOY STEEL	10.85	N	N	N	N	
26	SB PRV (MAIN) INLET-ISOL V/V	6.89	N	N	N	N	
27	ISOLATING,SHDRAIN HDRDRAIN TO IBDT,S096	6.17	N	N	N	N	
28	EXPANSION BELLOW,M.1.07.14,FOURESS,500MW	11.21	N	N	N	N	
29	RADIAL SEAL,NCT/BM-04,05&06,BHEL,2X490MW	6.41	N	N	N	N	
30	RADIAL SEAL,NCT/BM-01&02,BHEL,2X490MW	7.71	N	N	N	N	
31	OVER RUNNING CLUTCH FOR PAPH	2.35	N	N	N	N	
32	GRINDING ROLLXRP1003BOWLMILL IN7	31.03	N	N	N	N	
33	GRINDING ROLL,50IN,BOILER,XRP-1003	20.54	N	N	N	N	
34	MDV ASSEMBLY OF XRP 1003 MILLS	4.93	N	N	N	N	
35	BULL RING ASSY.FOR XRP 1003 MILL	10.01	N	N	N	N	
36	COLLECTING ELECTRODE OF ESP	13.43	N	N	N	N	
37	HV RECTIFORMER,BHEL	5.88	N	N	N	N	
38	VALVE SPINDLE,PM00A043K455,SIEMENS	9.75	N	N	N	N	
39	MOVING BLADE L.P.3L DRG.01030701000/03	258.71	N	N	N	N	
40	MOVING BLADE L.P.3R DRG.01030701000/06	258.71	N	N	N	N	
41	COMPENSATOR ASSY,21074604160&2,BHEL	1.93	N	N	N	N	
42	LPBP STOP V/V-ST OF INTERNAL EXCEPT BODY	32.40	N	N	N	N	
43	SEALING RING DRGNO 1154010100000	1.64	N	N	N	N	

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**	
Name of the Generating Station	**NCTPS St-II**	
COD	**31-07-2010**	
For Financial Year	**2021-22**	In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	**Amount**					
44	GEAR COUPLING,01160505000&08,BHEL	9.73	N	N	N	N	In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spare parts of equipment which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
45	THRUST BEARING,1-30771-00092&1,K1401-2	8.44	N	N	N	N	
46	K1401-2:REAR JOURNAL BEARING	5.94	N	N	N	N	
47	1400:ND PULLEY DXL630X1600SHAFT D110	5.18	N	N	N	N	
48	HM-388:pinion	5.17	N	N	N	N	
49	SHAFT,C24718/2,ELECON EPC,HM-388	12.44	N	N	N	N	
50	AF/93:COMP CHAIN ASSEMBLY	30.23	N	N	N	N	
51	TELESCOPIC CHUT ASSY,TOREX,ZAMBA15N14021	1.66	N	N	N	N	
52	SELF PROPELLED ART.BOOMLIFT	61.94	N	N	N	N	
53	TRACK SHOE ASSY,130CT00268,BEML,DOZER	17.13	N	N	N	N	
54	DOZER ASSY,BEML,DOZER,BD-155	255.22	N	N	N	N	
55	ENGINE ASSY,51Z0000014,BEML,DOZER,BD-155	95.22	N	N	N	N	
56	DE-HUMIDIFIER,FVB-1500,BRY-AIR	21.24	N	N	N	N	
57	SPARE:COMPLETE ENGINE ASSY.	23.51	N	N	N	N	
58	MAIN CRANKSHAFT,10141790,DLW	25.92	N	N	N	N	
59	ACB 3P IS:10027 MANL OPRTD E STORD 1600A	1.94	N	N	N	N	
60	CIRCUIT BREAKER,AIR,800A,LN800-R630,L&T	1.67	N	N	N	N	
61	NLIB FLUX CALCULATION BOARD FOR VFD	12.23	N	N	N	N	
62	NSFE FIELD EXCITER BOARD FOR VFD	2.27	N	N	N	N	
63	XFMR,CURR: OSKF-420,400KV,20VA,5	70.87	N	N	N	N	
64	HV BUSHING,BHEL,W/MTL PARTS,1PH,167MVA	8.02	N	N	N	N	
65	RELY NUM:220V DC:REF541:REF541+SPAZC-400	5.84	N	N	N	N	
66	BATTERY,RECH,NI-CD,48V,250AH	10.11	N	N	N	N	
67	BATTERY,RECH,NI-CD,380V,471AH	63.10	N	N	N	N	
68	BATTERY,RECH,NI-CD,1.2V,430AH,AMCO	103.07	N	N	N	N	
69	COMPL.DRY CELL FOR 220V,990AH BATTERY;AM	129.99	N	N	N	N	
70	TURN RATIO TESTER,SCHUETZ,PWR3A,230V	4.12	N	N	N	N	
71	RESISTANCE METER,SCOPE T&M,HISAC ULTIMA	24.95	N	N	N	N	
72	K30F10A ACTUATOR	0.04	N	N	N	N	
73	AUMA ACTUATOR-SA100A90/90RPM	1.79	N	N	N	N	
74	ACTUATOR,TYPE:K60F10E,48 RPM,WD1689Z00CP	0.04	N	N	N	N	
75	BUS EXTENDER MODULE IOP371,PN-692301371A	5.72	N	N	N	N	
76	DIGITAL INPUT 24 DC IOP330 ED69230I330B	0.60	N	N	N	N	Refer to previous page
77	LVS PROJECTOR,997-3548,PLANAR	134.35	N	N	N	N	
	Total	2,315.19					
	Proportionate amount For Dadri-II	**1246.64**					

Petitioner

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2022-23**

In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	Amount					
1	BEARING,RLR,THRUST TAPERED,SINGLE,T11000	4.59	N	N	N	N	In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spare parts of equipment which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
2	SCOOP TUBE,069/050,VOITH,R16K.1	8.04	N	N	N	N	
3	GEAR BOX RATIO 2.49:1 RPM-1500 HORIZONAL	11.21	N	N	N	N	
4	1ST INT PINION,ELECON,GB,KCN 315,20:1	8.32	N	N	N	N	
5	2ND INT PINION,7-GR 35.5:1,ELECON,KCN315	8.88	N	N	N	N	
6	COMP ASSY,ELECON,GEAR BOX,NK-KCU-225	13.01	N	N	N	N	
7	COMP ASSY,ELECON,GEAR BOX,SBN280,14:1	24.91	N	N	N	N	
8	PINION SHAFT,TM2PI416,TRIVENI,GEAR BOX	9.15	N	N	N	N	
9	ELECON:BZWG-900 COMP ASSY	5.12	N	N	N	N	
10	PUMP:HEAD(200-250M):FLOW(30-40M3/HR)	2.71	N	N	N	N	
11	PUMP:HEAD(200-250M):FLOW(350-400M3/HR)	30.08	N	N	N	N	
12	FK4E36:IMPELLER 1ST STAGE	1.77	N	N	N	N	
13	FK4E36:IMPELLER 3RD STAGE	1.77	N	N	N	N	
14	FK4E36:IMPELLER 4TH STAGE	1.77	N	N	N	N	
15	IMPELLER KICKER STG#63-WEIR BFP-FK4E36	1.42	N	N	N	N	
16	THRUST BRG#78-WEIR BFP-PR.PUMP:FK4E36	2.71	N	N	N	N	
17	PUMP SHAFT,CLYDE,BFP,FK4E36	9.44	N	N	N	N	
18	PUMP SHAFT NO:17,FK6D30, BHEL -HP-BFP	3.42	N	N	N	N	
19	JOURNAL BRG NO:4,FK6D30, BHEL HP-BFP	0.20	N	N	N	N	
20	FK6D30:INTER STAGE IMPELLER	5.51	N	N	N	N	
21	ROTOR,NASH IND,PUMP,AT2004/AT2006	0.33	N	N	N	N	
22	IMPELLER,1.01,2BE1 3530ZY4	53.38	N	N	N	N	
23	SHAFT,1.02,2BE1 3530ZY4	35.59	N	N	N	N	
24	A10VSO45 DR/3X RPPA12N00:COMPLETE ASSY.	1.36	N	N	N	N	
25	COMPLETE VACUUM PUMP-140	44.53	N	N	N	N	
26	COMPRESSOR+AIR DRYING UNIT	8.82	N	N	N	N	
27	SERVICE STAGE,1616635681,ATLAS COPCO	44.63	N	N	N	N	
28	COMPLETE PISTON ASS.OF DIA-310 M-2HA4TER	0.76	N	N	N	N	
29	CYLINDER,36180400J,1HB4BISNT	12.52	N	N	N	N	
30	ELEMENT ASSY,286.10.014.50,KOBELCO	47.15	N	N	N	N	
31	CONECTING ROD ASSY. -2810050050	0.14	N	N	N	N	
32	VACUUM PUMP,USHA,URV-1610	23.26	N	N	N	N	
33	COMPLETE VALVE ASSY,M2247-4VNC-WKGV-A50	0.41	N	N	N	N	
34	WORM GEAR,FIG NO 01(MANUAL),BHEL,XRP-883	5.03	N	N	N	N	
35	MAIN VERTICAL SHAFT,8,BHEL,XRP-883	1.51	N	N	N	N	
36	GATE VALVE, 150 NB, MO, 1500 CLASS	7.30	N	N	N	N	
37	HOT END SECTOR PLATE	27.95	N	N	N	N	
38	APH:27.5 VIMT:(CW&CCW):FLEXY HE RAD SEAL	2.97	N	N	N	N	
39	GEAR COUPLING SIZE LBK 125 FOR 750SVNL	3.21	N	N	N	N	
40	GEAR COUPLING SIZE LBK 110 FOR 750SVNL	3.16	N	N	N	N	
41	RINGDRUM BLOWOFFDRAIN REGV/VPART NO.B117	4.51	N	N	N	N	
42	PRESS REDUCING VALVE,COPES VULCAN	12.76	N	N	N	N	
43	CBD COMMON I/L-ISOL V/V.PART NO.B107	1.22	N	N	N	N	

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2022-23**

In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	**Amount**					
44	CBD INLET-ISOL V/V,PART NO.B108	3.79	N	N	N	N	In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spare parts of equipment which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
45	RADIAL SEAL,NCT/BM-04,05&06,BHEL,2X490MW	5.93	N	N	N	N	
46	RADIAL SEAL,NCT/BM-01&02,BHEL,2X490MW	7.14	N	N	N	N	
47	COMP. COUNTER ASSY. FOR MILL RC FEEDER	1.07	N	N	N	N	
48	LP-GENERATOR COUPLING BOLT M48*345	5.07	N	N	N	N	
49	HYDROGEN DRIER,TURBO GENERATOR	17.00	N	N	N	N	
50	SEAL OIL P/P COMPLETE ASSY	3.09	N	N	N	N	
51	TEST VALVE,MAX47AA021/022,BHEL	9.33	N	N	N	N	
52	PILOT VALVE ASSY DRG:01140205100/10	1.76	N	N	N	N	
53	EXCITER SEAL RING,11393501003,500MW	3.42	N	N	N	N	
54	T-END SEAL RING,11393501003 VAR001,500MW	3.42	N	N	N	N	
55	BEARING SHELL ASSY,91390101000	64.54	N	N	N	N	
56	UN0663B-400HZ ED69203DU1CA MDL69203DU1CA	0.31	N	N	N	N	
57	PILOT VALVE DRG:01142205000/10	2.48	N	N	N	N	
58	GEAR COUPLING,01160505000&08,BHEL	9.73	N	N	N	N	
59	K1401-2:FRONT JOURNAL BEARING	2.55	N	N	N	N	
60	CARTRIDGE ASSY FOR SNH-1300	12.03	N	N	N	N	
61	ROTOR ASSY,M08608/1,EKK 48X93	62.20	N	N	N	N	
62	HYD MOTOR,MR450,ELECON EPC,PF:39-42	2.75	N	N	N	N	
63	DISPLACEMENT PUMP,ELECON EPC,PF:39-42	7.47	N	N	N	N	
64	CLAMP BEAM,TP7916/1,ELECON EPC,TP/282	13.99	N	N	N	N	
65	AXIAL PISTON PUMP,HL1653/3&15,ELECON EPC	27.33	N	N	N	N	
66	TP/282:AIR OIL COOLER	2.11	N	N	N	N	
67	HYD MOTOR,MRD 509F240N1N1U1C1+,TP/282	13.16	N	N	N	N	
68	1400:ND PULLEY DXL500X1600SHAFT D125	1.17	N	N	N	N	
69	1400:DRIVE PULLEY DXL630X1600SHAFT D125	5.31	N	N	N	N	
70	1400:ND PULLEY DXL 630X1600 SHAFT D125	5.08	N	N	N	N	
71	1600:PULLEY-DXL630X1600SHAFT D140	0.24	N	N	N	N	
72	1190X1062:FLAP GATE COMPLETE	11.63	N	N	N	N	
73	POWER CYLINDER ASSY,1-129792,ELECON EPC	100.05	N	N	N	N	
74	HYDRAULIC MOTOR,HL1651/1&A,PARKER	9.89	N	N	N	N	
75	BRAKE TRANSMITTAL,HL1651/1&B,ELECON EPC	6.18	N	N	N	N	
76	ARM LUFFING ASSY,TP7467/3,ELECON EPC	15.92	N	N	N	N	
77	FLUID COUPLING MODEL SM-05	0.45	N	N	N	N	In order to meet the customers demand
78	FLUID COUPLING SFC-65 FOR AHP-2A	0.41	N	N	N	N	
79	GRINDER ASSY,600X900MM	4.64	N	N	N	N	
80	TELESCOPIC ASSY,MPPL 2345/001,MECGALE	19.47	N	N	N	N	
81	FLOCCULATOR DRIVE,15-16/SK-1&12	6.90	N	N	N	N	
82	SKY LIFT:11MTR@220KG(MIN)	23.45	N	N	N	N	
83	TRANSMISSION ASSY,125TMB0029,BEML,DOZER	41.09	N	N	N	N	
84	TRACK SHOE ASSY,125CT00286,BEML,DOZER	20.30	N	N	N	N	
85	HT HEAT EXCHANGER,C306514AH1,THERMAX	8.11	N	N	N	N	
86	TURBO SUPERCHARGER	29.33	N	N	N	N	
87	MOTOR,110KW,1485RPM,ND315S	3.75	N	N	N	N	

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2022-23**

In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	Amount					
88	MOTR SQL 415V 150KW 4P B3 TEFC FR 315L	5.88	N	N	N	N	and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spare parts of equipment which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
89	TRANSFORMER 250 KVA, 6.6/0.415 KV ONAN	1.50	N	N	N	N	
90	POWER TR 2.0MVA,33/6.9KV,3PH,ONAN VOLTAS	6.68	N	N	N	N	
91	XFMR,CURR: OSKF-420,400KV,20VA,5	13.92	N	N	N	N	
92	NUMERICAL OVER CURRENT RELAY MICOM P141	5.08	N	N	N	N	
93	MICOM P634 DIFFERENTIAL PROTECTION	4.28	N	N	N	N	
94	RELAY,GENERATOR,7XT3300-OCA00,SIEMENS	3.66	N	N	N	N	
95	DISCHARGE TESTER,SELEICON,SE-403	12.92	N	N	N	N	
96	EARTH FAULT LOCATOR,MEGGER,BGFT,240VAC	3.60	N	N	N	N	
97	ENERGY MTR,TARIFF,0.2%,57-277V,5A	44.89	N	N	N	N	
98	PWR SUPPLY UNIT,FOR VMS,MODEL NO.VM-5Z1,	0.42	N	N	N	N	
99	ASCO SOLENIOID VALVE 220 VDC 8344C39	1.38	N	N	N	N	
100	DIFFPR.SWITCH:0.2-4KGMAX2-4KG230V13/4SWR	0.71	N	N	N	N	
101	COMPLETE ASSY. OF ELEC-HYD ACTUATOR OF	5.61	N	N	N	N	
102	ACTUATOR,HYD,ELECTRO,0-10V,5000N,40-80MM	32.84	N	N	N	N	
103	WEIGHERS:BELT WEIGHER:FOR REMOTE COUNTER	9.13	N	N	N	N	
104	ANALYZER,SILICA,0-5000PPB	13.93	N	N	N	N	
105	LIMITORQUE ACTUATOR-SMB2-60/33.8RPM	11.84	N	N	N	N	
106	K30F10A ACTUATOR	0.14	N	N	N	N	
107	ACTUATOR,ELE,4000NM,FLG,SA30.1-F30,AUMA	18.94	N	N	N	N	
108	COMPLETE ROTORK ACTUATOR,K60F10E,18RPM	0.04	N	N	N	N	
109	ELEC.ACTUATOR: K 300 F10A, MAKE: ROTORK	2.03	N	N	N	N	
110	MOVING COIL,09522/09600B,SIEMENS,TURBINE	18.41	N	N	N	N	
111	CABLE FAULT LOCATOR,415V-33KV,MULTIFUN	56.84	N	N	N	N	
112	CJC BOX 6 POINT	1.66	N	N	N	N	
113	CJC BOX PT/60'C-K/12S-24VDC	0.74	N	N	N	N	
114	ANALOG I/P CARD(ISO.)IOP301 MAX-DNA BHEL	5.62	N	N	N	N	
115	ANALOG INPUT MODULE:CPO402 CARD, MAXDNA	0.43	N	N	N	N	it is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
116	ANALG O/P CARD,IOP320,692301320A,MAX-DNA	3.21	N	N	N	N	
117	4-20MA ANALOG OUTPUT CONTROLLER CARD	0.40	N	N	N	N	
118	DIGTAL O/P CARD,MAXDNA,IOP351,692301351A	1.70	N	N	N	N	
119	LVS PROJECTOR,997-3548,PLANAR	58.66	N	N	N	N	
120	PRIM PROCESS MODULE,ED69230D401B,DCS	34.83	N	N	N	N	
121	ENGG WRKSTN SOFTWARE,PROCONTROL-BHEL	165.20	N	N	N	N	
	Total	1638.67					
	Proportionate amount For Dadri-II	**882.36**					

Petitioner

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2023-24**

In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	**Amount**					
1	KNIFE GATE VALVE FLGD. A47 CL-150 400MM	6.25	N	N	N	N	In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spare parts of equipment which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
2	KNF GV:FLNG-FG260:CL-150:NB-350MM	3.32	N	N	N	N	
3	COMP ASSY,FLUIDOMAT,COUPLING,SC-14	51.98	N	N	N	N	
4	GEAR BOX RATIO 2.49:1 RPM-1500 HORIZONAL	12.50	N	N	N	N	
5	PUMP:HEAD(200-250M):FLOW(350-400M3/HR)	16.68	N	N	N	N	
6	EN5J40:PUMP SHAFT UPPER	2.32	N	N	N	N	
7	EN5J40:PUMP SHAFT LOWER	1.31	N	N	N	N	
8	PUMP ASSY,KBL,UP 250/30	8.25	N	N	N	N	
9	PUMP ASSY,CPP1-100X80-400RL	5.78	N	N	N	N	
10	COMPLETE VACUUM PUMP-140	77.95	N	N	N	N	
11	CLYINDER 185DIA HANDLE M-2HA4TERT	1.38	N	N	N	N	
12	COMPLETE PISTON ASS.OF DIA-310 M-2HA4TER	2.36	N	N	N	N	
13	PISTON ASSY,36040440,KPCL,1 HB 4 BIST	8.92	N	N	N	N	
14	2ND STAGE ASSY,286.10.015.50,KOBELCO	37.06	N	N	N	N	
15	VACUUM PUMP,USHA,URV-1610	61.95	N	N	N	N	
16	VN-400DN:COMPLETE VALVE ASSEMBLY	6.51	N	N	N	N	
17	GRINDING ROLL,1-61-088-01019&28,BHEL	81.92	N	N	N	N	
18	WORM GEAR,FIG NO 01(MANUAL),BHEL,XRP-883	4.28	N	N	N	N	
19	APH:27.5 VIMT:(CW&CCW):FLEXY HE RAD SEAL	5.36	N	N	N	N	
20	GEAR COUPLING SIZE LBK 125 FOR 750SVNL	6.09	N	N	N	N	
21	GEAR COUPLING SIZE LBK 110 FOR 750SVNL	3.16	N	N	N	N	
22	IC CONTROLLER(BAPCON)FOR ESP-I&II;	25.49	N	N	N	N	
23	DRUM EMERGENCY DRAIN,B115,BHEL,BOILER	7.27	N	N	N	N	
24	RADIAL SEAL,NCT/BM-04,05&06,BHEL,2X490MW	4.49	N	N	N	N	
25	RADIAL SEAL,NCT/BM-01&02,BHEL,2X490MW	4.12	N	N	N	N	
26	GRINDING ROLL,50IN,BOILER,XRP-1003	71.90	N	N	N	N	
27	BULL RING ASSY.FOR XRP 1003 MILL	5.00	N	N	N	N	
28	HV RECTIFORMER,BHEL	5.88	N	N	N	N	
29	SO COOLER TUBE NEST DRG TG127 5 14929 01	3.66	N	N	N	N	
30	K1401-2:REAR JOURNAL BEARING	2.10	N	N	N	N	
31	1400:ND PULLEY DXL 630X1600 SHAFT D125	4.87	N	N	N	N	
32	BRAKE TRANSMITTAL,HL1651/1&B,ELECON EPC	6.94	N	N	N	N	
33	SELF PROPELLED ART.BOOMLIFT	72.57	N	N	N	N	
34	SKY LIFT:11MTR@220KG(MIN)	30.30	N	N	N	N	
35	TRACK SHOE ASSY,125CT00286,BEML,DOZER	45.67	N	N	N	N	
36	MOTOR,COMPD WOUND,260VDC,250S,V1,3000RPM	15.19	N	N	N	N	

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2023-24**

In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	**Amount**					
37	BATTERY,RECH,NI-CD,1.2V,430AH,AMCO	40.80	N	N	N	N	In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spare parts of equipment which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
38	SCOOP TUBE,ABB,ACTUATOR,RHD250-10	24.53	N	N	N	N	
39	CJC BOX 6 POINT	4.85	N	N	N	N	
40	ANALOG INPUT MODULE:CPO402 CARD, MAXDNA	0.46	N	N	N	N	
41	DIGITAL INPUT 24 DC IOP330 ED69230I330B	0.50	N	N	N	N	
42	GATEV/V 150MM BW A216WCB HO CL600IS10611	4.41	N	N	N	N	
43	KNIFE GATE VALVE FLGD. A47 CL-150 125MM	1.92	N	N	N	N	
44	FLUID COUPLING:T12/08 COMPASSY FLUIDOMAT	1.14	N	N	N	N	
45	COMP ASSY,VOITH,COUPLING,562 TVVYC	14.75	N	N	N	N	
46	VOITH:R16K.1:AUX.OIL PUMP ASSY-250/000	22.23	N	N	N	N	
47	VOITH:R16K.1:BEARING PINION -250/060/060	0.01	N	N	N	N	
48	VOITH:R16K.1:BEARING PINION-250/060/080	0.01	N	N	N	N	
49	VOITH:R16K.1:BEARING(OUT) -250/060/090	0.01	N	N	N	N	
50	VOITH:R16K.1:BEARING -I/P- 250/060/0	0.68	N	N	N	N	
51	VOITH:R16K.1:I/P PINION- 250/060/03	0.68	N	N	N	N	
52	VOITH:R18KGS-14API:BEARING SHELL-0040	3.17	N	N	N	N	
53	GEAR BOX ASSY,ELECON,KCN280,20:1	34.32	N	N	N	N	
54	COMP ASSY,ELECON,KCN450	96.45	N	N	N	N	
55	COMP ASSY,ELECON,GEAR BOX,NK-KCU200,80:1	24.90	N	N	N	N	
56	GEAR BOX ASSY,ELECON,SBN 355RH,14:1	9.28	N	N	N	N	
57	COMP ASSY,ELECON,GEAR BOX,VK5S-424 727.+	56.00	N	N	N	N	
58	GEAR BOX,FLENDER,SDN400	31.28	N	N	N	N	
59	GEAR BOX ASSY,MAMC,IML-320CN	14.75	N	N	N	N	
60	COMP ASSY,PREMIUM ENERGY,GEAR BOX,H1-180	8.02	N	N	N	N	
61	GEARED MOTOR PET:SPCM-268/160M-4/56	2.01	N	N	N	N	
62	PULLEY-F:IS:8531:DIA-630MM:W-1800MM	1.59	N	N	N	N	
63	PULLEY-F:IS:8531:DIA-800MM:W-1800MM	1.59	N	N	N	N	In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/
64	PUMP:HEAD(30-40M):FLOW(170-180M3/HR)	12.74	N	N	N	N	
65	STORM WTR PUMP ASSY,FLOWMORE,FIG 6360	13.50	N	N	N	N	
66	SHF2/135:COMP.MECH.SEAL ASSY.	5.58	N	N	N	N	
67	4/3C-AH:COMPLETE ASSY.	3.04	N	N	N	N	
68	KIRLOSKAR PUMP ASSY MODEL-DSM 100/36	2.01	N	N	N	N	
69	OIL PUMP ASSY,KSB,ETA 150-50VL	23.79	N	N	N	N	
70	PUMP ASSY,MATHER&PLATT,100/125 IPBX 3CHR	10.52	N	N	N	N	
71	WATER PUMP ASSY,MAXFLOW,QH 20.320	6.14	N	N	N	N	
72	VACUUM PUMP ASSY,NASH IND,2BE1 3530ZY4	114.31	N	N	N	N	

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2023-24**

In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	Amount					
73	PUMP ASSY,SAM TURBO,4TU14	10.25	N	N	N	N	at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spare parts of equipment which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
74	WARMAN MAKE ASH SLURRY PUMP 8/6' EAH	8.14	N	N	N	N	
75	20 SPO:COMP PUMP ASSY	30.67	N	N	N	N	
76	RF90TC-H:BOWL ASSEMBLY	67.50	N	N	N	N	
77	HT EXCH,&CHLR,HE&CH,CSN-92A-HE,MELLCON	13.26	N	N	N	N	
78	CRANK SHAFT FOR MODEL NO-SMC.465	1.72	N	N	N	N	
79	CRANK SHAFT FHA4CLYINDER NDE M-2HA4TERT	8.27	N	N	N	N	
80	PISTON ASSY,36040670,KPCL,1HB4BISNT	28.16	N	N	N	N	
81	PISTON HP ,PART NO-2690039550	0.80	N	N	N	N	
82	CYLINDER (L.P.)DIA 316	0.06	N	N	N	N	
83	GLOBE VALVE ASSY,BHEL	6.70	N	N	N	N	
84	WALL DESLAGGER BASIC ASSY.	2.20	N	N	N	N	
85	2.5" SIZE MOTORISED R/G V/V ,1500 CLASS	4.51	N	N	N	N	
86	GLV, BW, MO, 1500, WCB, 65 MM	9.83	N	N	N	N	
87	SILENCER,BHEL,FD FAN,AP 1-19/11	89.95	N	N	N	N	
88	BOWL HUB ASSY. FOR XRP-883 MILL	6.15	N	N	N	N	
89	START UP VENT LINE ISOL VLV,BOILER	4.96	N	N	N	N	
90	RING,B119,DRUM DRAIN ISOLATING VALVE	6.17	N	N	N	N	
91	SB SAFETY V/V TAG;SV30 (1811LC-6X-20)	4.37	N	N	N	N	
92	SECTOR PLATE ASSY,BHEL	20.93	N	N	N	N	
93	HP TURBINE MODULE COMPLETE	0.19	N	N	N	N	
94	H.P. SHAFT DRG NO:01010101000/00	0.19	N	N	N	N	In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spare parts of equipment which became damaged/ unserviceable are replaced/ consumed so that the
95	U-SEALING RING,01050101000/08,BHEL	32.95	N	N	N	N	
96	VALVE CONE WITH SPINDLE,01122301000/04	11.17	N	N	N	N	
97	COMPENSATOR DN800 DRG:31074301100/03	3.66	N	N	N	N	
98	DELETED PINION P.NO- 250050/040	0.56	N	N	N	N	
99	U-SEALING RING MACHINED,01050109000/3	32.82	N	N	N	N	
100	U-SEALING RING UNMACHINED,01050109000/3	32.75	N	N	N	N	
101	U-SEALING RING,MACHINED,01050109000/5	6.34	N	N	N	N	
102	HP.SHAFT SEALING REAR,1050609000,BHEL	21.87	N	N	N	N	
103	VALVE SEAT,01122205000&01	9.68	N	N	N	N	
104	COMPENSATOR DN600X12 310768411000/2	3.44	N	N	N	N	
105	MOVING BLADE LP3R DRG:01030741000/07	300.79	N	N	N	N	
106	HYDROGEN COOLER UNIT,0-139-12-01017&48	108.70	N	N	N	N	
107	ROTOR SHAFT,M08609/2,EKK 48X93	23.41	N	N	N	N	
108	HYD CYLINDER,R983039065,REXROTH	14.75	N	N	N	N	

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2023-24**

In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	**Amount**					
109	RAIL TABLE,TP8108/0/M,ELECON,TP 282	90.80	N	N	N	N	replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
110	1400:ND PULLEY DXL630X1600SHAFT D125	35.58	N	N	N	N	
111	1600:PULLEY-DXL800X1600SHAFT D150	0.52	N	N	N	N	
112	1600:PULLEY-DXL630X1600SHAFT D160	0.95	N	N	N	N	
113	1600:PULLEY-DXL630X1600SHAFT D125	0.42	N	N	N	N	
114	GEAR BOX,311 L2 18 FP 6G	20.88	N	N	N	N	
115	AFTR COOLER ASSY,AEC-088,ABACUS	9.26	N	N	N	N	
116	LOADER: SKID STEER LOADER,75HP,4.5M	23.90	N	N	N	N	
117	BD-155:TORQUE CONVERTOR	5.72	N	N	N	N	
118	LOADING&EXCAVTG M/C BACKHOE LOADER JCB	28.97	N	N	N	N	
119	COMPRESSOR,06NW2300R5EA,CARRIER,CHILLER	44.31	N	N	N	N	
120	AIR CIRCUIT BREAKER RS IS:10027 3200A	4.05	N	N	N	N	
121	POLE,CROMPTON GREAVES,SF6 CB,245KV,2500A	7.45	N	N	N	N	
122	MOTOR,SQ CAGE IND,415VAC,204A,3PH,ND315M	5.86	N	N	N	N	
123	TORISHIMA:500MW:BRG UP/LOW3100.1&2:3.3KV	9.62	N	N	N	N	
124	TORISHIMA:500MW:BRG SEG UPP_3870.1:3.3KV	16.18	N	N	N	N	
125	TORISHIMA:500MW:THR BRG PLATE_3840:3.3KV	9.56	N	N	N	N	In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spare parts of equipment which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares
126	DAUGHTER BOARD FOR LOAN INVERTER	1.16	N	N	N	N	
127	CBCT 50/1A, ID 90 MM MAKE-PRAGATI	0.04	N	N	N	N	
128	36 KV LV BUSHING,12500A	6.48	N	N	N	N	
129	BUSHING NEUTRAL 36KV 2000A STN TR - 7 B	2.10	N	N	N	N	
130	36KV,2000A NEUTRAL BUSHING FOR 200 MVA G	1.72	N	N	N	N	
131	LV BUSHING WITH METAL PART IN SET	3.90	N	N	N	N	
132	LV BSHNGABB:3PH 270MVA 16.5/220KV XMER	13.87	N	N	N	N	
133	HV NEUTRAL BUSHING,BHEL,XFMR	2.14	N	N	N	N	
134	XYMR:BHEL:200MVA,420/21KV:N BUSHG+MP+GSK	0.41	N	N	N	N	
135	LV BSHNG BHEL:3PH 270MVA 15.75/220KV:XMR	23.99	N	N	N	N	
136	HV-N BSNG BHEL:3PH 270MVA 16.5/220KV:XMR	14.39	N	N	N	N	
137	HV-N BSHNG 3PH 55MVA 220/6.9/6.9KV XMR	0.63	N	N	N	N	
138	RELY AUTO RECL:220 V DC:KAVR (AREVA)	1.18	N	N	N	N	
139	3PHASE O/C WITH E/F NUMERICAL REALY	0.57	N	N	N	N	
140	NUMERICAL BASED DISTANCE PROT RELAY	5.02	N	N	N	N	
141	NUMERICAL MOTOR PROTECTION RELAY 1A	0.54	N	N	N	N	
142	RELY NUM:1A:REF PROTCTON FOR 3PH XMER:	0.92	N	N	N	N	
143	DISTANCE PROTECTION RELAY MICOM P442	3.09	N	N	N	N	
144	RELAY,NUMERIC/DIGITAL,1A,110VAC,ABB	1.50	N	N	N	N	
145	RELAY NUMERI GE MULTILIN F650	1.13	N	N	N	N	
146	RELY NUM:220VDC:7SJ:8022-5EB92-1FA0-LOR	2.07	N	N	N	N	
147	RELAY,NUMERIC/DIGITAL,220VDC,5A,AREVA	5.35	N	N	N	N	

PART-I

FORM- 17

Details/Information to be Submitted in respect of Capital Spares

Name of the Petitioner	**NTPC Ltd.**	
Name of the Generating Station	**NCTPS St-II**	
COD	**31-07-2010**	
For Financial Year	**2023-24**	In Rs Lakh

Sl. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through Compensatory Allowance	Funded through Special Allowance (If Applicable)	Claimed as a part of stores and spares	Remarks
	Name of Spare	**Amount**					
148	CHARGER,BAT,3-PH,220VDC,180A	10.62	N	N	N	N	It is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
149	CHARGER,BAT,FCB,220VDC,400A	10.62	N	N	N	N	
150	ANALYZER,0-200V,0-50MA,0.1MILLIHZ-10KHZ	27.41	N	N	N	N	
151	TEMPERATURE TRANSMITTER TEU315 0 TO 300C	0.20	N	N	N	N	
152	DEW POINT METER FOR INSTRUMENT AIR	0.88	N	N	N	N	
153	WEIGH BRIDGE,RICE LAKE,RL100I	11.80	N	N	N	N	
154	HEA IGNITOR EXCITOR	5.38	N	N	N	N	
155	UNISON MAKE RETRACT ASSY P.N 5000086	16.23	N	N	N	N	
156	LIMIT SWITCH ASSY	0.15	N	N	N	N	
157	KELTRON ACTMODEL:A1016352224 B TILT	0.24	N	N	N	N	
158	KELTRON ACT MODEL C-00608252224 CAD	0.48	N	N	N	N	
159	COMPLETE ACTUATOR ROTORKMODEL NO.K1000	2.42	N	N	N	N	
160	ELECT.ACTUATR: SMB4-200/23.3RPM;LIMITORQ	55.99	N	N	N	N	
161	EMG ACTUATOR D-60 A25	8.91	N	N	N	N	
162	COMPLETE ACT.ASMBLY,ROTORK,K30F10E	1.80	N	N	N	N	
163	ACTUATOR,TYPE:K30F10E,48 RPM,WD1689Z00CP	0.08	N	N	N	N	It is prayed that the capital spares consumed by the instant station during the period may please be allowed by The Hon'ble Commission.
164	MUX AMP: 2.1; MAKE: INSPECTA	0.41	N	N	N	N	
165	INSPECTA Muxiso 4.1 complete	1.02	N	N	N	N	
166	INSPECTA Muxumpu 2.1 complete	1.53	N	N	N	N	
167	INSPECTA Muxrly 4.1 complete	0.51	N	N	N	N	
168	MAXBOP PR.TRANSMITTER EJA440AECS4A62EC/Z	0.35	N	N	N	N	
169	PLC,LOGO 24RC,SIEMENS	17.87	N	N	N	N	
	Total	2,811.71					
	Proportionate amount For Dadri-II	**1514.00**					

Petitioner

PART 1
FORM- 18

Non-Tariff Income

Amount In Rs Lakh

	Name of the Petitioner	**NTPC Ltd.**				
	Name of the Generating Station	**NCTPS St-II**				
S. No.	Parameters	2019-20	2020-21	2021-22	2022-23	2023-24
1.	Income from rent of land or buildings	180.67	171.56	82.43	574.51	181.60
2	Income from sale of scrap	48.87	27.29	45.14	260.79	337.37
3	Income from advertisements					
Total Income (sharing with Beneficiary)		229.53	198.84	127.57	835.30	518.96

*Auditor certificate is attached as annexure-C

(Petitioner)

PART 1

Details of Water Charges

Name of the Petitioner		NTPC Limited			
Name of the Generating Station		NCTPS St-II			

S. No.	**Year**	**Details of Water Source**	**Normative consumption at 100% PLF** **Unit- Cusec**	**Rate specified (as per govt. notification or agreement)**	**Spillage of water (in percentage)**	**Amount (in Rs. Lakh) Claimed**
1	2019-20	Upper Ganga Canal	33.65	Water Charge: Rs 12.48/1000 Cubicfeet Royalty: 6 Lakh/Cusec/Year	Nil	108.57
2	2020-21		33.65	Water Charge: Rs 12.48/1000 Cubicfeet Royalty: 6 Lakh/Cusec/Year	Nil	92.48
3	2021-22		33.65	Water Charge: Rs 12.48/1000 Cubicfeet Royalty: 6 Lakh/Cusec/Year	Nil	75.72
4	2022-23		33.65	Water Charge: Rs 12.48/1000 Cubicfeet Royalty: 6 Lakh/Cusec/Year	Nil	186.53
5	2023-24		33.65	Water Charge: Rs 12.48/1000 Cubicfeet Royalty: 6 Lakh/Cusec/Year	Nil	150.80

***Water charge notification is attached as Annexure-B**

(Petitioner)

PART 1
FORM- 20

Details of Statutory Charges

Name of the Petitioner	**NTPC Ltd.**		
Name of the Generating Station	**NCTPS St-II**		

Particulars	**Unit Rate**	**No of Units**	**Amount Claimed**
Electricity Duty and Cess (Total)	Nil		
Water Cess			

(Petitioner)

			Details of decapitalization during 2019-20					**PART-I**
								FORM- I
	Name of the Petitioner		**NTPC Ltd**					
	Name of the Generating Station		**NCTPS Stage-II, Dadri**					
								Amount in Rs
S.N	**Name of the Asset**	**Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)**	**Value of the Asset de-capitalised as per Note 2**	**ind-as Adjustment**	**Original Value of the Asset Capitalised, As per IGAAP ignoring carring cost adjustment i.e. on Gross Basis**	**Year Put to use**	**Depreciation recovered till date of decapitalization**	**Whether earning RoE at the normal rate of weightage average rate of interest on loan**
1	**2**	**3**	**4**		**4a**	**5**	**6**	**7**
A	**Decapitalization - Part of capital cost**							
A.1	**Decap Of Spares**							
1	Decap Of Spares	(Part of Capital Cost)	1,49,83,505	66,17,960	2,16,01,465	U#1 COD	**1,03,81,711**	**Normal rate**
2			98,19,577	42,63,843	1,40,83,420	U#2 COD	**62,44,196**	
3			31,05,382	-	31,05,382	2013-14	**9,41,160**	
	Subtotal- Decap of Spares		**2,79,08,464**	**1,08,81,803**	**3,87,90,267**		**1,66,25,907**	
A.2	**Decap of MBOA**							
1	Furniture & Fixtures	(Part of Capital Cost,)						
2	Hospital Equipment		24,064	17,475	41,539	U#1 COD	**19,964**	
3			-	9,608	9,608	2013-14	**2,912**	
3	EDP, WP Machines, SATCOM		1,263	11,367	12,630	U#1 COD	**6,070**	
			2,15,440	4,26,195	6,41,635	2012-13	**2,26,193**	
4	Electrical Installations (LED replacement)		47,83,941	6,34,059	54,18,000	2012-13	**19,09,988**	
	Vehicles		2,54,757	3,60,044	6,14,801	U#1 COD	**2,95,475**	
Subtotal- Decap of MBOA			**52,79,465**	**14,58,748**	**67,38,213**			
TOTAL Decap : part of capital cost (A.1 + A.2)			**3,31,87,929**	**1,23,40,550**	**4,55,28,480**	**-**	**1,66,25,907**	

			Details of decapitalization during 2019-20					**PART-I** **FORM- I**
	Name of the Petitioner		**NTPC Ltd**					
	Name of the Generating Station		**NCTPS Stage-II, Dadri**					
								Amount in Rs
B.	**Decapitalization - Not Part of capital cost**							
B.1	**Decap of Spares**							
1	Decap of Spares	Claimed under exclusion	9,59,060	-	9,59,060	2013-14	Vide order dated 23.08.2016 in Petition No. 300/GT/2014,Hon'ble commission has disallowed 373.87 lakh out of the total 12677.84 lakh claimed in regard to the capitalization of spares. Consequently, the corresponding portion of decapitalization relating to the disallowed amount is not considered part of the capital cost.Hon'ble Commission has allowed the same under exclusion.	
2			32,93,495	-	32,93,495	2014-15	The Petitioner has kept capitalisation of these spares under exclusion and vide order dtd 21.05.2020 in petition no 190/GT/2020, Hon'ble Commission has allowed the same under exclusion.	
3			40,83,508	-	40,83,508	2015-16		
4			61,82,810	-	61,82,810	2016-17		
5			79,64,741	-	79,64,741	2017-18		
			84,870	-	84,870	2018-19		**Nil**
	Subtotal Decap of spares		**2,25,68,483**	**-**	**2,25,68,483**			
B.2	**Decap of MBOA**							
3	EDP, WP Machines, SATCOM	Claimed under exclusion	6,51,946	2,40,666	8,92,613	2014-15	The Petitioner has kept capitalisation of theseMBOAs under exclusion and vide order dtd 21.05.2020 in petition no 190/GT/2020, Hon'ble Commission has allowed the same under exclusion	
			35,06,605	-	35,06,605	2015-16		
	Subtotal- Decap of MBOA		**41,58,551**	**2,40,666**	**43,99,217**			
B.3	**Decap of Overhauling Capitalisation**							
1	O/H DECAP	Claimed under exclusion	6,17,00,771	(6,17,00,771)	-	2016-17	This Capitalisation is on account of Change in Accounting Practice. Therefore decap kept under exclusions.Hon'ble Commission may be pleased to allow the same.	
2			5,64,03,205	(5,64,03,205)	-	2017-18		
	Subtotal- Decap of OH		**11,81,03,976**	**(11,81,03,976)**	**-**			
TOTAL Decap: Not part of capital cost (B.1 + B.2)			**14,48,31,010**	**(11,78,63,309)**	**2,69,67,700**			
Grand Total of Decap of assets in 2019-20 (A + B)			**17,80,18,939**	**(10,55,22,759)**	**7,24,96,180**		**1,66,25,907**	

(Petitioner)

								PART-I
			Details of decapitalization during 2020-21					FORM- I
	Name of the Petitioner		NTPC Ltd					
	Name of the Generating Station		NCTPS Stage-II, Dadri					
								Amount in Rs
S.N	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Value of the Asset de-capitalised as per Note 2	ind-as Adjustment	Original Value of the Asset Capitalised, As per IGAAP ignoring carring cost adjustment i.e. on Gross Basis	Year Put to use	Depreciation recovered till date of decapitalization	Whether earning RoE at the normal rate of weightage average rate of interest on loan
1	2	3	4		4a	5	6	7
A	Decapitalization - Part of capital cost							
A.1	Decap Of Spares							
1	Decap Of Spares	(Part of Capital Cost)	79,34,331	63,14,344	1,42,48,675	U#1 COD	75,67,009	Normal rate
2			10,60,724	12,53,103	23,13,827	U#2 COD	11,42,654	
3			9,08,549	2,12,010	11,20,559	2011-12	5,07,083	
4			46,76,638	-	46,76,638	2013-14	16,53,375	
	Subtotal- Decap of Spares		1,45,80,242	77,79,457	2,23,59,699		87,09,663	
A.2	Decap of MBOA							
1	Other Office Equipments	(Part of Capital Cost,)	16,625	1,49,625	1,66,250	U#1 COD	88,290	
2			-	9,000	9,000	2011-12	4,073	
3			1,02,369	17,001	1,19,370	2012-13	48,105	
4	EDP, WP Machines, SATCOM		609	9,371	9,980	U#1 COD	5,300	
			55,318	3,307	58,625	2012-13	23,625	
5	Electrical Installations (LED replacement)		2,25,200	-	2,25,200	2012-13	90,754	
Subtotal- Decap of MBOA			4,00,121	1,88,304	5,88,425			
TOTAL Decap : part of capital cost (A.1 + A.2)			1,49,80,363	79,67,761	2,29,48,124	-	87,09,663	

								PART-I
	Details of decapitalization during 2020-21							FORM- I
	Name of the Petitioner		**NTPC Ltd**					
	Name of the Generating Station		**NCTPS Stage-II, Dadri**					
								Amount in Rs
B.	**Decapitalization - Not Part of capital cost**							
B.1	**Decap of Spares**							
1			14,44,323	-	14,44,323	2013-14	Vide order dated 23.08.2016 in Petition No. 300/GT/2014,Hon'ble commission has disallowed 373.87 lakh out of the total 12677.84 lakh claimed in regard to the capitalization of spares. Consequently, the corresponding portion of decapitalization relating to the disallowed amount is not considered part of the capital cost.Hon'ble Commission has allowed the same under exclusion.	
2	Decap of Spares	Claimed under exclusion	1,12,61,929	-	1,12,61,929	2014-15	The Petitioner has kept capitalisation of these spares under exclusion and vide order dtd 21.05.2020 in petition no 190/GT/2020, Hon'ble Commission has allowed the same under exclusion.	
3			9,05,935	-	9,05,935	2015-16		
4			42,75,682	-	42,75,682	2016-17		
5			18,85,398	-	18,85,398	2017-18		
6			20,66,341	-	20,66,341	2018-19		
	Subtotal Decap of spares		**2,18,39,607**	**-**	**2,18,39,607**			**Nil**
B.2	**Decap of MBOA**							
1	EDP, WP Machines, SATCOM	Claimed under exclusion	6,64,933	2,49,984	9,14,918	2014-15	As capitalization of MBOA beyond cut off date is not admissible, capitalization MBOA has been kept under exclusion in the instant petition. Therefore, decapitalization also kept under exclusion.Hon'ble commission may please allow the same.	
			47,27,390	-	47,27,390	2015-16		
			58,989	-	58,989	2020-21		
	Subtotal- Decap of MBOA		**54,51,312**	**2,49,984**	**57,01,297**			
B.3	**Decap of Overhauling Capitalisation**							
1	O/H DECAP	Claimed under exclusion	44,13,265	(44,13,265)	-		This Capitalisation is on account of Change in Accounting Practice. Therefore decap kept under exclusions.Hon'ble Commission may be pleased to allow the same.	
TOTAL Decap: Not part of capital cost (B.1 + B.2)			**3,17,04,185**	**(41,63,281)**	**2,75,40,904**			
Grand Total of Decap of assets in 2019-20 (A + B)			**4,66,84,549**	**38,04,479**	**5,04,89,028**		**87,09,663**	
								(Petitioner)

			Details of decapitalization during 2021-22					**PART-I**
								FORM- I
Name of the Petitioner			**NTPC Ltd**					
Name of the Generating Station			**NCTPS Stage-II, Dadri**					
Region		**NR**	**State**		**Uttar Pradesh**	**District**	**GautamBuddh Nagar**	
								Amount in Rs
S.N	**Name of the Asset**	**Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)**	**Value of the Asset de-capitalised as per Note 2**	**ind-as Adjustment**	**Original Value of the Asset Capitalised, As per IGAAP ignoring carring cost adjustment i.e. on Gross Basis**	**Year Put to use**	**Depreciation recovered till date of decapitalization**	**Whether earning RoE at the normal rate of weightage average rate of interest on loan**
1	**2**	**3**	**4**		**4a**	**5**	**6**	**7**
A	**Decapitalization - Part of capital cost**							
A.1	**Decap Of Spares**							
1	Decap Of Spares	(Part of Capital Cost)	90,08,197	1,19,51,290	2,09,59,487	U#1 COD	**1,21,88,870**	
2			8,28,659	19,14,919	27,43,578	U#2 COD	**14,93,369**	
3				-		2010-11	**-**	
4				-		2011-12	**-**	
5				-		2012-13	**-**	
6			8,13,209	-	8,13,209	2013-14	**3,28,549**	
	Subtotal- Decap of Spares		**1,06,50,065**	**1,38,66,209**	**2,45,16,274**		**1,36,82,238**	
A.2	**Decap of MBOA**							
1	Furniture and Fixtures	(Part of Capital Cost,)	1,166	6,53,076	6,54,242	U#1 COD	**3,80,471**	
2	Communication Equipment		1,93,984	1,40,551	3,34,535	U#1 COD	**1,94,547**	
3			1,01,588	35,412	1,37,000	2010-11	**75,710**	
4	Software		-	32,90,913	32,90,913	U#1 COD	**19,13,812**	
5			-	51,200	51,200	U#2 COD	**27,869**	**Normal rate**
6	Other Office Equipments		5,38,414	8,53,655	13,92,069	U#1 COD	**8,09,550**	
7			42,658	18,342	61,000	U#2 COD	**33,203**	
8			76,698	60,913	1,37,611	2010-11	**76,047**	
9			-	3,890	3,890	2011-12	**1,957**	
10	EDP, WP Machines, SATCOM		4,51,735		45,55,031	U#1 COD	**26,48,952**	
			4,600	41,400	46,000	U#2 COD	**25,038**	
			41,082	3,69,736	4,10,818	2011-12	**2,06,643**	
			24,525	67,000	91,525	2012-13	**41,504**	
			3,760	3,130	6,890	2013-14	**2,784**	
11	Electrical Installations (LED replacement)		5,92,456	-	5,92,456	2012-13	**2,68,660**	
Subtotal- Decap of MBOA			**20,72,666**	**55,89,218**	**1,17,65,181**		**67,06,746**	
TOTAL Decap : part of capital cost (A.1 + A.2)			**1,27,22,730**	**1,94,55,428**	**3,62,81,455**	**-**	**2,03,88,985**	

			Details of decapitalization during 2021-22					**PART-I**
								FORM- I
	Name of the Petitioner		**NTPC Ltd**					
	Name of the Generating Station		**NCTPS Stage-II, Dadri**					
Region		**NR**	**State**		**Uttar Pradesh**	**District**	**GautamBuddh Nagar**	
B.	**Decapitalization - Not Part of capital cost**							
B.1	**Decap of Spares**							
1	Decap of Spares	Claimed under exclusion	2,51,150	-	2,51,150	2013-14	Vide order dated 23.08.2016 in Petition No. 300/GT/2014,Hon'ble commission has disallowed 373.87 lakh out of the total 12677.84 lakh claimed in regard to the capitalization of spares. Consequently, the corresponding portion of decapitalization relating to the disallowed amount is not considered part of the capital cost.Hon'ble Commission has allowed the same under exclusion.	
2			47,82,108	-	47,82,108	2014-15	The Petitioner has kept capitalisation of these spares under exclusion and vide order dtd 21.05.2020 in petition no 190/GT/2020, Hon'ble Commission has allowed the same under exclusion.	
3			4,33,294	-	4,33,294	2015-16		
4			5,14,470	-	5,14,470	2016-17		
5			1,47,12,990	-	1,47,12,990	2017-18		
			21,25,084	-	21,25,084	2018-19		
			10,14,815		10,14,815	2019-20	Petitioner has claimed the capitalization of spares under exclusion in the instant petition, therefore the decapitalization has been kept under exclusion.	**Nil**
	Subtotal Decap of spares		**2,38,33,912**	**-**	**2,38,33,912**			
B.2	**Decap of MBOA**							
4	EDP, WP Machines, SATCOM	Claimed under exclusion	7,27,374	2,75,901	10,03,275	2014-15	As capitalization of MBOA beyond cut off date is not admissible, capitalization MBOA has been kept under exclusion in the instant petition. Therefore, decapitalization also kept under exclusion.Hon'ble commission may please allow the same.	
			38,20,270	-	38,20,270	2015-16		
			60,000	-	60,000	2021-22		
	Subtotal- Decap of MBOA		**46,07,644**	**2,75,901**	**48,83,545**			
	Decap of Assets (O/H Decap IND As Adjustment)							
	Overhauling	Claimed under exclusion	3,09,94,330	(3,09,94,330)		2016-17	This Capitalisation is on account of Change in Accounting Practice. Therefore decap kept under exclusions.Hon'ble Commission may be pleased to allow the same.	
			5,68,89,181	(5,68,89,181)		2017-18		
			10,98,59,238	(10,98,59,238)		2018-19		
			8,21,867	(8,21,867)		2019-20		
	Subtotal- Ind-AS Adjustment		**19,85,64,617**	**(19,85,64,617)**				
TOTAL Decap: Not part of capital cost (B.1 + B.2)			**22,70,06,173**	**(19,82,88,716)**	**2,87,17,457**			
Grand Total of Decap of assets in 2019-20 (A + B)			**23,97,28,903**	**(17,88,33,288)**	**6,49,98,912**		**2,03,88,985**	
								(Petitioner)

								PART-I
			Details of decapitalization during 2022-23					FORM- I
	Name of the Petitioner		**NTPC Ltd**					
	Name of the Generating Station		**NCTPS Stage-II, Dadri**					
								Amount in Rs
S.N	**Name of the Asset**	**Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)**	**Value of the Asset de-capitalised as per Note 2**	**ind-as Adjustment**	**Original Value of the Asset Capitalised, As per IGAAP ignoring carring cost adjustment i.e. on Gross Basis**	**Year Put to use**	**Depreciation recovered till date of decapitalization**	**Whether earning RoE at the normal rate of weightage average rate of interest on loan**
1	**2**	**3**	**4**		**4a**	**5**	**6**	**7**
A	**Decapitalization - Part of capital cost**							
A.1	**Decap Of Spares**							
1	Decap Of Spares	(Part of Capital Cost)	1,23,88,995	1,18,00,653	2,41,89,648	U#1 COD	**1,52,88,489**	
2			17,29,288	28,91,657	46,20,945	U#2 COD	**27,48,520**	
3			8,80,121	10,60,716	19,40,836	2012-13	**9,78,085**	
4			22,15,435.33	-	22,15,435.33	2013-14	**10,06,910**	
	Subtotal- Decap of Spares		**1,72,13,839**	**1,57,53,026**	**3,29,66,865**	**-**	**2,00,22,005**	
A.2	**Decap of MBOA**							
1	Other Office Equipments		4,532	44,545	49,077	U#1 COD	**31,018**	**Normal rate**
2	EDP, WP Machines, SATCOM		2,97,915	17,32,617	20,30,531	U#1 COD	**12,83,349**	
			5,443	48,991	54,434	2011-12	**30,128**	
			7,416	11,634	19,050	2012-13	**9,600**	
			46,200	-	46,200	2013-14	**20,998**	
3	Electrical Installations (LED replacement)		3,42,500	-	3,42,500	2012-13	**1,72,603**	
Subtotal- Decap of MBOA			**7,04,007**	**18,37,786**	**25,41,793**	**-**	**15,47,696**	
TOTAL Decap : part of capital cost (A.1 + A.2)			**1,79,17,845**	**1,75,90,812**	**3,55,08,658**	**-**	**2,15,69,701**	

B.	**Decapitalization - Not Part of capital cost**							
B.1	**Decap of Spares**							
1	Decap of Spares	Claimed under exclusion	6,84,210.59	-	6,84,210.59	2013-14	Vide order dated 23.08.2016 in Petition No. 300/GT/2014,Hon'ble commission has disallowed 373.87 lakh out of the total 12677.84 lakh claimed in regard to the capitalization of spares. Consequently, the corresponding portion of decapitalization relating to the disallowed amount is not considered part of the capital cost.Hon'ble Commission has allowed the same under exclusion.	
2			25,37,978	-	25,37,978	2015-16	The Petitioner has kept capitalisation of these spares under exclusion and vide order dtd 21.05.2020 in petition no 190/GT/2020, Hon'ble Commission has allowed the same under exclusion.	
3			1,71,490	-	1,71,490	2016-17		
4			7,83,447	-	7,83,447	2017-18		
5			9,07,818	-	9,07,818	2018-19		
6			56,93,071	-	56,93,071	2019-20	Petitioner has claimed the capitalization of spares under exclusion in the instant petition, therefore the decapitalization has been kept under exclusion.	
7			59,22,951	-	59,22,951	2020-21		
8			8,03,532	-	8,03,532	2021-22		
	Subtotal Decap of spares		**1,75,04,498**	**-**	**1,75,04,498**			
B.2	**Decap of MBOA**							**Nil**
2	EDP, WP Machines, SATCOM	Claimed under exclusion	9,15,147	2,99,754	12,14,901	2014-15	Honble Commission has allowed Capitalization of MBOA under Exclusion vide order in petition no 190-GT-2020, therefore the decapitalization has been kept under exclusion.	
			8,10,761	-	8,10,761	2015-16		
			53,547	-	53,547	2016-17		
			4,80,387	-	4,80,387	2017-18		
			9,44,760	-	9,44,760	2018-19		
			63,055	-	63,055	2021-22		
	Subtotal- Decap of MBOA		**32,67,657**	**2,99,754**	**35,67,411**			
	Decap of Assets (O/H Decap IND As Adjustment)							
1	Overhauling	Claimed under exclusion	3,59,56,239	(3,59,56,239)		2017-18	This Capitalisation is on account of Change in Accounting Practice. Therefore decap kept under exclusions.Hon'ble Commission may be pleased to allow the same.	
2			17,74,21,789	(17,74,21,789)		2019-20		
	Subtotal- Ind-AS Adjustment		**21,33,78,028**	**(21,33,78,028)**				
TOTAL Decap: Not part of capital cost (B.1 + B.2)			**23,41,50,183**	**(21,30,78,274)**	**2,10,71,909**			
Grand Total of Decap of assets in 2022-23 (A + B)			**25,20,68,028**	**(19,54,87,462)**	**5,65,80,566**		**2,15,69,701**	
								(Petitioner)

								PART-I
			Details of decapitalization during 2023-24					FORM- I
	Name of the Petitioner		NTPC Ltd					
	Name of the Generating Station		NCTPS Stage-II, Dadri					
								Amount in Rs
S.N	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Value of the Asset de-capitalised as per Note 2	ind-as Adjustment	Original Value of the Asset Capitalised, As per IGAAP ignoring carring cost adjustment i.e. on Gross Basis	Year Put to use	Depreciation recovered till date of decapitalization	Whether earning RoE at the normal rate of weightage average rate of interest on loan
1	2	3	4		4a	5	6	7
A	Decapitalization - Part of capital cost							
A.1	Decap Of Spares							
1	Decap Of Spares	(Part of Capital Cost)	1,24,26,447	2,09,34,771	3,33,61,218	U#1 COD	**2,10,85,161**	Normal rate
2			35,49,440	78,59,311	1,14,08,751	2010-11	**68,80,705**	
3			1,08,883	1,37,884	2,46,767	2012-13	**1,24,358**	
4			5,49,394.69	-	5,49,394.69	2013-14	**2,49,699**	
	Subtotal- Decap of Spares		**1,66,34,165**	**2,89,31,967**	**4,55,66,131**	**-**	**2,83,39,923**	
A.2	Decap of MBOA							
1	Furniture and Fixture	(Part of Capital Cost)	15,55,332	10,56,628	26,11,960	U#1 COD	**17,82,545**	
2			7,63,543	3,15,208	10,78,751	2010-11	**7,05,003**	
3			92,951	29,355	1,22,306	2011-12	**73,862**	
4			2,47,069	57,917	3,04,986	2012-13	**1,69,078**	
5	Office Equipment		2,45,882	8,65,879	11,11,761	U#1 COD	**7,58,727**	
6			16,693	1,50,239	1,66,932	2009-10	**1,13,924**	
7			3,68,148	4,18,539	7,86,687	2010-11	**5,14,129**	
8			12,86,489	12,50,617	25,37,106	2011-12	**15,32,194**	
9			2,80,417	1,04,767	3,85,184	2012-13	**2,13,538**	
10			4,17,343	85,453	5,02,796	2013-14	**2,53,875**	
11	EDP, WP Machines, SATCOM		64,172	6,87,356	7,51,528	U#1 COD	**5,12,884**	
12			585	5,265	5,850	2010-11	**3,823**	
13			26,593	2,39,337	2,65,930	2011-12	**1,60,599**	
14			20,145	29,305	49,450	2012-13	**27,414**	
15			29,515	24,573	54,088	2013-14	**27,310**	
16	Communication Equipment		-	18,680	18,680	U#1 COD	**12,748**	
17	Tools and Tackles		90,13,872	27,68,230	1,17,82,103	U#1 COD	**80,40,752**	
18			2,74,613	1,00,747	3,75,360	2009-10	**2,56,166**	
19			4,66,373	1,11,967	5,78,340	2011-12	**3,49,268**	
20			5,89,791	1,01,569	6,91,360	2012-13	**3,83,275**	
Subtotal- Decap of MBOA			**1,57,59,526**	**84,21,631**	**2,41,81,158**	**-**	**1,58,91,113**	
TOTAL Decap : part of capital cost (A.1 + A.2)			**3,23,93,691**	**3,73,53,598**	**6,97,47,289**	**-**	**4,42,31,036**	

								PART-I
	Details of decapitalization during 2023-24							FORM- I
	Name of the Petitioner		**NTPC Ltd**					
	Name of the Generating Station		**NCTPS Stage-II, Dadri**					
B.	**Decapitalization - Not Part of capital cost**							
B.1	**Decap of Spares**							
1	Decap of Spares	Claimed under exclusion	1,69,673.95	-	1,69,673.95	2013-14	Honble Commission has allowed Capitalization of Spares under Exclusion vide order in petition no 190-GT-2020, therefore the decapitalization has been kept under exclusion.	
2			3,04,977	-	3,04,977	2015-16		
3			9,67,600	-	9,67,600	2018-19		
4			30,44,446	-	30,44,446	2019-20		
5			10,71,204	-	10,71,204	2020-21		
6			5,78,200	-	5,78,200	2021-22		
	Subtotal Decap of spares		**61,36,101**	**-**	**61,36,101**			
B.2	**Decap of MBOA**						Honble Commission has allowed Capitalization of MBOA under Exclusion vide order in petition no 190-GT-2020, therefore the decapitalization has been kept under exclusion.	**Nil**
1	Tools and Tackles	Claimed under exclusion	32,285	-	32,285	2018-19		
2	Furniture and Fixture		1,14,366	3,738	1,18,104	2014-15		
3	Office Equipment		9,41,380	1,11,646	10,53,027	2014-15		
4			6,12,517	-	6,12,517	2015-16		
5			29,618	-	29,618	2017-18		
6	EDP, WP Machines, SATCOM		7,95,860	2,83,974	10,79,834	2014-15		
7			31,00,855	-	31,00,855	2015-16		
8			9,58,997	-	9,58,997	2016-17		
9			9,16,832	-	9,16,832	2017-18		
10			50,96,256	-	50,96,256	2018-19		
11			1,47,865	-	1,47,865	2019-20		
12			7,01,926	-	7,01,926	2020-21		
	Subtotal- Decap of MBOA		**1,34,48,758**	**3,99,358**	**1,38,48,116**			
	Decap of Assets (O/H Decap IND As Adjustment)							
1	Overhauling	Claimed under exclusion	11,89,30,923	(11,89,30,923)		2017-18	This Capitalisation is on account of Change in Accounting Practice. Therefore decap kept under exclusions.Hon'ble Commission may be pleased to allow the same.	
	Subtotal- Ind-AS Adjustment		**11,89,30,923**	**(11,89,30,923)**	**-**			
TOTAL Decap: Not part of capital cost (B.1 + B.2)			**13,85,15,782**	**(11,85,31,565)**	**1,99,84,217**			
Grand Total of Decap of assets in 2022-23 (A + B)			**17,09,09,473**	**(8,11,77,967)**	**8,97,31,506**	**-**	**4,42,31,036**	
								(Petitioner)

Form -J

Summary of Gross Block reconciliation

Name of the Petitioner: NTPC LTD.

Name of the Generating Station: Dadri-II

COD: 31.07.2010

Amt in Rs Lacs

Sl No	Particular	2019-20	2020-21	2021-22	2022-23	2023-24	Remarks
1	Closing Gross Block as per IND AS	4,79,574	4,87,498	4,89,464	5,47,337	5,64,269	
2	Add: cummulative Ind AS Adustment (breakup given below)	2,55,485.72	2,53,789.74	2,54,907.93	2,55,385.83	2,55,695.98	
	Adjustment of accumulated depreciation as on 1.4.2015	2,65,137	2,65,137	2,65,137	2,65,137	2,65,137	
	Less: Cumulative Gross block adjustment with regard to Acc. Dep for decapitalisation	1,906	2,491	4,395	4,744	5,323	
	Less: Cumulative capital overhauling/major inspection capitalised out of revenue	7,753	8,864	7,529	9,540	12,299	
	Add: Cumulative Decapitalisation of capital Overhauling	-	-	1,687	4,523	8,165	
	Less: spares capitalised out of inventory system circular 126	603	603	603	603	603	
	Less: spares capitalised out of inventory system circular 146	1,007	1,007	1,007	1,007	1,007	
	Less: Cumulative Capitalisation of PV of Future minimum lease obligation in Lease hold land	-	-	-	-	-	
	Less: Cumulative Unwinding expenses Capitalised	-	-	-	-	-	
	Add: Cumulative Vendor Discounting	8.4976	8.0130	9	10	17	
	Add: Borrowing cost adj due to change in interest rate (EIR)	-	-	-	-	-	
	Add/Less: Any other Adj in PPE due to IND AS implementation	-	-	-	-	-	
	Cumulative Capital spares Capitalsed	1,611	1,611	1,611	1,611	1,611	
3	Closing Gross Block as per IGAAP	7,35,059.42	7,41,288.20	7,44,371.83	8,02,722.35	8,19,965.33	
4	Opening Gross Block as per IND AS	4,66,953	4,79,574	4,87,498	4,89,464	5,47,337	
5	Add: Cummulative Ind AS Adustment (breakup given below)	2,54,650	2,55,486	2,53,790	2,54,908	2,55,386	
	Adjustment of accumulated depreciation as on 1.4.2015	2,65,137	2,65,137	2,65,137	2,65,137	2,65,137	
	Less:Cumulative Gross block adjustment with regard to Acc. Dep for decapitalisation	1,488	1,906	2,491	4,395	4,744	
	Less: Cumulative capital overhauling/major inspection capitalised out of revenue	9,006	7,753	8,864	7,529	9,540	
	Add: Cumulative Decapitalisation of capital Overhauling	-	-	-	1,687	4,523	
	Less: spares capitalised out of inventory system circular 126	603	603	603	603	603	
	Less: spares capitalised out of inventory system circular 146	1,007	1,007	1,007	1,007	1,007	
	Less: Cumulative Capitalisation of PV of Future minimum lease obligation in Lease hold land	-	-	-	-	-	
	Less: Cumulative Unwinding expenses Capitalised	-	-	-	-	-	
	Add: Cumulative Vendor Discounting	7	8	8	9	10	
	Add: Cumulative Borrowing cost adj due to change in interest rate (EIR)	-	-	-	-	-	
	Add/Less: Any other Adj in PPE due to IND AS implementation	-	-	-	-	-	
	Cumulative Capital spares Capitalsed	1,611	1,611	1,611	1,611	1,611	
6	Opening Gross Block as per IGAAP	7,21,603.00	7,35,059.42	7,41,288.20	7,44,371.83	8,02,722.35	
7	Total Additions as per books (G = 3 - 6)	13,456.42	6,228.78	3,083.62	58,350.53	17,242.98	
8A	Addition as per IGAAP corresponding to Dadri St-I	10,881	5,223	1,950.58	-1,315.81	3,199	
8B	Addition as per IGAAP corresponding to Dadri-Loni line	-	-	-	-	-	
8C	Addition as per IGAAP corresponding to Dadri Solar	5.23	26.41	15.71	37.41	-	
9	Net Additions pertaining to instant project/Unit/Stage	2,570.15	979.65	1,117.33	59,628.93	14,044.30	
10	Less: Exclusions (items not allowable / not claimed)	652.70	393.54	1,196.67	55,842.76	12,043	
11	Net Additional Capital Expenditure Claimed (on accrual basis)	1,917.45	586.11	-79.34	3,786.17	2,000.81	
12	Less: Un-discharged Liabilities (as per IGAAP)	70.69	146.59	11.84	24.32	600	
13	Add: Discharges of un-discharged liabilities, corresponding to admitted assets/works (as per IGAAP)	314.48	169.72	116.20	503.46	3,414	
14	Net Additional Capital Expenditure Claimed (on cash basis)	2,161.24	609.24	25.02	4,265.31	4,814.53	

(Petitioner)

Statement showing items/assets/works claimed under Exclusions

PART-I
FORM- K
Amount in Rs

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2019-20**

Sl. No.	Head of Work / Equipment	ACE Claimed under Exclusion						Justification
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Undischarged Liability included in col. 3	Cash basis	IDC included in col. 3	
(1)	(2)	(3)	(3A)	**3B = 3+3A**	(4)	5= (3B-4)	(6)	(7)
B1	Capitalisation of Spares	1,226.54	0.08	1,226.62	8.30	1,218.33	-	As per Tariff Regulations, capitalization of Spares is not admissible after cut off date. Therefore, kept under exclusion.
B2	Decap Of Spares(Not Part Capital Cost)	-225.68	-	-225.68	-	-225.68	-	These assets are not part of capital cost, therefore decap of these items is being kept under exclusion. Details attached in Form-I
B3	Decap Of MBOAs (Not Part Of Capital Cost)	-41.59	-2.41	-43.99	-	-43.99	-	These assets are not part of capital cost, therefore decap of these items is being kept under exclusion. Details attached in Form-I
B4	Inter Unit Transfer							Temporary Inter unit transfers are excluded for the purpose of tariff therefore, kept under exclusion.
	Other Office Items	-	-	-	-	-	-	
	From Dadri to SSC faridabad	-4.30	-	-4.30	-	-4.30	-	
	From Dadri to CC	-1.73	-0.02	-1.75	-	-1.75	-	
	EDP, WP machines and satcom equipment	-	-	-	-	-	-	
	To Dadri Gas	-0.97	-0.74	-1.71	-	-1.71	-	
	To CC	-3.34	-1.99	-5.33	-	-5.33	-	
	To ERHQ patna	-0.26	-0.81	-1.07	-	-1.07	-	
	To faridabad Gas	-18.55	-1.43	-19.97	-	-19.97	-	
	From CC To Dadri	2.33	-	2.33	-	2.33	-	
	Total	-26.82	-4.98	-31.80	-	-31.80	-	
B5	Loan ERV	-8.12	-	-8.12	-	-8.12	-	As per CERC regulation,NTPC is entitled to directly claim ERV on Foreign Curreny Loans from beneficiaries. Therefore, FERV has been kept under exclusion.
B6	Liability Reversal	-	-	-	-	-	-	As per the practice, liabilities are excluded for the purpose of Tariff, therefore, reversal also kept under exclusion
	CHP-TURNKEY	-190.00	-	-190.00	-190.00	-	-	
	Station C&I	-74.33	-	-74.33	-74.33	-	-	
	Total	-264.33	-	-264.33	-264.33	-	-	
B7	OH Capitalisation	2,274.74	-2,274.74	-	-	-	-	Capitalization/Decapitalisation of Overhauling works is due to change in accounting parctice.Net impact on cash basis is zero. Therfore, kept under exclusion.
B8	OH Decapitalisation	-1,181.04	1,181.04	-	-	-	-	
B9	Asset Class Change	-	-	-	-	-	-	Asset class change is as per accounting parctice.Net impact on cash basis is zero. Therfore, kept under exclusion.
-	Furniture and Fixtures	6.59	0.45	7.04	-	7.04	-	
-	Other Office Equipments	-6.59	-0.45	-7.04	-	-7.04	-	
-	Subtotal	-	-	-	-	-	-	
B	**Total Exclusion**	**1,753.71**	**-1,101.01**	**652.70**	**-256.03**	**908.73**	**-**	

Petitioner

Statement showing items/assets/works claimed under Exclusions

PART-I
FORM- K
Amount in Rs

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2020-21**

Sl. No.	**Head of Work / Equipment**	**ACE Claimed under Exclusion**						**Justification**
		Accrual basis as per Note 2	**Ind AS Adj.**	**Accrual Basis as per IGAAP**	**Undischarged Liability included in col. 3**	**Cash basis**	**IDC included in col. 3**	
(1)	(2)	(3)	(3A)	**3B = 3+3A**	(4)	5= (3B-4)	(6)	(7)
B1	Capitalisation of Spares	673.17	-	673.17	36.06	637.11	-	As per Tariff Regulations, capitalization of Spares is not admissible after cut off date. Therefore, kept under exclusion.
B2	Decap Of Spares(Not Part Capital Cost)	-218.40	-	-218.40	-	-218.40	-	These assets are not part of capital cost, therefore decap of these items is being kept under exclusion. Details attached in Form-I
B3	Decap Of MBOAs (Not Part Of Capital Cost)	-54.51	-2.50	-57.01	-	-57.01	-	These assets are not part of capital cost, therefore decap of these items is being kept under exclusion. Details attached in Form-I
B4	Inter Unit Transfer							Temporary Inter unit transfers are excluded for the purpose of tariff therefore, kept under exclusion.
	EDP, WP machines and satcom equipment	-	-	-	-	-	-	
	To various station	-4.56	-0.79	-5.35	-	-5.35	-	
	From various station	1.12	-	1.12	-	1.12	-	
	Total	-3.43	-0.79	-4.22	-	-4.22	-	
B5	OH Decapitalisation	-44.13	44.13	-	-	-	-	Capitalization/Decapitalisation of Overhauling works is due to change in accounting parctice.Net impact on cash basis is zero. Therfore, kept under exclusion.
B	**Total Exclusion**	**352.70**	**40.84**	**393.54**	**36.06**	**357.48**	**-**	

Petitioner

Statement showing items/assets/works claimed under Exclusions

PART-I
FORM- K
Amount in Rs

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2021-22**

Sl. No.	**Head of Work / Equipment**	**ACE Claimed under Exclusion**						**Justification**
		Accrual basis as per Note 2	**Ind AS Adj.**	**Accrual Basis as per IGAAP**	**Undischarged Liability included in col. 3**	**Cash basis**	**IDC included in col. 3**	
(1)	(2)	(3)	(3A)	**3B = 3+3A**	(4)	5= (3B-4)	(6)	(7)
B1	Capitalisation of Spares	1,399.45	0.73	1,400.18	93.73	1,306.45	-	As per Tariff Regulations, capitalization of Spares is not admissible after cut off date. Therefore, kept under exclusion.
B2	Decap Of Spares(Not Part Capital Cost)	-238.34	-	-238.34	-	-238.34	-	These assets are not part of capital cost, therefore decap of these items is being kept under exclusion. Details attached in Form-I
B3	Decap Of MBOAs (Not Part Of Capital Cost)	-46.08	-2.76	-48.84	-	-48.84	-	These assets are not part of capital cost, therefore decap of these items is being kept under exclusion. Details attached in Form-I
B4	Inter Unit Transfer							Temporary Inter unit transfers are excluded for the purpose of tariff therefore, kept under exclusion.
	Furniture & Fixtures	-	-	-	-	-	-	
	From BTPS to Dadri	13.25	11.63	24.89	-	24.89	-	
	From CC To Dadri	1.02	1.25	2.27	-	2.27	-	
	EDP, WP machines and satcom equipment	-	-	-	-	-	-	
	From BTPS to Dadri	19.89	1.85	21.74	-	21.74	-	
	From Dadri to Dadri Gas	-2.42	-	-2.42	-	-2.42	-	
	From Faridabad Gas to Dadri	8.27	-	8.27	-	8.27	-	
	From Simhadri To dadri	2.13	-	2.13	-	2.13	-	
	From TSTPS to Dadri	2.14	-	2.14	-	2.14	-	
	Total	71.61	17.75	89.36	-	89.36	-	
B5	Liability Reversal	-	-	-	-	-	-	As per the practice, liabilities are excluded for the purpose of Tariff, therefore, reversal also kept under exclusion
	CIVIL WORK OF TOWNSHIP AUDITORIUM	-5.69	-	-5.69	-5.69	-	-	
	Total	-5.69	-	-5.69	-5.69	-	-	
B6	OH Capitalisation	1,129.43	-1,129.43	-	-	-	-	Capitalization/Decapitalisation of Overhauling works is due to change in accounting parctice.Net impact on cash basis is zero. Therfore, kept under exclusion.
B7	OH Decapitalisation	-1,985.65	1,985.65	-	-	-	-	
B	**Total Exclusion**	**324.74**	**871.93**	**1,196.67**	**88.03**	**1,108.64**	**-**	

Petitioner

Statement showing items/assets/works claimed under Exclusions

PART-I
FORM- K
Amount in Rs

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2022-23**

Sl. No.	Head of Work / Equipment	ACE Claimed under Exclusion						Justification
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Undischarged Liability included in col. 3	Cash basis	IDC included in col. 3	
(1)	(2)	(3)	(3A)	**3B = 3+3A**	(4)	5= (3B-4)	(6)	(7)
B1	Items Not Claimed	-	-	-	-	-	-	
1	Emission Control System Package	54,312	-	54,312	8,416	45,896	3,135	AS per tariff Regulations 2019, Capitalization towards ECS works has to be claimed in seperate Petition for determination of Supplementary Tariff towards ECS System., Therefore Kept under exclusion in the present Petition. Hon'ble Commission may be pleased to allow the same under exclusion
B2	Capitalisation of Spares	2,146.34	0.31	2,146.65	188.66	1,957.98	-	As per Tariff Regulations, capitalization of Spares is not admissible after cut off date. Therefore, kept under exclusion.
B3	Decap Of Spares(Not Part Capital Cost)	-175.04	-	-175.04	-	-175.04	-	These assets are not part of capital cost, therefore decap of these items is being kept under exclusion. Details attached in Form-I
B4	Decap Of MBOAs (Not Part Of Capital Cost)	-32.68	-3.00	-35.67	-	-35.67	-	These assets are not part of capital cost, therefore decap of these items is being kept under exclusion. Details attached in Form-I
B5	Inter Unit Transfer							Temporary Inter unit transfers are excluded for the purpose of tariff therefore, kept under exclusion.
-	**Furniture & Fixtures**	-	-	-	-	-		
-	From BTPS to Dadri	0.98	0.98	1.96	-	1.96		
-	From DBF To Dadri	8.03	20.69	28.72	-	28.72		
	Other Office Items	-	-	-	-	-		
	From BTPS to Dadri	4.85	1.63	6.49	-	6.49		
	From DBF To Dadri	30.58	8.30	38.88	-	38.88		
	From Dadri to CC	-0.40	-	-0.40	-	-0.40		
	EDP, WP machines and satcom equipment	-	-	-	-	-		
	From Sipat to Dadri	-	-	-	-	-		
	From Auraiya GPS To Dadri	0.58	-	0.58	-	0.58		
	From DBF to Dadri	24.33	7.44	31.77	-	31.77		
	From CC To Dadri	0.57	-	0.57	-	0.57		
	From Kawas GPS To Dadri	0.64	-	0.64	-	0.64		
	From Dadri to WRHQ	-0.56	-	-0.56	-	-0.56		
	From Vindyachal to Dadri	-	-	-	-	-		
	From Sipat To dadri	4.58	-	4.58	-	4.58		
	From Vindyachal to Dadri	5.56	-	5.56	-	5.56		

Statement showing items/assets/works claimed under Exclusions

PART-I
FORM- K
Amount in Rs

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**
For Financial Year	**2022-23**

Sl. No.	**Head of Work / Equipment**	**ACE Claimed under Exclusion**						**Justification**
		Accrual basis as per Note 2	**Ind AS Adj.**	**Accrual Basis as per IGAAP**	**Undischarged Liability included in col. 3**	**Cash basis**	**IDC included in col. 3**	
(1)	(2)	(3)	(3A)	**3B = 3+3A**	(4)	5= (3B-4)	(6)	(7)
	Vehicles including Speedboats	-	-	-	-	-		Temporary Inter unit transfers are excluded for the purpose of tariff therefore, kept under exclusion.
	From BTPS to Dadri	-	0.02	0.02	-	0.02	-	
	Electrical Installation	-	-	-	-	-	-	
	From BTPS to Dadri	0.15	0.06	0.21	-	0.21	-	
	Communication Equipment	-	-	-	-	-	-	
	From DBF To Dadri	6.21	2.16	8.36	-	8.36	-	
	Lab Equipment	-	-	-	-	-	-	
	From DBF To Dadri	9.73	-	9.73	-	9.73	-	
	Software	-	-	-	-	-	-	
	From DBF To Dadri	0.33	-	0.33	-	0.33	-	
	Total	96.18	41.26	137.44	-	137.44	-	
B6	Liability Reversal	-	-	-	-	-	-	As per the practice, liabilities are excluded for the purpose of Tariff, therefore, reversal also kept under exclusion
	ASH HANDLING - SUPPL & EREC (Stage II)	-543.04	-	-543.04	-543.04	-	-	
	Total	-543.04	-	-543.04	-543.04	-	-	
B7	OH Capitalisation	1,116.27	-1,116.27	-	-	-	-	Capitalization/Decapitalisation of Overhauling works is due to change in accounting parctice.Net impact on cash basis is zero. Therfore, kept under exclusion.
B8	OH Decapitalisation	-2,133.78	2,133.78	-	-	-	-	
B9	Asset Class Change	-	-	-	-	-	-	Asset class change is as per accounting parctice.Net impact on cash basis is zero. Therfore, kept under exclusion.
-	Furniture and Fixtures	13.45	-	13.45	-	13.45	-	
-	Other Office Equipments	-12.76	-0.70	-13.45	-	-13.45	-	
-	Subtotal	0.70	-0.70	-	-	-	-	
B	**Total Exclusion**	**54,787.37**	**1,055.39**	**55,842.76**	**8,062.11**	**47,780.65**	**3,134.76**	

Petitioner

Statement showing items/assets/works claimed under Exclusions								PART-I FORM- K Amount in Rs
Name of the Petitioner		**NTPC Ltd.**						
Name of the Generating Station		**NCTPS St-II**						
COD		**31-07-2010**						
For Financial Year		**2023-24**						
Sl. No.	**Head of Work / Equipment**	**ACE Claimed under Exclusion**						**Justification**
		Accrual basis as per Note 2	**Ind AS Adj.**	**Accrual Basis as per IGAAP**	**Undischarged Liability included in col. 3**	**Cash basis**	**IDC included in col. 3**	
(1)	(2)	(3)	(3A)	**3B = 3+3A**	(4)	5= (3B-4)	(6)	(7)
B1	Items Not Claimed	-	-	-	-	-	-	
1	Emission Control System Package	10,454.86	-	10,454.86	1,771.46	8,683.40		AS per tariff Regulations 2019, Capitalization towards ECS works has to be claimed in seperate Petition for determination of Supplementary Tariff towards ECS System., Therefore Kept under exclusion in the present Petition. Hon'ble Commission may be pleased to allow the same under exclusion
2	CW & MAKE-UP WATER SYSTEM (Stage II)	9.46	-	9.46	3.60	5.86	-	These items are not claimable as per extant regulation of CERC , therefore kept under exclusion
3	Tertiary Treatment plant(MLD Activated)	295.53	-	295.53	48.94	246.59	-	
-	Total	10,759.85	-	10,759.85	1,824.00	8,935.85	-	
B2	Capitalisation of Spares	1,563.12	-	1,563.12	38.14	1,524.98	-	As per Tariff Regulations, capitalization of Spares is not admissible after cut off date. Therefore, kept under exclusion.
B3	Decap Of Spares(Not Part Capital Cost)	-	-	-	-	-	-	These assets are not part of capital cost, therefore decap of these items is being kept under exclusion. Details attached in Form-I
B4	Decap Of MBOAs (Not Part Of Capital Cost)	-134.49	-3.99	-138.48	-	-138.48	-	These assets are not part of capital cost, therefore decap of these items is being kept under exclusion. Details attached in Form-I
B5	Inter Unit Transfer							Temporary Inter unit transfers are excluded for the purpose of tariff therefore, kept under exclusion.
-	**Furniture & Fixtures**	-	-	-	-	-		
-	From BTPS to Dadri	0.04	0.05	0.10	-	0.10		
	Other Office Items	-	-	-	-	-		
	From BTPS to Dadri	0.08	0.03	0.11	-	0.11		
	EDP, WP machines and satcom equipment	-	-	-	-	-		
	From Auriya to Dadri	0.06	0.09	0.15	-	0.15		
	From CC to Dadri	0.60	-	0.60	-	0.60		
	From EOC to Dadri	0.72	-	0.72	-	0.72		
	From Kanti to Dadri	1.27	-	1.27	-	1.27		
	From Sipat to Dadri	0.49	-	0.49	-	0.49		
	From Dadri to Dadri Gas	-5.33	-0.13	-5.46	-	-5.46		
	Total	-2.08	0.04	-2.03	-	-2.03	-	

Statement showing items/assets/works claimed under Exclusions								PART-I FORM- K Amount in Rs
Name of the Petitioner			**NTPC Ltd.**					
Name of the Generating Station			**NCTPS St-II**					
COD			**31-07-2010**					
For Financial Year			**2023-24**					
B6	Liability Reversal	-	-	-	-	-	-	As per the practice, liabilities are excluded for the purpose of Tariff, therefore, reversal also kept under exclusion
-	Township Package	-102.89	-	-102.89	-102.89	-	-	
-	400 KV Class Bus Sectionaliser	-36.07	-	-36.07	-36.07	-	-	
	Total	-138.96	-	-138.96	-138.96	-	-	
B7	OH Capitalisation	1,148.02	-1,148.02	-	-	-	-	Capitalization/Decapitalisation of Overhauling works is due to change in accounting parctice.Net impact on cash basis is zero. Therfore, kept under exclusion.
B8	OH Decapitalisation	-1,189.31	1,189.31	-	-	-	-	
B9	Asset Class Change	-	-	-	-	-	-	Asset class change is as per accounting parctice.Net impact on cash basis is zero. Therfore, kept under exclusion.
-	EDP, WP machines and satcom equipment	-1.94	-1.62	-3.55	-	-3.55	-	
-	Communication Equipment	3.55	-	3.55	-	3.55	-	
-	Subtotal	1.62	-1.62	-	-	-	-	
B	**Total Exclusion**	**12,007.77**	**35.72**	**12,043.49**	**1,723.17**	**10,320.32**	**-**	

Petitioner

PART-I
FORM- L

Statement of Capital cost

(Amount in Rs Lakh)

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**

Sl. No.	Particulars	2019-20			2020-21			2021-22			2022-23			2023-24		
		Accrual	Un-discharged	Cash Basis	Accrual	Un-discharged	Cash Basis	Accrual	Un-discharged	Cash Basis	Accrual	Un-discharged	Cash Basis	Accrual	Un-discharged	**Cash Basis**
A	a) Opening Gross Block Amount as per	5,18,796.42	7,006.63	5,11,789.79	5,21,366.56	6,457.24	5,14,909.32	5,22,346.21	6,439.39	5,15,906.82	5,23,463.55	6,386.30	5,17,077.25	5,83,092.47	14,077.29	5,69,015.18
	b) Amount of IDC in A(a) above	41,544.56		41,544.56	41,544.56	0.00	41,544.56	41,544.56	0.00	41,544.56	41,544.56	0.00	41,544.56	44,679.32	0.00	44,679.32
	c) Amount of FC in A(a) above			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	d) Amount of FERV in A(a) above	1,764.34		1,764.34	1,764.34	0.00	1,764.34	1,764.34	0.00	1,764.34	1,764.34	0.00	1,764.34	1,764.34	0.00	1,764.34
	e) Amount of Hedging Cost in A(a) above			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	f) Amount of IEDC in A(a) above	4,400.84		4,400.84	4,400.84	0.00	4,400.84	4,400.84	0.00	4,400.84	4,400.84	0.00	4,400.84	5,048.24	0.00	5,048.24
				0.00			0.00			0.00			0.00			0.00
B	a) Addition in Gross Block Amount during	1,571.70	74.80	1,496.90	1,477.64	182.65	1,295.00	1,636.18	102.56	1,533.62	3,370.01	190.87	3,179.14	11,395.35	2,280.78	9,114.57
	b) Amount of IDC in B(a) above			0.00			0.00			0.00			0.00			0.00
	c) Amount of FC in B(a) above			0.00			0.00			0.00			0.00			0.00
	d) Amount of FERV in B(a) above			0.00			0.00			0.00			0.00			0.00
	e) Amount of Hedging Cost in B(a) above			0.00			0.00			0.00			0.00			0.00
	f) Amount of IEDC in B(a) above			0.00			0.00			0.00			0.00			0.00
				0.00			0.00			0.00			0.00			0.00
C	a) Addition in Gross Block Amount during	1,723.41	4.18	1,719.23	6.90	0.00	6.90	131.14	3.01	128.13	56,824.72	8,640.85	48,183.87	3,546.26	212.43	3,333.83
	b) Amount of IDC in C(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,134.76	0.00	3,134.76	933.69	0.00	933.69
	c) Amount of FC in C(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	d) Amount of FERV in C(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	e) Amount of Hedging Cost in C(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	f) Amount of IEDC in C(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	647.40	0.00	647.40	373.41	0.00	373.41
				0.00			0.00			0.00			0.00			0.00
D	a) Deletion in Gross Block Amount during	724.96		724.96	504.89		504.89	649.99		649.99	565.81		565.81	897.32		897.32
	b) Amount of IDC in D(a) above			0.00			0.00			0.00			0.00			0.00
	c) Amount of FC in D(a) above			0.00			0.00			0.00			0.00			0.00
	d) Amount of FERV in D(a) above			0.00			0.00			0.00			0.00			0.00
	e) Amount of Hedging Cost in D(a) above			0.00			0.00			0.00			0.00			0.00
	f) Amount of IEDC in D(a) above			0.00			0.00			0.00			0.00			0.00
				0.00			0.00			0.00			0.00			0.00
E	a) Closing Gross Block Amount as per	5,21,366.56	6,457.24	5,14,909.32	5,22,346.21	6,439.39	5,15,906.82	5,23,463.55	6,386.30	5,17,077.25	5,83,092.47	14,077.29	5,69,015.18	5,97,136.77	6,916.56	5,90,220.22
	b) Amount of IDC in E(a) above	41,544.56	0.00	41,544.56	41,544.56	0.00	41,544.56	41,544.56	0.00	41,544.56	44,679.32	0.00	44,679.32	45,613.01	0.00	45,613.01
	c) Amount of FC in E(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	d) Amount of FERV in E(a) above	1,764.34	0.00	1,764.34	1,764.34	0.00	1,764.34	1,764.34	0.00	1,764.34	1,764.34	0.00	1,764.34	1,764.34	0.00	1,764.34
	e) Amount of Hedging Cost in E(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	f) Amount of IEDC in E(a) above	4,400.84	0.00	4,400.84	4,400.84	0.00	4,400.84	4,400.84	0.00	4,400.84	5,048.24	0.00	5,048.24	5,421.64	0.00	5,421.64
			628			**200**			**159**			**1,141**			**9,654**	

(Petitioner)

PART-I
FORM- M

Statement of Capital Works in Progress

(Amount in Rs Lakh)

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**

Sl. No.	Particulars	2019-20			2020-21			2021-22			2022-23			2023-24		
		Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening CWIP as per books	19,043.53	7,143.29	#######	51,938.34	14,864.78	37,073.55	63,435.31	16,274.65	47,160.66	71,670.56	16,774.07	54,896.49	18,384.13	2,356.87	16,027.26
	b) Amount of IDC in A(a) above	28.61		28.61	791.14	-	791.14	1,966.81	-	1,966.81	3,318.75	-	3,318.75	766.99	-	766.99
	c) Amount of FC in A(a) above			-	-	-	-	-	-	-	-	-	-	-	-	-
	d) Amount of FERV in A(a) above			-	-	-	-	-	-	-	-	-	-	-	-	-
	e) Amount of Hedging Cost in A(a) above			-	-	-	-	-	-	-	-	-	-	-	-	-
	f) Amount of IEDC in A(a) above			-	-	-	-	-	-	-	-	-	-	264.37	-	264.37
				-			-			-			-			
B	a) Addition in CWIP during the period	34,618.22	28,215.21	#######	11,503.87	4,911.43	6,592.43	8,366.39	1,514.77	6,851.62	3,538.29	896.75	2,641.54	6,977.10	817.23	6,159.87
	b) Amount of IDC in B(a) above	762.53		762.53	1,175.67	-	1,175.67	1,351.94		1,351.94	582.99		582.99	168.08	-	168.08
	c) Amount of FC in B(a) above			-	-	-	-			-			-			
	d) Amount of FERV in B(a) above			-	-	-	-			-			-			
	e) Amount of Hedging Cost in B(a) above			-	-	-	-			-			-			
	f) Amount of IEDC in B(a) above			-		-	-			-	911.77		911.77	109.04		109.04
				-	-	-	-			-			-			
C	a) Transferred to Gross Block Amount during	**1,723.41**	4.18	#######	6.90	-	6.90	131.14	3.01	128.13	56,824.72	8,640.85	48,183.87	3,546.26	212.43	3,333.83
	b) Amount of IDC in C(a) above	-		-			-			-	3,134.76		3,134.76	933.69	-	933.69
	c) Amount of FC in C(a) above	-		-			-			-			-			
	d) Amount of FERV in C(a) above	-		-			-			-			-			
	e) Amount of Hedging Cost in C(a) above	-		-			-			-			-			
	f) Amount of IEDC in C(a) above	-		-			-			-	647.40		647.40	373.41		373.41
				-			-			-			-			
D	a) Deletion in CWIP during the period		-	-			-			-			-			
	b) Amount of IDC in D(a) above			-			-			-			-			
	c) Amount of FC in D(a) above			-			-			-			-			
	d) Amount of FERV in D(a) above			-			-			-			-			
	e) Amount of Hedging Cost in D(a) above			-			-			-			-			
	f) Amount of IEDC in D(a) above			-			-			-			-			
				-			-			-						
E	a) Closing CWIP as per books	51,938.34	14,864.78	#######	63,435.31	16,274.65	47,160.66	71,670.56	16,774.07	54,896.49	18,384.13	2,356.87	16,027.26	21,814.96	1,000.53	20,814.43
	b) Amount of IDC in E(a) above	791.14		791.14	1,966.81	-	1,966.81	3,318.75	-	3,318.75	766.99	-	766.99	1.38	-	1.38
	c) Amount of FC in E(a) above			-	-	-	-	-	-	-	-	-	-	-	-	-
	d) Amount of FERV in E(a) above			-	-	-	-	-	-	-	-	-	-	-	-	-
	e) Amount of Hedging Cost in E(a) above			-	-	-	-	-	-	-	-	-	-	-	-	-
	f) Amount of IEDC in E(a) above			-	-	-	-	-	-	-	264.37	-	264.37	-	-	-
	Liability discharge		20490			3502			1012			6673			1961	

(Petitioner)

PART-I
FORM- N

Calculation of Interest on Normative Loan

Name of the Company :	**NTPC Ltd.**
Name of the Power Station :	**NCTPS St-II**

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
1	Gross Normative loan – Opening	3,48,280.73	3,47,774.49	3,49,287.36	3,49,713.82	3,49,731.34	3,52,575.47
2	Cumulative repayment of Normative loan up to previous year	1,88,392.92	2,13,253.68	2,38,211.33	2,63,323.80	2,88,341.05	3,13,449.23
3	**Net Normative loan – Opening**	1,59,887.81	1,34,520.81	1,11,076.03	86,390.02	61,390.28	39,126.24
4	Add: Increase due to addition during the year / period	12.95	1,611.43	468.30	190.15	2,740.28	1,447.05
5	Less: Decrease due to de-capitalisation during the year / period	570.16	318.70	160.64	253.97	248.56	488.23
6	Less: Decrease due to reversal during the year / period						
7	Add: Increase due to discharges during the year / period	50.97	220.13	118.80	81.34	352.42	2510.57
8	Less: Repayment of Loan(8a-8b)	24860.76	24957.65	25112.47	25017.26	25108.17	10716.71
8a	Repayment of Loan(	25190.66	25,123.91	25,199.56	25,221.14	25,323.87	11,159.02
8b	Less: Repayment adjustment	329.90	166.26	87.10	203.89	215.70	442.31
9	**Net Normative loan - Closing**	1,34,520.81	1,11,076.03	86,390.02	61,390.28	39,126.24	31,878.92
10	**Average Normative loan**	1,47,204.31	1,22,798.42	98,733.02	73,890.15	50,258.26	35,502.58
11	Weighted average rate of interest	8.765	8.912	8.202	7.446	7.318	7.099
12	**Interest on Loan**	**12903.05**	**10943.51**	**8098.52**	**5501.65**	**3678.13**	**2520.43**

(Petitioner)

PART 1
FORM- O

Calculation of Interest on Working Capital

Name of the Company :	**NTPC Ltd.**
Name of the Power Station :	**NCTPS St-II**

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
1	Cost of Coal/Lignite	31,754.36	31937.30	35273.16	29095.44	30779.55	42199.36
2	Cost of Main Secondary Fuel Oil	221.80	282.70	311.30	260.46	311.91	486.59
3	Fuel Cost						
4	Liquid Fuel Stock						
5	O & M Expenses	1,711.41	2051.77	2124.65	2216.03	2266.03	2393.86
6	Maintenance Spares	4,107.39	4924.26	5099.16	5318.46	5438.47	5745.26
7	Receivables	49,200.79	41052.12	43895.68	37883.41	39352.91	48515.59
8	Total Working Capital	86995.76	80248.15	86703.94	74773.80	78148.87	99340.66
9	Rate of Interest	13.5000	12.0500	11.2500	10.5000	10.5000	12.0000
10	**Interest on Working Capital**	**11744.43**	**9669.90**	**9754.19**	**7851.25**	**8205.63**	**11920.88**

Petitioner

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2019***	**liability in additional capitalisation for 2019-20 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2019-20**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)		16=(10+11+12-15)					
a)For assets eligible for normal RoE										
1	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 5	2009-10	Allowed	1,39,30,823.65					0.00
2	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 5	2013-14	Allowed	2,95,943.36					0.00
3	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 6	2010-11	Allowed	45,62,34,206.56			1,66,96,214.00		1,66,96,214.00
4	1035771 BHEL NEW DELHI	TURBINE GENERATOR : UNIT # 6		Allowed	20,11,194.73					0.00
5	1026617 ELECON ENGINEERING CO LTD	CHP-TURNKEY (Stage II)	2009-10	Allowed	3,34,44,302.98			1,44,44,688.00	1,89,99,614.98	3,34,44,302.98
6	1006889 PAHARPUR COOLING TOW	COOLING TOWER (Stage II)	2009-10	Allowed	1,28,15,487.68					0.00
7	1006663 BHARAT HEAVY ELECTRI	STATION C&I (Stage II)	2010-11	Allowed	74,33,214.91				74,33,214.91	74,33,214.91
8	1004972 THE INDURE PVT LTD	ASH HANDLING - SUPPL & EREC (Stage II)	2010-11	Allowed	11,18,19,125.49					0.00
9	1048629 Mx Systems Internati	FIRE DETECTION & PROTECTION SYSTEM (Stage II)	2009-10	Allowed	4,47,459.00					0.00
10	1006601 ABB INDIA LTD	HT SWITCHGEARS (11,3.3 KV) (Stage II)	2009-10	Allowed	2,40,000.00					0.00
11	1001982 GE INDIA INDUSTRIAL	LT SWITCHGEARS AND LT BUSDUCT (Stage II)	2010-11	Allowed	4,89,434.00					0.00
12	1003184 LARSEN & TOUBRO LTD	ELECTRICAL EQUIPMENT SUPPLY & ERECTION (Stage II)	2010-11	Allowed	26,082.27					0.00
13	1014553 WPIL LTD	CW & MAKE-UP WATER SYSTEM (Stage II)	2010-11	Allowed	14,50,200.00					0.00
14	1001499 DRIPLEX WATER ENGINEERING LTD	PRETREATMENT PLANT (Satge II)	2010-11	Allowed	1,30,42,519.95					0.00
15	1001499 DRIPLEX WATER ENGINEERING LTD	DM PLANT (Stage II)	2010-11	Allowed	20,07,777.19					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2019***	**liability in additional capitalisation for 2019-20 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2019-20**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)		16=(10+11+12-15)					
16	1001499 DRIPLEX WATER ENGINEERING LTD	CPU PKG.	2011-12	Allowed	5,88,347.60					0.00
17	1003114 KUMAR CONSTRUCTION CO	Ash Brick Plant 55-4479	2011-12	Allowed	6,02,007.95					0.00
18	1074259 Aakar Engineers & Contractors	PATROLLING ROAD AT R&D YARD(55-9238	2012-13	Allowed	30,000.00					0.00
19	1101572 CST & CO	Bituminous road surfacing and cement concrete road in Plant Premises at NCPS Dadri.55-10800	2012-13	Allowed	6,825.00			150.00		150.00
20	1032847 ERA INFRA ENGINEERING LIMITED	Piling foundation	2012-13	Allowed	5,21,443.40					0.00
21	1004965 THE ENERGY & RESOURC	Bio-Methanation Plant	2013-14	Allowed	1,245.00					0.00
22	1111206 CEECO TECHNOLOGIES PVT LTD (5500012954)	Electrification work -TOWNSHIP AUDITORIUM	2014-15	Allowed	3,71,925.00					0.00
23	1085272 Comfort Systems (5500008638)	Electrification work -TOWNSHIP AUDITORIUM	2014-15	Allowed	17,47,376.38					0.00
24	1047432 ANURAG ENTERPRISES	CIVIL WORKS : SER BUILDING	2014-15	Allowed	1,24,72,626.58					0.00
25	1046309 P R ENTERPRISES	ET HOSTEL STAGE-II		Allowed	1,09,260.69			84,800.69		84,800.69
26	1024032 ONKAR PLASTER DECORATION WORKS	ACOUSTIC TREATMENT FOR AUDITORIUM AT NCPS DADRI	2014-15	Allowed	12,86,886.15			1,83,135.00		1,83,135.00
27	1014322 TECHNOWARE SYSTEMS INDIA (P) L	CCTV camera	2015-16	Allowed	64,000.00					0.00
28	1032847 ERA INFRA ENGINEERING LIMITED	AUXILIARY BUILDING(FIRE STATION BUILDING)		Allowed	66,567.60					0.00
29	EPP COMPOSITES PVT LTD	M1050940043_STORAGE TANK:HYDROCHLORIC ACID:FRP-300	2017-18	Allowed	6,53,181.00					0.00
30	TOSHI AUTOMATIC SYSTEMS PVT LTD	Supply & installation boom barrier Township Gate	2017-18	Allowed	13,150.00			13,150.00		13,150.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2019***	**liability in additional capitalisation for 2019-20 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2019-20**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)		16=(10+11+12-15)					
31	1128778_LOGICLADDER TECHNOLOGIES PVT L	Supply RealTimeDataTransmission Hardware	2016-17	Allowed	25,500.00			25,500.00		25,500.00
32	1003114 KUMAR CONSTRUCTION CO & 1000441 GE T&D INDIA LTD	400 KV Class Bus Sectionaliser	2019-20	Claimed		19,97,600.00				0.00
33	1026617 ELECON ENGINEERING CO LTD	CHP TURNKEY	2019-20	Claimed		15,89,029.28				0.00
34	Multiple Parties	Zero Discharge System	2019-20	Claimed		15,48,043.00				0.00
35	1045279 CRANEX LTD	Erect &Comm of 30/5 MT Crane &3 MT Elect	2019-20	Claimed		9,15,893.00				0.00
36	VIDEO MANAGEMENT SOFTWARE FOR CCTV	GUNANK TECHNOLOGIES PVT LTD	2020-21	Claimed						0.00
37	D Type Qtrs	ANURAG ENTERPRISES	2020-21	Claimed						0.00
38	D Type Qtrs	ANURAG ENTERPRISES	2020-21	Claimed						0.00
39	TRILOK SINGH CONSTRUCTION CO	Construction of shed :storage area of gl	2021-22	Claimed						
40	SUMMITS HYGRONICS (P) LTD	Circuit Breaker SF6 400KV 3150A	2021-22	Claimed						
41	ROYAL CONSTRUCTION CO.	RESERVOIR	2022-23	Claimed						0.00
42	1005911 SIEMENS LTD	Additional Signals Configuration in AGC project of Stage-2 NTPC Dadri Located at NCPS Dadri Distt Gautam Budh Nagar Uttar Pradesh.	2022-23	Claimed						0.00
43	1072329_R K Engineering Corporation	Supply installation testing and commissioning of real time water measurement equipment	2022-23	Claimed						0.00
44	1110565 - YANTRA HARVEST ENERGY PVT LTD	VFD for CEP in stage#2 U#5	2023-24	Claimed						0.00
45	1135005 - HIGHGROUND ENERGY PVT LTD	Solar Panel installed on CW Channel	2023-24	Claimed						0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2019***	**liability in additional capitalisation for 2019-20 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2019-20**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)		16=(10+11+12-15)					
46	1182518 - YAHA WATER SYSTEMS	MLD Activated Filter Tertiary Treatment plant	2023-24	Not Claimed						0.00
47	BHARAT HEAVY ELECTRICALS LIMITED	HMI of M/s BHEL with Cyber Security Features U#5	2023-24	Claimed						0.00
48	Siemens Ltd	Flexible Control Measures & Impact Assessment Tool	2023-24	Claimed						0.00
49	1080161 - SRD Construction Co.	CW & MAKE-UP WATER SYSTEM (Stage II)	2023-24	Not Claimed						0.00
50	1009520 INTERNAL ELECTRONICS	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM for O&M	2015-16	Not Claimed	39,900.00			39,900.00		39,900.00
51	1134879 SHIFALI BUSINESS	DIGITAL DUPLICATOR:90-129 PPM	2015-16	Not Claimed	13,000.00					0.00
52	1064216 RICOH INDIA LTD	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM	2015-16	Not Claimed	1,70,000.00					0.00
53	1035962 FORTUNA IMPEX PTE.LT	Biometric Time Attendance System	2016-17	Not Claimed	4,54,705.00			4,54,705.00		4,54,705.00
54	1052492 GANGOTRI ENTERPRISES LTD	RESERVOIR	2016-17	Not Claimed	1,79,47,721.37					0.00
55	1107398_SVS TECHNOLOGY SERVICES PVT LT	NAS BASED STORAGE - SAS, 10TB	2016-17	Not Claimed	67,500.00					0.00
56	1134879_SHEFALI BUSINESS SYSTEM	N/W LASERJET: A3, COLOR, PRINT,COPY&SCAN	2016-17	Not Claimed	28,300.00					0.00
57	1041746_BEML LIMITED	WHEEL LOADER FITTED WITH TORQUE CONVERTR	2016-17	Not Claimed	11,174.00					0.00
58	1047402_AMPEE TRADING CO	M3247576036_KIRLOSKAR PUMP ASSY MODEL DSM 125/40	2016-17	Not Claimed	49,000.00					0.00
59	1000319_AMCO INDUSTRIES	M51019060 99N_SEALING RING (IN 8 PARTS) 01050509000	2017-18	Not Claimed	2,55,200.00					0.00
60	1000560_ASTECH MARKETING PVT LTD	M9481056076_ACTUATOR COMPLETE,AUMA SA10.1,STG DRAI	2017-18	Not Claimed	6,136.00					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2019***	**liability in additional capitalisation for 2019-20 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2019-20**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)		16=(10+11+12-15)					
61	1001992_GEECO ENERCON PVT LTD	M4750016758_PAPH ASSY:27.5 VIM:(CW+CCW)FLEXI RAD(H	2017-18	Not Claimed	75,069.00					0.00
62	1006827_LARSEN & TOUBRO LTD	M8564265080_AIR CIRCUIT BREAKER RS IS:10027800 A	2017-18	Not Claimed	29,46,985.00			17,67,285.00		17,67,285.00
63	1020285_ACME OFFICE SOLUTIONS PVT LIMITED	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM	2017-18	Not Claimed	41,000.00					0.00
64	1146694_ARORA TRADING COMPANY	TOWER TYPE 4TON AIRCONDITIONER	2017-18	Not Claimed	3,200.00					0.00
65	1146694_ARORA TRADING COMPANY	WINDOW AIR CONDITIONER 1.5 TON	2017-18	Not Claimed	9,200.00					0.00
66	1010543_AGMATEL INDIA PVT.LTD	DESKTOP PC: CORE-I5, ALL IN ONE,8GB M9713020084	2018-19	Not Claimed	7,48,901.00			1,06,986.00		1,06,986.00
67	1126452_ANB COMPUTER SOLUTIONS PVT LTD	SCANNER A4 SIZE 1200 DPI	2018-19	Not Claimed	31,500.00					0.00
68	1126452_ANB COMPUTER SOLUTIONS PVT LTD	SERVER - INTEL XEON,DUAL CPU,WITH OS	2018-19	Not Claimed	5,47,871.00			5,47,871.00		5,47,871.00
69	1042318_NAT STEEL EQUIPMENT PVT LTD	AUTOCLAVE: HORIZONTAL	2018-19	Not Claimed	43,000.00					0.00
70	1098433_BLUEFIC INDUSTRIAL AND SCIENTIFIC	MORTUARY CHAMBER (TWO BODIES)	2018-19	Not Claimed	2,65,500.00			2,65,500.00		2,65,500.00
71	1050575_ROYAL TRADELINKS PVT LTD	FOGGING M/C:SMALL	2018-19	Not Claimed	1,51,158.00			1,51,158.00		1,51,158.00
72	1004006_NUTECH JETTING EQUIPMENTS INDIA	M3100500099_PUMP:HEAD(10000-12000M);FLOW(	2018-19	Not Claimed	2,19,000.00					0.00
73	1080251_Clyde Pumps India Pvt Ltd	M3136806131_IMPELLER 1ST STAGE#44-WEIR BFP-PR:FK4E	2018-19	Not Claimed	1,27,000.00					0.00
74	1037002_SCHRADER DUNCAN LTD.	M5656046006N_900X900:STROKE CYL ASSY	2018-19	Not Claimed	56,000.00					0.00
75	1119225_BERCO UNDERCARRIAGES(INDIA) PVT LTD	M5530026012_AF/93:COMP CHAIN ASSEMBLY	2018-19	Not Claimed	33,456.00					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2019***	**liability in additional capitalisation for 2019-20 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2019-20**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)		16=(10+11+12-15)					
76	1006713_CG POWER AND INDUSTRIAL SOLUTIONS	M8752219501_HV BSNG+M PRT&GSKT:125MVAR 400KV SH RC	2018-19	Not Claimed	8,70,000.00			8,70,000.00		8,70,000.00
77	1000560_ASTECH MARKETING PVT LTD	M9481406003_AUMA(G) SA10.1-F10-B1-8 - 705130	2018-19	Not Claimed	7,52,980.00			7,52,980.00		7,52,980.00
78	ECS Systems	BHARAT HEAVY ELECTRICALS LIMITED	2022-23	Not Claimed						0.00
79	1004340 POWER GRID CORPORATION OF INDIA LTD	400KV D/C TRANSMISSION LINE-1	2014-15	Not Claimed	**80,65,446.50**	**0.00**	**0.00**	**0.00**	**0.00**	0.00
80	Various Parties	MBOAs	2019-20	Claimed	0.00	10,18,021.00	0.00	0.00	0.00	0.00
81	Various Parties	MBOAs	2020-21	Claimed	0.00	0.00	0.00	0.00	0.00	0.00
82	Various Parties	MBOAs	2021-22	Claimed	0.00	0.00	0.00	0.00	0.00	0.00
83	Various Parties	MBOAs	2022-23	Claimed	0.00	0.00	0.00	0.00	0.00	0.00
84	Various Parties	MBOAs	2023-24	Claimed	0.00	0.00	0.00	0.00	0.00	0.00
85	Various Parties	Spares	2019-20	Not Claimed	0.00	8,29,770.00	0.00	0.00	0.00	0.00
86	Various Parties	Spares	2020-21	Not Claimed	0.00	0.00	0.00	0.00	0.00	0.00
87	Various Parties	Spares	2021-22	Not Claimed	0.00	0.00	0.00	0.00	0.00	0.00
88	Various Parties	Spares	2022-23	Not Claimed	0.00	0.00	0.00	0.00	0.00	0.00
88	Various Parties	Spares	2023-24	Not Claimed	0.00	0.00	0.00	0.00	0.00	0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2019***	**liability in additional capitalisation for 2019-20 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2019-20**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)		16=(10+11+12-15)					
b) For assets eligible for RoE at weightage average rate of interest on loan				**b) For assets eligible for RoE at weightage average rate of interest on loan**						
41	1178927_TATA ADVANCED SYSTEMS LIMITED	INTEGRATED SECURITY SYSTEM Package	2022-23	Claimed						0.00
Allowed					674248114.1	0	0	31447637.69	26432829.89	57880467.58
Claimed					0	7068586.28	0	0	0	0
Not Claimed					34029902.87	829770	0	4956385	0	4956385
Allowed+Claimed @ Normal ROE					674248114.1	7068586.28	0	31447637.69	26432829.89	57880467.58
Allowed+Claimed @ WAROI					0.00	0.00	0.00	0.00	0.00	0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2020**	**liability in additional capitalisation for 2020-21 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2020-21**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
a)For assets eligible for normal RoE										
1	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 5	2009-10	Allowed	1,39,30,823.65					0.00
2	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 5	2013-14	Allowed	2,95,943.36					0.00
3	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 6	2010-11	Allowed	43,95,37,992.56					0.00
4	1035771 BHEL NEW DELHI	TURBINE GENERATOR : UNIT # 6		Allowed	20,11,194.73					0.00
5	1026617 ELECON ENGINEERING CO LTD	CHP-TURNKEY (Stage II)	2009-10	Allowed	0.00					0.00
6	1006889 PAHARPUR COOLING TOW	COOLING TOWER (Stage II)	2009-10	Allowed	1,28,15,487.68					0.00
7	1006663 BHARAT HEAVY ELECTRI	STATION C&I (Stage II)	2010-11	Allowed	0.00					0.00
8	1004972 THE INDURE PVT LTD	ASH HANDLING - SUPPL & EREC (Stage II)	2010-11	Allowed	11,18,19,125.49			69,28,771.00		69,28,771.00
9	1048629 Mx Systems Internati	FIRE DETECTION & PROTECTION SYSTEM (Stage II)	2009-10	Allowed	4,47,459.00			4,47,459.00		4,47,459.00
10	1006601 ABB INDIA LTD	HT SWITCHGEARS (11,3.3 KV) (Stage II)	2009-10	Allowed	2,40,000.00					0.00
11	1001982 GE INDIA INDUSTRIAL	LT SWITCHGEARS AND LT BUSDUCT (Stage II)	2010-11	Allowed	4,89,434.00					0.00
12	1003184 LARSEN & TOUBRO LTD	ELECTRICAL EQUIPMENT SUPPLY & ERECTION (Stage II)	2010-11	Allowed	26,082.27					0.00
13	1014553 WPIL LTD	CW & MAKE-UP WATER SYSTEM (Stage II)	2010-11	Allowed	14,50,200.00					0.00
14	1001499 DRIPLEX WATER ENGINEERING LTD	PRETREATMENT PLANT (Satge II)	2010-11	Allowed	1,30,42,519.95	3,34,638.00		47,93,695.87		47,93,695.87
15	1001499 DRIPLEX WATER ENGINEERING LTD	DM PLANT (Stage II)	2010-11	Allowed	20,07,777.19	4,73,292.00		1,19,554.06		1,19,554.06

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2020**	**liability in additional capitalisation for 2020-21 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2020-21**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
16	1001499 DRIPLEX WATER ENGINEERING LTD	CPU PKG.	2011-12	Allowed	5,88,347.60					0.00
17	1003114 KUMAR CONSTRUCTION CO	Ash Brick Plant 55-4479	2011-12	Allowed	6,02,007.95					0.00
18	1074259 Aakar Engineers & Contractors	PATROLLING ROAD AT R&D YARD(55-9238	2012-13	Allowed	30,000.00					0.00
19	1101572 CST & CO	Bituminous road surfacing and cement concrete road in Plant Premises at NCPS Dadri.55-10800	2012-13	Allowed	6,675.00			6,675.00		6,675.00
20	1032847 ERA INFRA ENGINEERING LIMITED	Piling foundation	2012-13	Allowed	5,21,443.40					0.00
21	1004965 THE ENERGY & RESOURC	Bio-Methanation Plant	2013-14	Allowed	1,245.00					0.00
22	1111206 CEECO TECHNOLOGIES PVT LTD (5500012954)	Electrification work -TOWNSHIP AUDITORIUM	2014-15	Allowed	3,71,925.00					0.00
23	1085272 Comfort Systems (5500008638)	Electrification work -TOWNSHIP AUDITORIUM	2014-15	Allowed	17,47,376.38					0.00
24	1047432 ANURAG ENTERPRISES	CIVIL WORKS : SER BUILDING	2014-15	Allowed	1,24,72,626.58			3,10,364.00		3,10,364.00
25	1046309 P R ENTERPRISES	ET HOSTEL STAGE-II		Allowed	24,460.00					0.00
26	1024032 ONKAR PLASTER DECORATION WORKS	ACOUSTIC TREATMENT FOR AUDITORIUM AT NCPS DADRI	2014-15	Allowed	11,03,751.15	1,03,044.00		99,574.00		99,574.00
27	1014322 TECHNOWARE SYSTEMS INDIA (P) L	CCTV camera	2015-16	Allowed	64,000.00			64,000.00		64,000.00
28	1032847 ERA INFRA ENGINEERING LIMITED	AUXILIARY BUILDING(FIRE STATION BUILDING)		Allowed	66,567.60					0.00
29	EPP COMPOSITES PVT LTD	M1050940043_STORAGE TANK:HYDROCHLORIC ACID:FRP-300	2017-18	Allowed	6,53,181.00			5,84,135.00		5,84,135.00
30	TOSHI AUTOMATIC SYSTEMS PVT LTD	Supply & installation boom barrier Township Gate	2017-18	Allowed	0.00					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2020**	**liability in additional capitalisation for 2020-21 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2020-21**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
31	1128778_LOGICLADDER TECHNOLOGIES PVT L	Supply RealTimeDataTransmission Hardware	2016-17	Allowed	0.00					0.00
32	1003114 KUMAR CONSTRUCTION CO & 1000441 GE T&D INDIA LTD	400 KV Class Bus Sectionaliser	2019-20	Claimed	19,97,600.00	68,31,680.17		14,72,972.00		14,72,972.00
33	1026617 ELECON ENGINEERING CO LTD	CHP TURNKEY	2019-20	Claimed	15,89,029.28					0.00
34	Multiple Parties	Zero Discharge System	2019-20	Claimed	15,48,043.00			9,28,043.00		9,28,043.00
35	1045279 CRANEX LTD	Erect &Comm of 30/5 MT Crane &3 MT Elect	2019-20	Claimed	9,15,893.00			6,74,735.00		6,74,735.00
36	VIDEO MANAGEMENT SOFTWARE FOR CCTV	GUNANK TECHNOLOGIES PVT LTD	2020-21	Claimed	0.00	1,12,357.00				0.00
37	D Type Qtrs	ANURAG ENTERPRISES	2020-21	Claimed	0.00	60,78,108.84				0.00
38	D Type Qtrs	ANURAG ENTERPRISES	2020-21	Claimed	0.00	5,90,622.73				0.00
39	TRILOK SINGH CONSTRUCTION CO	Construction of shed :storage area of gl	2021-22	Claimed						
40	SUMMITS HYGRONICS (P) LTD	Circuit Breaker SF6 400KV 3150A	2021-22	Claimed						
41	ROYAL CONSTRUCTION CO.	RESERVOIR	2022-23	Claimed	0.00					0.00
42	1005911 SIEMENS LTD	Additional Signals Configuration in AGC project of Stage-2 NTPC Dadri Located at NCPS Dadri Distt Gautam Budh Nagar Uttar Pradesh.	2022-23	Claimed	0.00					0.00
43	1072329_R K Engineering Corporation	Supply installation testing and commissioning of real time water measurement equipment	2022-23	Claimed	0.00					0.00
44	1110565 - YANTRA HARVEST ENERGY PVT LTD	VFD for CEP in stage#2 U#5	2023-24	Claimed	0.00					0.00
45	1135005 - HIGHGROUND ENERGY PVT LTD	Solar Panel installed on CW Channel	2023-24	Claimed	0.00					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2020**	**liability in additional capitalisation for 2020-21 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2020-21**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
46	1182518 - YAHA WATER SYSTEMS	MLD Activated Filter Tertiary Treatment plant	2023-24	Not Claimed	0.00					0.00
47	BHARAT HEAVY ELECTRICALS LIMITED	HMI of M/s BHEL with Cyber Security Features U#5	2023-24	Claimed	0.00					0.00
48	Siemens Ltd	Flexible Control Measures & Impact Assessment Tool	2023-24	Claimed	0.00					0.00
49	1080161 - SRD Construction Co.	CW & MAKE-UP WATER SYSTEM (Stage II)	2023-24	Not Claimed	0.00					0.00
50	1009520 INTERNAL ELECTRONICS	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM for O&M	2015-16	Not Claimed	0.00					0.00
51	1134879 SHIFALI BUSINESS	DIGITAL DUPLICATOR:90-129 PPM	2015-16	Not Claimed	13,000.00			13,000.00		13,000.00
52	1064216 RICOH INDIA LTD	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM	2015-16	Not Claimed	1,70,000.00			1,70,000.00		1,70,000.00
53	1035962 FORTUNA IMPEX PTE.LT	Biometric Time Attendance System	2016-17	Not Claimed	0.00					0.00
54	1052492 GANGOTRI ENTERPRISES LTD	RESERVOIR	2016-17	Not Claimed	1,79,47,721.37					0.00
55	1107398_SVS TECHNOLOGY SERVICES PVT LT	NAS BASED STORAGE - SAS, 10TB	2016-17	Not Claimed	67,500.00					0.00
56	1134879_SHEFALI BUSINESS SYSTEM	N/W LASERJET: A3, COLOR, PRINT,COPY&SCAN	2016-17	Not Claimed	28,300.00					0.00
57	1041746_BEML LIMITED	WHEEL LOADER FITTED WITH TORQUE CONVERTR	2016-17	Not Claimed	11,174.00			11,174.00		11,174.00
58	1047402_AMPEE TRADING CO	M3247576036_KIRLOSKAR PUMP ASSY MODEL DSM 125/40	2016-17	Not Claimed	49,000.00			49,000.00		49,000.00
59	1000319_AMCO INDUSTRIES	M51019060099N_SEALING RING (IN 8 PARTS) 01050509000	2017-18	Not Claimed	2,55,200.00			2,55,200.00		2,55,200.00
60	1000560_ASTECH MARKETING PVT LTD	M9481056076_ACTUATOR COMPLETE,AUMA SA10.1,STG DRAI	2017-18	Not Claimed	6,136.00					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2020**	**liability in additional capitalisation for 2020-21 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2020-21**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
61	1001992_GEECO ENERCON PVT LTD	M4750016758_PAPH ASSY:27.5 VIM:(CW+CCW)FLEXI RAD(H	2017-18	Not Claimed	75,069.00			75,069.00		75,069.00
62	1006827_LARSEN & TOUBRO LTD	M8564265080_AIR CIRCUIT BREAKER RS IS:10027800 A	2017-18	Not Claimed	11,79,700.00			11,79,700.00		11,79,700.00
63	1020285_ACME OFFICE SOLUTIONS PVT LIMITED	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM	2017-18	Not Claimed	41,000.00			41,000.00		41,000.00
64	1146694_ARORA TRADING COMPANY	TOWER TYPE 4TON AIRCONDITIONER	2017-18	Not Claimed	3,200.00					0.00
65	1146694_ARORA TRADING COMPANY	WINDOW AIR CONDITIONER 1.5 TON	2017-18	Not Claimed	9,200.00					0.00
66	1010543_AGMATEL INDIA PVT.LTD	DESKTOP PC: CORE-I5, ALL IN ONE,8GB M9713020084	2018-19	Not Claimed	6,41,915.00			3,34,331.50		3,34,331.50
67	1126452_ANB COMPUTER SOLUTIONS PVT LTD	SCANNER A4 SIZE 1200 DPI	2018-19	Not Claimed	31,500.00					0.00
68	1126452_ANB COMPUTER SOLUTIONS PVT LTD	SERVER - INTEL XEON,DUAL CPU,WITH OS	2018-19	Not Claimed	0.00					0.00
69	1042318_NAT STEEL EQUIPMENT PVT LTD	AUTOCLAVE: HORIZONTAL	2018-19	Not Claimed	43,000.00			43,000.00		43,000.00
70	1098433_BLUEFIC INDUSTRIAL AND SCIENTIFIC	MORTUARY CHAMBER (TWO BODIES)	2018-19	Not Claimed	0.00					0.00
71	1050575_ROYAL TRADELINKS PVT LTD	FOGGING M/C:SMALL	2018-19	Not Claimed	0.00					0.00
72	1004006_NUTECH JETTING EQUIPMENTS INDIA	M3100500099_PUMP:HEAD(10000-12000M);FLOW(	2018-19	Not Claimed	2,19,000.00			2,19,000.00		2,19,000.00
73	1080251_Clyde Pumps India Pvt Ltd	M3136806131_IMPELLER 1ST STAGE#44-WEIR BFP-PR:FK4E	2018-19	Not Claimed	1,27,000.00			1,27,000.00		1,27,000.00
74	1037002_SCHRADER DUNCAN LTD.	M5656046006N_900X900:STROKE CYL ASSY	2018-19	Not Claimed	56,000.00			56,000.00		56,000.00
75	1119225_BERCO UNDERCARRIAGES(INDIA) PVT LTD	M5530026012_AF/93:COMP CHAIN ASSEMBLY	2018-19	Not Claimed	33,456.00					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2020**	**liability in additional capitalisation for 2020-21 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2020-21**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
76	1006713_CG POWER AND INDUSTRIAL SOLUTIONS	M8752219501_HV BSNG+M PRT&GSKT:125MVAR 400KV SH RC	2018-19	Not Claimed	0.00					0.00
77	1000560_ASTECH MARKETING PVT LTD	M9481406003_AUMA(G) SA10.1-F10-B1-8 - 705130	2018-19	Not Claimed	0.00					0.00
78	ECS Systems	BHARAT HEAVY ELECTRICALS LIMITED	2022-23	Not Claimed	0.00					0.00
79	1004340 POWER GRID CORPORATION OF INDIA LTD	400KV D/C TRANSMISSION LINE-1	2014-15	Not Claimed	80,65,446.50	**0.00**	**0.00**	**0.00**	**0.00**	0.00
80	Various Parties	MBOAs	2019-20	Claimed	10,18,021.00	0.00	0.00	5,41,621.00	0.00	5,41,621.00
81	Various Parties	MBOAs	2020-21	Claimed	0.00	1,35,062.62	0.00	0.00	0.00	0.00
82	Various Parties	MBOAs	2021-22	Claimed	0.00	0.00	0.00	0.00	0.00	0.00
83	Various Parties	MBOAs	2022-23	Claimed	0.00	0.00	0.00	0.00	0.00	0.00
84	Various Parties	MBOAs	2023-24	Claimed	0.00	0.00	0.00	0.00	0.00	0.00
85	Various Parties	Spares	2019-20	Not Claimed	8,29,770.00	0.00	0.00	5,04,378.00	0.00	5,04,378.00
86	Various Parties	Spares	2020-21	Not Claimed	0.00	36,05,853.34	0.00	0.00	0.00	0.00
87	Various Parties	Spares	2021-22	Not Claimed	0.00	0.00	0.00	0.00	0.00	0.00
88	Various Parties	Spares	2022-23	Not Claimed	0.00	0.00	0.00	0.00	0.00	0.00
88	Various Parties	Spares	2023-24	Not Claimed	0.00	0.00	0.00	0.00	0.00	0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2020**	**liability in additional capitalisation for 2020-21 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2020-21**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
b) For assets eligible for RoE at weightage average rate of interest on loan				**b) For assets**						
41	1178927_TATA ADVANCED SYSTEMS LIMITED	INTEGRATED SECURITY SYSTEM Package	2022-23	Claimed	0.00					0.00
Allowed					616367646.5	910974	0	13354227.93	0	13354227.93
Claimed					7068586.28	13747831.36	0	3617371	0	3617371
Not Claimed					29903287.87	3605853.34	0	3077852.5	0	3077852.5
Allowed+Claimed @ Normal ROE					623436232.8	14658805.36	0	16971598.93	0	16971598.93
Allowed+Claimed @ WAROI					0.00	0.00	0.00	0.00	0.00	0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2021**	**liability in additional capitalisation for 2021-22 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2021-22**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
a)For assets eligible for normal RoE										
1	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 5	2009-10	Allowed	**1,39,30,823.65**					0.00
2	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 5	2013-14	Allowed	**2,95,943.36**					0.00
3	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 6	2010-11	Allowed	**43,95,37,992.56**					0.00
4	1035771 BHEL NEW DELHI	TURBINE GENERATOR : UNIT # 6		Allowed	**20,11,194.73**					0.00
5	1026617 ELECON ENGINEERING CO LTD	CHP-TURNKEY (Stage II)	2009-10	Allowed	**0.00**					0.00
6	1006889 PAHARPUR COOLING TOW	COOLING TOWER (Stage II)	2009-10	Allowed	**1,28,15,487.68**					0.00
7	1006663 BHARAT HEAVY ELECTRI	STATION C&I (Stage II)	2010-11	Allowed	**0.00**					0.00
8	1004972 THE INDURE PVT LTD	ASH HANDLING - SUPPL & EREC (Stage II)	2010-11	Allowed	**10,48,90,354.49**			20,36,430.00		20,36,430.00
9	1048629 Mx Systems Internati	FIRE DETECTION & PROTECTION SYSTEM (Stage II)	2009-10	Allowed	**0.00**					0.00
10	1006601 ABB INDIA LTD	HT SWITCHGEARS (11,3.3 KV) (Stage II)	2009-10	Allowed	**2,40,000.00**					0.00
11	1001982 GE INDIA INDUSTRIAL	LT SWITCHGEARS AND LT BUSDUCT (Stage II)	2010-11	Allowed	**4,89,434.00**			4,89,434.00		4,89,434.00
12	1003184 LARSEN & TOUBRO LTD	ELECTRICAL EQUIPMENT SUPPLY & ERECTION (Stage II)	2010-11	Allowed	**26,082.27**			26,082.27		26,082.27
13	1014553 WPIL LTD	CW & MAKE-UP WATER SYSTEM (Stage II)	2010-11	Allowed	**14,50,200.00**					0.00
14	1001499 DRIPLEX WATER ENGINEERING LTD	PRETREATMENT PLANT (Satge II)	2010-11	Allowed	**85,83,462.08**					0.00
15	1001499 DRIPLEX WATER ENGINEERING LTD	DM PLANT (Stage II)	2010-11	Allowed	**23,61,515.13**					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2021**	**liability in additional capitalisation for 2021-22 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2021-22**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
16	1001499 DRIPLEX WATER ENGINEERING LTD	CPU PKG.	2011-12	Allowed	**5,88,347.60**					0.00
17	1003114 KUMAR CONSTRUCTION CO	Ash Brick Plant 55-4479	2011-12	Allowed	**6,02,007.95**					0.00
18	1074259 Aakar Engineers & Contractors	PATROLLING ROAD AT R&D YARD(55-9238	2012-13	Allowed	**30,000.00**					0.00
19	1101572 CST & CO	Bituminous road surfacing and cement concrete road in Plant Premises at NCPS Dadri.55-10800	2012-13	Allowed	**0.00**					0.00
20	1032847 ERA INFRA ENGINEERING LIMITED	Piling foundation	2012-13	Allowed	**5,21,443.40**					0.00
21	1004965 THE ENERGY & RESOURC	Bio-Methanation Plant	2013-14	Allowed	**1,245.00**			1,245.00		1,245.00
22	1111206 CEECO TECHNOLOGIES PVT LTD (5500012954)	Electrification work -TOWNSHIP AUDITORIUM	2014-15	Allowed	**3,71,925.00**					0.00
23	1085272 Comfort Systems (5500008638)	Electrification work -TOWNSHIP AUDITORIUM	2014-15	Allowed	**17,47,376.38**			17,47,376.38		17,47,376.38
24	1047432 ANURAG ENTERPRISES	CIVIL WORKS : SER BUILDING	2014-15	Allowed	**1,21,62,262.58**			44,15,371.43		44,15,371.43
25	1046309 P R ENTERPRISES	ET HOSTEL STAGE-II		Allowed	**24,460.00**					0.00
26	1024032 ONKAR PLASTER DECORATION WORKS	ACOUSTIC TREATMENT FOR AUDITORIUM AT NCPS DADRI	2014-15	Allowed	**11,07,221.15**			5,37,878.00	5,69,343.15	11,07,221.15
27	1014322 TECHNOWARE SYSTEMS INDIA (P) L	CCTV camera	2015-16	Allowed	**0.00**					0.00
28	1032847 ERA INFRA ENGINEERING LIMITED	AUXILIARY BUILDING(FIRE STATION BUILDING)		Allowed	**66,567.60**					0.00
29	EPP COMPOSITES PVT LTD	M1050940043_STORAGE TANK:HYDROCHLORIC ACID:FRP-300	2017-18	Allowed	**69,046.00**					0.00
30	TOSHI AUTOMATIC SYSTEMS PVT LTD	Supply & installation boom barrier Township Gate	2017-18	Allowed	**0.00**					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2021**	**liability in additional capitalisation for 2021-22 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2021-22**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
31	1128778_LOGICLADDER TECHNOLOGIES PVT L	Supply RealTimeDataTransmission Hardware	2016-17	Allowed	**0.00**					0.00
32	1003114 KUMAR CONSTRUCTION CO & 1000441 GE T&D INDIA LTD	400 KV Class Bus Sectionaliser	2019-20	Claimed	**73,56,308.17**			16,35,605.00		16,35,605.00
33	1026617 ELECON ENGINEERING CO LTD	CHP TURNKEY	2019-20	Claimed	**15,89,029.28**					0.00
34	Multiple Parties	Zero Discharge System	2019-20	Claimed	**6,20,000.00**			4,09,890.00		4,09,890.00
35	1045279 CRANEX LTD	Erect &Comm of 30/5 MT Crane &3 MT Elect	2019-20	Claimed	**2,41,158.00**					0.00
36	VIDEO MANAGEMENT SOFTWARE FOR CCTV	GUNANK TECHNOLOGIES PVT LTD	2020-21	Claimed	**1,12,357.00**					0.00
37	D Type Qtrs	ANURAG ENTERPRISES	2020-21	Claimed	**60,78,108.84**					0.00
38	D Type Qtrs	ANURAG ENTERPRISES	2020-21	Claimed	**5,90,622.73**					0.00
39	TRILOK SINGH CONSTRUCTION CO	Construction of shed :storage area of gl	2021-22	Claimed		3,01,127.00				0.00
40	SUMMITS HYGRONICS (P) LTD	Circuit Breaker SF6 400KV 3150A	2021-22	Claimed		3,98,650.00				0.00
41	ROYAL CONSTRUCTION CO.	RESERVOIR	2022-23	Claimed	**0.00**					0.00
42	1005911 SIEMENS LTD	Additional Signals Configuration in AGC project of Stage-2 NTPC Dadri Located at NCPS Dadri Distt Gautam Budh Nagar Uttar Pradesh.	2022-23	Claimed	**0.00**					0.00
43	1072329_R K Engineering Corporation	Supply installation testing and commissioning of real time water measurement equipment	2022-23	Claimed	**0.00**					0.00
44	1110565 - YANTRA HARVEST ENERGY PVT LTD	VFD for CEP in stage#2 U#5	2023-24	Claimed	**0.00**					0.00
45	1135005 - HIGHGROUND ENERGY PVT LTD	Solar Panel installed on CW Channel	2023-24	Claimed	**0.00**					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2021**	**liability in additional capitalisation for 2021-22 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2021-22**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
46	1182518 - YAHA WATER SYSTEMS	MLD Activated Filter Tertiary Treatment plant	2023-24	Not Claimed	**0.00**					0.00
47	BHARAT HEAVY ELECTRICALS LIMITED	HMI of M/s BHEL with Cyber Security Features U#5	2023-24	Claimed	**0.00**					0.00
48	Siemens Ltd	Flexible Control Measures & Impact Assessment Tool	2023-24	Claimed	**0.00**					0.00
49	1080161 - SRD Construction Co.	CW & MAKE-UP WATER SYSTEM (Stage II)	2023-24	Not Claimed	**0.00**					0.00
50	1009520 INTERNAL ELECTRONICS	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM for O&M	2015-16	Not Claimed	**0.00**					0.00
51	1134879 SHIFALI BUSINESS	DIGITAL DUPLICATOR:90-129 PPM	2015-16	Not Claimed	**0.00**					0.00
52	1064216 RICOH INDIA LTD	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM	2015-16	Not Claimed	**0.00**					0.00
53	1035962 FORTUNA IMPEX PTE.LT	Biometric Time Attendance System	2016-17	Not Claimed	**0.00**					0.00
54	1052492 GANGOTRI ENTERPRISES LTD	RESERVOIR	2016-17	Not Claimed	**1,79,47,721.37**					0.00
55	1107398_SVS TECHNOLOGY SERVICES PVT LT	NAS BASED STORAGE - SAS, 10TB	2016-17	Not Claimed	**67,500.00**			67,500.00		67,500.00
56	1134879_SHEFALI BUSINESS SYSTEM	N/W LASERJET: A3, COLOR, PRINT,COPY&SCAN	2016-17	Not Claimed	**28,300.00**			28,300.00		28,300.00
57	1041746_BEML LIMITED	WHEEL LOADER FITTED WITH TORQUE CONVERTR	2016-17	Not Claimed	**0.00**					0.00
58	1047402_AMPEE TRADING CO	M3247576036_KIRLOSKAR PUMP ASSY MODEL DSM 125/40	2016-17	Not Claimed	**0.00**					0.00
59	1000319_AMCO INDUSTRIES	M5101906099N_SEALING RING (IN 8 PARTS) 01050509000	2017-18	Not Claimed	**0.00**					0.00
60	1000560_ASTECH MARKETING PVT LTD	M9481056076_ACTUATOR COMPLETE,AUMA SA10.1,STG DRAI	2017-18	Not Claimed	**6,136.00**					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2021**	**liability in additional capitalisation for 2021-22 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2021-22**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
61	1001992_GEECO ENERCON PVT LTD	M4750016758_PAPH ASSY:27.5 VIM:(CW+CCW)FLEXI RAD(H	2017-18	Not Claimed	**0.00**					0.00
62	1006827_LARSEN & TOUBRO LTD	M8564265080_AIR CIRCUIT BREAKER RS IS:10027800 A	2017-18	Not Claimed	**0.00**					0.00
63	1020285_ACME OFFICE SOLUTIONS PVT LIMITED	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM	2017-18	Not Claimed	**0.00**					0.00
64	1146694_ARORA TRADING COMPANY	TOWER TYPE 4TON AIRCONDITIONER	2017-18	Not Claimed	**3,200.00**			3,200.00		3,200.00
65	1146694_ARORA TRADING COMPANY	WINDOW AIR CONDITIONER 1.5 TON	2017-18	Not Claimed	**9,200.00**			9,200.00		9,200.00
66	1010543_AGMATEL INDIA PVT.LTD	DESKTOP PC: CORE-I5, ALL IN ONE,8GB M9713020084	2018-19	Not Claimed	**3,07,583.50**			2,64,789.00		2,64,789.00
67	1126452_ANB COMPUTER SOLUTIONS PVT LTD	SCANNER A4 SIZE 1200 DPI	2018-19	Not Claimed	**31,500.00**					0.00
68	1126452_ANB COMPUTER SOLUTIONS PVT LTD	SERVER - INTEL XEON,DUAL CPU,WITH OS	2018-19	Not Claimed	**0.00**					0.00
69	1042318_NAT STEEL EQUIPMENT PVT LTD	AUTOCLAVE: HORIZONTAL	2018-19	Not Claimed	**0.00**					0.00
70	1098433_BLUEFIC INDUSTRIAL AND SCIENTIFIC	MORTUARY CHAMBER (TWO BODIES)	2018-19	Not Claimed	**0.00**					0.00
71	1050575_ROYAL TRADELINKS PVT LTD	FOGGING M/C:SMALL	2018-19	Not Claimed	**0.00**					0.00
72	1004006_NUTECH JETTING EQUIPMENTS INDIA	M3100500099_PUMP:HEAD(10000-12000M);FLOW(	2018-19	Not Claimed	**0.00**					0.00
73	1080251_Clyde Pumps India Pvt Ltd	M3136806131_IMPELLER 1ST STAGE#44-WEIR BFP-PR:FK4E	2018-19	Not Claimed	**0.00**					0.00
74	1037002_SCHRADER DUNCAN LTD.	M5656046006N_900X900:STROKE CYL ASSY	2018-19	Not Claimed	**0.00**					0.00
75	1119225_BERCO UNDERCARRIAGES(INDIA) PVT LTD	M5530026012_AF/93:COMP CHAIN ASSEMBLY	2018-19	Not Claimed	**33,456.00**					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2021**	**liability in additional capitalisation for 2021-22 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2021-22**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
76	1006713_CG POWER AND INDUSTRIAL SOLUTIONS	M8752219501_HV BSNG+M PRT&GSKT:125MVAR 400KV SH RC	2018-19	Not Claimed	**0.00**					0.00
77	1000560_ASTECH MARKETING PVT LTD	M9481406003_AUMA(G) SA10.1-F10-B1-8 - 705130	2018-19	Not Claimed	**0.00**					0.00
78	ECS Systems	BHARAT HEAVY ELECTRICALS LIMITED	2022-23	Not Claimed	**0.00**					0.00
79	1004340 POWER GRID CORPORATION OF INDIA LTD	400KV D/C TRANSMISSION LINE-1	2014-15	Not Claimed	**80,65,446.50**	**0.00**	**0.00**	**0.00**	**0.00**	0.00
80	Various Parties	MBOAs	2019-20	Claimed	**4,76,400.00**	0.00	0.00	1,85,561.00	0.00	1,85,561.00
81	Various Parties	MBOAs	2020-21	Claimed	**1,35,062.62**	0.00	0.00	1,35,062.62	0.00	1,35,062.62
82	Various Parties	MBOAs	2021-22	Claimed	**0.00**	4,84,296.00	0.00	0.00	0.00	0.00
83	Various Parties	MBOAs	2022-23	Claimed	**0.00**	0.00	0.00	0.00	0.00	0.00
84	Various Parties	MBOAs	2023-24	Claimed	**0.00**	0.00	0.00	0.00	0.00	0.00
85	Various Parties	Spares	2019-20	Not Claimed	**3,25,392.00**	0.00	0.00	2,70,417.00	0.00	2,70,417.00
86	Various Parties	Spares	2020-21	Not Claimed	**36,05,853.34**	0.00	0.00	30,33,583.34	0.00	30,33,583.34
87	Various Parties	Spares	2021-22	Not Claimed	**0.00**	93,72,595.68	0.00	0.00	0.00	0.00
88	Various Parties	Spares	2022-23	Not Claimed	**0.00**	0.00	0.00	0.00	0.00	0.00
88	Various Parties	Spares	2023-24	Not Claimed	**0.00**	0.00	0.00	0.00	0.00	0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2021**	**liability in additional capitalisation for 2021-22 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2021-22**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
b) For assets eligible for RoE at weightage average rate of interest on loan				**b) For assets**						
41	1178927_TATA ADVANCED SYSTEMS LIMITED	INTEGRATED SECURITY SYSTEM Package	2022-23	Claimed	**0.00**					0.00
Allowed					603924392.6	0	0	9253817.08	569343.15	9823160.23
Claimed					17199046.64	1184073	0	2366118.62	0	2366118.62
Not Claimed					30431288.71	9372595.68	0	3676989.34	0	3676989.34
					651554728	10556668.68	0	15296925.04	569343.15	15866268.19
Allowed+Claimed @ Normal ROE					621123439.2	1184073	0	11619935.7	569343.15	12189278.85
Allowed+Claimed @ WAROI					0.00	0.00	0.00	0.00	0.00	0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2022**	**liability in additional capitalisation for 2022-23 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2022-23**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
a)For assets eligible for normal RoE										
1	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 5	2009-10	Allowed	1,39,30,823.65					0.00
2	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 5	2013-14	Allowed	2,95,943.36					0.00
3	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 6	2010-11	Allowed	43,95,37,992.56					0.00
4	1035771 BHEL NEW DELHI	TURBINE GENERATOR : UNIT # 6		Allowed	20,11,194.73					0.00
5	1026617 ELECON ENGINEERING CO LTD	CHP-TURNKEY (Stage II)	2009-10	Allowed	0.00					0.00
6	1006889 PAHARPUR COOLING TOW	COOLING TOWER (Stage II)	2009-10	Allowed	1,28,15,487.68					0.00
7	1006663 BHARAT HEAVY ELECTRI	STATION C&I (Stage II)	2010-11	Allowed	0.00					0.00
8	1004972 THE INDURE PVT LTD	ASH HANDLING - SUPPL & EREC (Stage II)	2010-11	Allowed	10,28,53,924.49			4,85,50,284.99	5,43,03,639.50	10,28,53,924.49
9	1048629 Mx Systems Internati	FIRE DETECTION & PROTECTION SYSTEM (Stage II)	2009-10	Allowed	0.00				0.00	0.00
10	1006601 ABB INDIA LTD	HT SWITCHGEARS (11,3.3 KV) (Stage II)	2009-10	Allowed	2,40,000.00					0.00
11	1001982 GE INDIA INDUSTRIAL	LT SWITCHGEARS AND LT BUSDUCT (Stage II)	2010-11	Allowed	0.00					0.00
12	1003184 LARSEN & TOUBRO LTD	ELECTRICAL EQUIPMENT SUPPLY & ERECTION (Stage II)	2010-11	Allowed	0.00					0.00
13	1014553 WPIL LTD	CW & MAKE-UP WATER SYSTEM (Stage II)	2010-11	Allowed	14,50,200.00					0.00
14	1001499 DRIPLEX WATER ENGINEERING LTD	PRETREATMENT PLANT (Satge II)	2010-11	Allowed	85,83,462.08					0.00
15	1001499 DRIPLEX WATER ENGINEERING LTD	DM PLANT (Stage II)	2010-11	Allowed	23,61,515.13					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2022**	**liability in additional capitalisation for 2022-23 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2022-23**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
16	1001499 DRIPLEX WATER ENGINEERING LTD	CPU PKG.	2011-12	Allowed	5,88,347.60					0.00
17	1003114 KUMAR CONSTRUCTION CO	Ash Brick Plant 55-4479	2011-12	Allowed	6,02,007.95					0.00
18	1074259 Aakar Engineers & Contractors	PATROLLING ROAD AT R&D YARD(55-9238	2012-13	Allowed	30,000.00			30,000.00		30,000.00
19	1101572 CST & CO	Bituminous road surfacing and cement concrete road in Plant Premises at NCPS Dadri.55-10800	2012-13	Allowed	0.00					0.00
20	1032847 ERA INFRA ENGINEERING LIMITED	Piling foundation	2012-13	Allowed	5,21,443.40					0.00
21	1004965 THE ENERGY & RESOURC	Bio-Methanation Plant	2013-14	Allowed	0.00					0.00
22	1111206 CEECO TECHNOLOGIES PVT LTD (5500012954)	Electrifcation work -TOWNSHIP AUDITORIUM	2014-15	Allowed	3,71,925.00					0.00
23	1085272 Comfort Systems (5500008638)	Electrifcation work -TOWNSHIP AUDITORIUM	2014-15	Allowed	0.00					0.00
24	1047432 ANURAG ENTERPRISES	CIVIL WORKS : SER BUILDING	2014-15	Allowed	77,46,891.15					0.00
25	1046309 P R ENTERPRISES	ET HOSTEL STAGE-II		Allowed	24,460.00					0.00
26	1024032 ONKAR PLASTER DECORATION WORKS	ACOUSTIC TREATMENT FOR AUDITORIUM AT NCPS DADRI	2014-15	Allowed	0.00					0.00
27	1014322 TECHNOWARE SYSTEMS INDIA (P) L	CCTV camera	2015-16	Allowed	0.00					0.00
28	1032847 ERA INFRA ENGINEERING LIMITED	AUXILIARY BUILDING(FIRE STATION BUILDING)		Allowed	66,567.60					0.00
29	EPP COMPOSITES PVT LTD	M1050940043_STORAGE TANK:HYDROCHLORIC ACID:FRP-300	2017-18	Allowed	69,046.00					0.00
30	TOSHI AUTOMATIC SYSTEMS PVT LTD	Supply & installation boom barrier Township Gate	2017-18	Allowed	0.00					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2022**	**liability in additional capitalisation for 2022-23 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2022-23**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
31	1128778_LOGICLADDER TECHNOLOGIES PVT L	Supply RealTimeDataTransmission Hardware	2016-17	Allowed	0.00					0.00
32	1003114 KUMAR CONSTRUCTION CO & 1000441 GE T&D INDIA LTD	400 KV Class Bus Sectionaliser	2019-20	Claimed	57,20,703.17			12,23,251.17		12,23,251.17
33	1026617 ELECON ENGINEERING CO LTD	CHP TURNKEY	2019-20	Claimed	15,89,029.28					0.00
34	Multiple Parties	Zero Discharge System	2019-20	Claimed	2,10,110.00					0.00
35	1045279 CRANEX LTD	Erect &Comm of 30/5 MT Crane &3 MT Elect	2019-20	Claimed	2,41,158.00					0.00
36	VIDEO MANAGEMENT SOFTWARE FOR CCTV	GUNANK TECHNOLOGIES PVT LTD	2020-21	Claimed	1,12,357.00					0.00
37	D Type Qtrs	ANURAG ENTERPRISES	2020-21	Claimed	60,78,108.84					0.00
38	D Type Qtrs	ANURAG ENTERPRISES	2020-21	Claimed	5,90,622.73					0.00
39	TRILOK SINGH CONSTRUCTION CO	Construction of shed :storage area of gl	2021-22	Claimed	3,01,127.00			3,01,127.00		3,01,127.00
40	SUMMITS HYGRONICS (P) LTD	Circuit Breaker SF6 400KV 3150A	2021-22	Claimed	3,98,650.00					0.00
41	ROYAL CONSTRUCTION CO.	RESERVOIR	2022-23	Claimed	0.00	18,75,115.00				0.00
42	1005911 SIEMENS LTD	Additional Signals Configuration in AGC project of Stage-2 NTPC Dadri Located at NCPS Dadri Distt Gautam Budh Nagar Uttar Pradesh.	2022-23	Claimed	0.00	28,500.00				0.00
43	1072329_R K Engineering Corporation	Supply installation testing and commissioning of real time water measurement equipment	2022-23	Claimed	0.00	1,03,968.00				0.00
44	1110565 - YANTRA HARVEST ENERGY PVT LTD	VFD for CEP in stage#2 U#5	2023-24	Claimed	0.00					0.00
45	1135005 - HIGHGROUND ENERGY PVT LTD	Solar Panel installed on CW Channel	2023-24	Claimed	0.00					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2022**	**liability in additional capitalisation for 2022-23 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2022-23**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
46	1182518 - YAHA WATER SYSTEMS	MLD Activated Filter Tertiary Treatment plant	2023-24	Not Claimed	0.00					0.00
47	BHARAT HEAVY ELECTRICALS LIMITED	HMI of M/s BHEL with Cyber Security Features U#5	2023-24	Claimed	0.00					0.00
48	Siemens Ltd	Flexible Control Measures & Impact Assessment Tool	2023-24	Claimed	0.00					0.00
49	1080161 - SRD Construction Co.	CW & MAKE-UP WATER SYSTEM (Stage II)	2023-24	Not Claimed	0.00					0.00
50	1009520 INTERNAL ELECTRONICS	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM for O&M	2015-16	Not Claimed	0.00					0.00
51	1134879 SHIFALI BUSINESS	DIGITAL DUPLICATOR:90-129 PPM	2015-16	Not Claimed	0.00					0.00
52	1064216 RICOH INDIA LTD	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM	2015-16	Not Claimed	0.00					0.00
53	1035962 FORTUNA IMPEX PTE.LT	Biometric Time Attendance System	2016-17	Not Claimed	0.00					0.00
54	1052492 GANGOTRI ENTERPRISES LTD	RESERVOIR	2016-17	Not Claimed	1,79,47,721.37					0.00
55	1107398_SVS TECHNOLOGY SERVICES PVT LT	NAS BASED STORAGE - SAS, 10TB	2016-17	Not Claimed	0.00					0.00
56	1134879_SHEFALI BUSINESS SYSTEM	N/W LASERJET: A3, COLOR, PRINT,COPY&SCAN	2016-17	Not Claimed	0.00					0.00
57	1041746_BEML LIMITED	WHEEL LOADER FITTED WITH TORQUE CONVERTR	2016-17	Not Claimed	0.00					0.00
58	1047402_AMPEE TRADING CO	M3247576036_KIRLOSKAR PUMP ASSY MODEL DSM 125/40	2016-17	Not Claimed	0.00					0.00
59	1000319_AMCO INDUSTRIES	M5101906099N_SEALING RING (IN 8 PARTS) 01050509000	2017-18	Not Claimed	0.00					0.00
60	1000560_ASTECH MARKETING PVT LTD	M9481056076_ACTUATOR COMPLETE,AUMA SA10.1,STG DRAI	2017-18	Not Claimed	6,136.00					0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2022**	**liability in additional capitalisation for 2022-23 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2022-23**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
61	1001992_GEECO ENERCON PVT LTD	M4750016758_PAPH ASSY:27.5 VIM:(CW+CCW)FLEXI RAD(H	2017-18	Not Claimed	0.00					0.00
62	1006827_LARSEN & TOUBRO LTD	M8564265080_AIR CIRCUIT BREAKER RS IS:10027800 A	2017-18	Not Claimed	0.00					0.00
63	1020285_ACME OFFICE SOLUTIONS PVT LIMITED	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM	2017-18	Not Claimed	0.00					0.00
64	1146694_ARORA TRADING COMPANY	TOWER TYPE 4TON AIRCONDITIONER	2017-18	Not Claimed	0.00					0.00
65	1146694_ARORA TRADING COMPANY	WINDOW AIR CONDITIONER 1.5 TON	2017-18	Not Claimed	0.00					0.00
66	1010543_AGMATEL INDIA PVT.LTD	DESKTOP PC: CORE-I5, ALL IN ONE,8GB M9713020084	2018-19	Not Claimed	42,794.50					0.00
67	1126452_ANB COMPUTER SOLUTIONS PVT LTD	SCANNER A4 SIZE 1200 DPI	2018-19	Not Claimed	31,500.00			31,500.00		31,500.00
68	1126452_ANB COMPUTER SOLUTIONS PVT LTD	SERVER - INTEL XEON,DUAL CPU,WITH OS	2018-19	Not Claimed	0.00					0.00
69	1042318_NAT STEEL EQUIPMENT PVT LTD	AUTOCLAVE: HORIZONTAL	2018-19	Not Claimed	0.00					0.00
70	1098433_BLUEFIC INDUSTRIAL AND SCIENTIFIC	MORTUARY CHAMBER (TWO BODIES)	2018-19	Not Claimed	0.00					0.00
71	1050575_ROYAL TRADELINKS PVT LTD	FOGGING M/C:SMALL	2018-19	Not Claimed	0.00					0.00
72	1004006_NUTECH JETTING EQUIPMENTS INDIA	M3100500099_PUMP:HEAD(10000-12000M);FLOW(	2018-19	Not Claimed	0.00					0.00
73	1080251_Clyde Pumps India Pvt Ltd	M3136806131_IMPELLER 1ST STAGE#44-WEIR BFP-PR:FK4E	2018-19	Not Claimed	0.00					0.00
74	1037002_SCHRADER DUNCAN LTD.	M5656046006N_900X900:STROKE CYL ASSY	2018-19	Not Claimed	0.00					0.00
75	1119225_BERCO UNDERCARRIAGES(INDIA) PVT LTD	M5530026012_AF/93:COMP CHAIN ASSEMBLY	2018-19	Not Claimed	33,456.00			33,456.00		33,456.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2022**	**liability in additional capitalisation for 2022-23 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2022-23**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
76	1006713_CG POWER AND INDUSTRIAL SOLUTIONS	M8752219501_HV BSNG+M PRT&GSKT:125MVAR 400KV SH RC	2018-19	Not Claimed	0.00					0.00
77	1000560_ASTECH MARKETING PVT LTD	M9481406003_AUMA(G) SA10.1-F10-B1-8 - 705130	2018-19	Not Claimed	0.00					0.00
78	ECS Systems	BHARAT HEAVY ELECTRICALS LIMITED	2022-23	Not Claimed	0.00	84,16,47,870.28				0.00
79	1004340 POWER GRID CORPORATION OF INDIA LTD	400KV D/C TRANSMISSION LINE-1	2014-15	Not Claimed	80,65,446.50		**0.00**	**0.00**		0.00
80	Various Parties	MBOAs	2019-20	Claimed	2,90,839.00	0.00	0.00	1,35,659.00	0.00	1,35,659.00
81	Various Parties	MBOAs	2020-21	Claimed	0.00	0.00	0.00	0.00	0.00	0.00
82	Various Parties	MBOAs	2021-22	Claimed	4,84,296.00	0.00	0.00	1,05,303.00	0.00	1,05,303.00
83	Various Parties	MBOAs	2022-23	Claimed	0.00	4,23,980.00	0.00	0.00	0.00	0.00
84	Various Parties	MBOAs	2023-24	Claimed	0.00	0.00	0.00	0.00	0.00	0.00
85	Various Parties	Spares	2019-20	Not Claimed	54,975.00	0.00	0.00	0.00	0.00	0.00
86	Various Parties	Spares	2020-21	Not Claimed	5,72,270.00	0.00	0.00	1,05,000.00	0.00	1,05,000.00
87	Various Parties	Spares	2021-22	Not Claimed	93,72,595.68	0.00	0.00	92,52,958.68	0.00	92,52,958.68
88	Various Parties	Spares	2022-23	Not Claimed	0.00	1,88,66,323.68	0.00	0.00	0.00	0.00
88	Various Parties	Spares	2023-24	Not Claimed	0.00	0.00	0.00	0.00	0.00	0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**					
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**					
	COD	**31-07-2010**								
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2022**	**liability in additional capitalisation for 2022-23 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2022-23**		**Total discharge**
								-by payment	**-by reversal**	
(1)	(2)	(3)	(4)							
b) For assets eligible for RoE at weightage average rate of interest on loan				**b) For assets**						
41	1178927_TATA ADVANCED SYSTEMS LIMITED	INTEGRATED SECURITY SYSTEM Package	2022-23	Claimed	0.00	2,02,25,803.37				0.00
Allowed					594101232.4	0	0	48580284.99	54303639.5	102883924.5
Claimed					16017001.02	2431563	0	1765340.17	0	1765340.17
Not Claimed					36126895.05	860514194	0	9422914.68	0	9422914.68
										114072179.3
					646245128.4	862945757	0	59768539.84	54303639.5	11,40,72,179.34
Allowed+Claimed @ Normal ROE					610118233.4	2431563	0	50345625.16	54303639.5	104649264.7
Allowed+Claimed @ WAROI					0.00	2,02,25,803.37	0.00	0.00	0.00	0.00

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**						**Form-S**			
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**						**Amount in Rs.**			
	COD	**31-07-2010**												
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2023**	**liability in additional capitalisation for 2023-24 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2023-24**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2024**			
								-by payment	**-by reversal**					
(1)	(2)	(3)	(4)											
a)For assets eligible for normal RoE														
1	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 5	2009-10	Allowed	1,39,30,823.65			1,39,30,823.65		1,39,30,823.65	0.00			
2	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 5	2013-14	Allowed	2,95,943.36			2,95,943.36		2,95,943.36	0.00			
3	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 6	2010-11	Allowed	43,95,37,992.56			31,98,18,005.26		31,98,18,005.26	11,97,19,987.30			
4	1035771 BHEL NEW DELHI	TURBINE GENERATOR : UNIT # 6		Allowed	20,11,194.73			20,11,194.73		20,11,194.73	0.00			
5	1026617 ELECON ENGINEERING CO LTD	CHP-TURNKEY (Stage II)	2009-10	Allowed	0.00					0.00	0.00			
6	1006889 PAHARPUR COOLING TOW	COOLING TOWER (Stage II)	2009-10	Allowed	1,28,15,487.68					0.00	1,28,15,487.68			
7	1006663 BHARAT HEAVY ELECTRI	STATION C&I (Stage II)	2010-11	Allowed	0.00					0.00	0.00			
8	1004972 THE INDURE PVT LTD	ASH HANDLING - SUPPL & EREC (Stage II)	2010-11	Allowed	0.00					0.00	0.00			
9	1048629 Mx Systems Internati	FIRE DETECTION & PROTECTION SYSTEM (Stage II)	2009-10	Allowed	0.00					0.00	0.00			
10	1006601 ABB INDIA LTD	HT SWITCHGEARS (11,3.3 KV) (Stage II)	2009-10	Allowed	2,40,000.00					0.00	2,40,000.00			
11	1001982 GE INDIA INDUSTRIAL	LT SWITCHGEARS AND LT BUSDUCT (Stage II)	2010-11	Allowed	0.00					0.00	0.00			
12	1003184 LARSEN & TOUBRO LTD	ELECTRICAL EQUIPMENT SUPPLY & ERECTION (Stage II)	2010-11	Allowed	0.00					0.00	0.00			
13	1014553 WPIL LTD	CW & MAKE-UP WATER SYSTEM (Stage II)	2010-11	Allowed	14,50,200.00					0.00	14,50,200.00			
14	1001499 DRIPLEX WATER ENGINEERING LTD	PRETREATMENT PLANT (Satge II)	2010-11	Allowed	85,83,462.08					0.00	85,83,462.08			
15	1001499 DRIPLEX WATER ENGINEERING LTD	DM PLANT (Stage II)	2010-11	Allowed	23,61,515.13					0.00	23,61,515.13			

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**						**Form-S**			
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**						**Amount in Rs.**			
	COD	**31-07-2010**												
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2023**	**liability in additional capitalisation for 2023-24 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2023-24**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2024**			
								-by payment	**-by reversal**					
(1)	(2)	(3)	(4)											
16	1001499 DRIPLEX WATER ENGINEERING LTD	CPU PKG.	2011-12	Allowed	5,88,347.60					0.00	5,88,347.60			
17	1003114 KUMAR CONSTRUCTION CO	Ash Brick Plant 55-4479	2011-12	Allowed	6,02,007.95					0.00	6,02,007.95			
18	1074259 Aakar Engineers & Contractors	PATROLLING ROAD AT R&D YARD(55-9238	2012-13	Allowed	0.00					0.00	0.00			
19	1101572 CST & CO	Bituminous road surfacing and cement concrete road in Plant Premises at NCPS Dadri.55-10800	2012-13	Allowed	0.00					0.00	0.00			
20	1032847 ERA INFRA ENGINEERING LIMITED	Piling foundation	2012-13	Allowed	5,21,443.40					0.00	5,21,443.40			
21	1004965 THE ENERGY & RESOURC	Bio-Methanation Plant	2013-14	Allowed	0.00					0.00	0.00			
22	1111206 CEECO TECHNOLOGIES PVT LTD (5500012954)	Electrification work -TOWNSHIP AUDITORIUM	2014-15	Allowed	3,71,925.00					0.00	3,71,925.00			
23	1085272 Comfort Systems (5500008638)	Electrification work -TOWNSHIP AUDITORIUM	2014-15	Allowed	0.00					0.00	0.00			
24	1047432 ANURAG ENTERPRISES	CIVIL WORKS : SER BUILDING	2014-15	Allowed	77,46,891.15			14,67,761.31	36,20,170.44	50,87,931.75	26,58,959.40			
25	1046309 P R ENTERPRISES	ET HOSTEL STAGE-II		Allowed	24,460.00					0.00	24,460.00			
26	1024032 ONKAR PLASTER DECORATION WORKS	ACOUSTIC TREATMENT FOR AUDITORIUM AT NCPS DADRI	2014-15	Allowed	0.00					0.00	0.00			
27	1014322 TECHNOWARE SYSTEMS INDIA (P) L	CCTV camera	2015-16	Allowed	0.00					0.00	0.00			
28	1032847 ERA INFRA ENGINEERING LIMITED	AUXILIARY BUILDING(FIRE STATION BUILDING)		Allowed	66,567.60					0.00	66,567.60			
29	EPP COMPOSITES PVT LTD	M1050940043_STORAGE TANK:HYDROCHLORIC ACID:FRP-300	2017-18	Allowed	69,046.00					0.00	69,046.00			
30	TOSHI AUTOMATIC SYSTEMS PVT LTD	Supply & installation boom barrier Township Gate	2017-18	Allowed	0.00					0.00	0.00			

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**						**Form-S**			
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**						**Amount in Rs.**			
	COD	**31-07-2010**												
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2023**	**liability in additional capitalisation for 2023-24 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2023-24**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2024**			
								-by payment	**-by reversal**					
(1)	(2)	(3)	(4)											
31	1128778_LOGICLADDER TECHNOLOGIES PVT L	Supply RealTimeDataTransmission Hardware	2016-17	Allowed	0.00					0.00	0.00			
32	1003114 KUMAR CONSTRUCTION CO & 1000441 GE T&D INDIA LTD	400 KV Class Bus Sectionaliser	2019-20	Claimed	44,97,452.00			8,90,140.73	36,07,311.27	44,97,452.00	0.00			
33	1026617 ELECON ENGINEERING CO LTD	CHP TURNKEY	2019-20	Claimed	15,89,029.28					0.00	15,89,029.28			
34	Multiple Parties	Zero Discharge System	2019-20	Claimed	2,10,110.00					0.00	2,10,110.00			
35	1045279 CRANEX LTD	Erect &Comm of 30/5 MT Crane &3 MT Elect	2019-20	Claimed	2,41,158.00					0.00	2,41,158.00			
36	VIDEO MANAGEMENT SOFTWARE FOR CCTV	GUNANK TECHNOLOGIES PVT LTD	2020-21	Claimed	1,12,357.00					0.00	1,12,357.00			
37	D Type Qtrs	ANURAG ENTERPRISES	2020-21	Claimed	60,78,108.84				60,78,108.84	60,78,108.84	0.00			
38	D Type Qtrs	ANURAG ENTERPRISES	2020-21	Claimed	5,90,622.73				5,90,622.73	5,90,622.73	0.00			
39	TRILOK SINGH CONSTRUCTION CO	Construction of shed :storage area of gl	2021-22	Claimed	0.00					0.00	0.00			
40	SUMMITS HYGRONICS (P) LTD	Circuit Breaker SF6 400KV 3150A	2021-22	Claimed	3,98,650.00			3,98,650.00		3,98,650.00	0.00			
41	ROYAL CONSTRUCTION CO.	RESERVOIR	2022-23	Claimed	18,75,115.00			18,75,115.00		18,75,115.00	0.00			
42	1005911 SIEMENS LTD	Additional Signals Configuration in AGC project of Stage-2 NTPC Dadri Located at NCPS Dadri Distt Gautam Budh Nagar Uttar Pradesh.	2022-23	Claimed	28,500.00					0.00	28,500.00			
43	1072329_R K Engineering Corporation	Supply installation testing and commissioning of real time water measurement equipment	2022-23	Claimed	1,03,968.00			1,03,968.00		1,03,968.00	0.00			
44	1110565 - YANTRA HARVEST ENERGY PVT LTD	VFD for CEP in stage#2 U#5	2023-24	Claimed	0.00	54,63,220.00				0.00	54,63,220.00			
45	1135005 - HIGHGROUND ENERGY PVT LTD	Solar Panel installed on CW Channel	2023-24	Claimed	0.00	3,94,110.00				0.00	3,94,110.00			

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**						**Form-S**			
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**						**Amount in Rs.**			
	COD	**31-07-2010**												
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2023**	**liability in additional capitalisation for 2023-24 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2023-24**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2024**			
								-by payment	**-by reversal**					
(1)	(2)	(3)	(4)											
46	1182518 - YAHA WATER SYSTEMS	MLD Activated Filter Tertiary Treatment plant	2023-24	Not Claimed	0.00	48,93,660.00				0.00	48,93,660.00			
47	BHARAT HEAVY ELECTRICALS LIMITED	HMI of M/s BHEL with Cyber Security Features UI#5	2023-24	Claimed	0.00	3,47,54,777.00				0.00	3,47,54,777.00			
48	Siemens Ltd	Flexible Control Measures & Impact Assessment Tool	2023-24	Claimed	0.00	1,68,55,753.00				0.00	1,68,55,753.00			
49	1080161 - SRD Construction Co.	CW & MAKE-UP WATER SYSTEM (Stage II)	2023-24	Not Claimed	0.00	3,60,125.00				0.00	3,60,125.00			
50	1009520 INTERNAL ELECTRONICS	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM for O&M	2015-16	Not Claimed	0.00					0.00	0.00			
51	1134879 SHIFALI BUSINESS	DIGITAL DUPLICATOR:90-129 PPM	2015-16	Not Claimed	0.00					0.00	0.00			
52	1064216 RICOH INDIA LTD	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM	2015-16	Not Claimed	0.00					0.00	0.00			
53	1035962 FORTUNA IMPEX PTE.LT	Biometric Time Attendance System	2016-17	Not Claimed	0.00					0.00	0.00			
54	1052492 GANGOTRI ENTERPRISES LTD	RESERVOIR	2016-17	Not Claimed	1,79,47,721.37					0.00	1,79,47,721.37			
55	1107398_SVS TECHNOLOGY SERVICES PVT LT	NAS BASED STORAGE - SAS, 10TB	2016-17	Not Claimed	0.00					0.00	0.00			
56	1134879_SHEFALI BUSINESS SYSTEM	N/W LASERJET: A3, COLOR, PRINT,COPY&SCAN	2016-17	Not Claimed	0.00					0.00	0.00			
57	1041746_BEML LIMITED	WHEEL LOADER FITTED WITH TORQUE CONVERTR	2016-17	Not Claimed	0.00					0.00	0.00			
58	1047402_AMPEE TRADING CO	M3247576036_KIRLOSKAR PUMP ASSY MODEL DSM 125/40	2016-17	Not Claimed	0.00					0.00	0.00			
59	1000319_AMCO INDUSTRIES	M5101906099N_SEALING RING (IN 8 PARTS) 01050509000	2017-18	Not Claimed	0.00					0.00	0.00			
60	1000560_ASTECH MARKETING PVT LTD	M9481056076_ACTUATOR COMPLETE,AUMA SA10.1,STG DRAI	2017-18	Not Claimed	6,136.00					0.00	6,136.00			

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**						**Form-S**			
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**						**Amount in Rs.**			
	COD	**31-07-2010**												
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2023**	**liability in additional capitalisation for 2023-24 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2023-24**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2024**			
								-by payment	**-by reversal**					
(1)	(2)	(3)	(4)											
61	1001992_GEECO ENERCON PVT LTD	M4750016758_PAPH ASSY:27.5 VIM:(CW+CCW)FLEXI RAD(H	2017-18	Not Claimed	0.00					0.00	0.00			
62	1006827_LARSEN & TOUBRO LTD	M8564265080_AIR CIRCUIT BREAKER RS IS:10027800 A	2017-18	Not Claimed	0.00					0.00	0.00			
63	1020285_ACME OFFICE SOLUTIONS PVT LIMITED	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM	2017-18	Not Claimed	0.00					0.00	0.00			
64	1146694_ARORA TRADING COMPANY	TOWER TYPE 4TON AIRCONDITIONER	2017-18	Not Claimed	0.00					0.00	0.00			
65	1146694_ARORA TRADING COMPANY	WINDOW AIR CONDITIONER 1.5 TON	2017-18	Not Claimed	0.00					0.00	0.00			
66	1010543_AGMATEL INDIA PVT.LTD	DESKTOP PC: CORE-I5, ALL IN ONE,8GB M9713020084	2018-19	Not Claimed	42,794.50					0.00	42,794.50			
67	1126452_ANB COMPUTER SOLUTIONS PVT LTD	SCANNER A4 SIZE 1200 DPI	2018-19	Not Claimed	0.00					0.00	0.00			
68	1126452_ANB COMPUTER SOLUTIONS PVT LTD	SERVER - INTEL XEON,DUAL CPU,WITH OS	2018-19	Not Claimed	0.00					0.00	0.00			
69	1042318_NAT STEEL EQUIPMENT PVT LTD	AUTOCLAVE: HORIZONTAL	2018-19	Not Claimed	0.00					0.00	0.00			
70	1098433_BLUEFIC INDUSTRIAL AND SCIENTIFIC	MORTUARY CHAMBER (TWO BODIES)	2018-19	Not Claimed	0.00					0.00	0.00			
71	1050575_ROYAL TRADELINKS PVT LTD	FOGGING M/C:SMALL	2018-19	Not Claimed	0.00					0.00	0.00			
72	1004006_NUTECH JETTING EQUIPMENTS INDIA	M3100500099_PUMP:HEAD(10000-12000M):FLOW(	2018-19	Not Claimed	0.00					0.00	0.00			
73	1080251_Clyde Pumps India Pvt Ltd	M3136806131_IMPELLER 1ST STAGE#44-WEIR BFP-PR:FK4E	2018-19	Not Claimed	0.00					0.00	0.00			
74	1037002_SCHRADER DUNCAN LTD.	M5656046006N_900X900:STROKE CYL ASSY	2018-19	Not Claimed	0.00					0.00	0.00			
75	1119225_BERCO UNDERCARRIAGES(INDIA) PVT LTD	M5530026012_AF/93:COMP CHAIN ASSEMBLY	2018-19	Not Claimed	0.00					0.00	0.00			

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**						**Form-S**			
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**						**Amount in Rs.**			
	COD	**31-07-2010**												
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2023**	**liability in additional capitalisation for 2023-24 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2023-24**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2024**			
								-by payment	**-by reversal**					
(1)	(2)	(3)	(4)											
76	1006713_CG POWER AND INDUSTRIAL SOLUTIONS	M8752219501_HV BSNG+M PRT&GSKT:125MVAR 400KV SH RC	2018-19	Not Claimed	0.00					0.00	0.00			
77	1000560_ASTECH MARKETING PVT LTD	M9481406003_AUMA(G) SA10.1-F10-B1-8 - 705130	2018-19	Not Claimed	0.00					0.00	0.00			
78	ECS Systems	BHARAT HEAVY ELECTRICALS LIMITED	2022-23	Not Claimed	84,16,47,870.28	17,71,46,288.37		57,45,02,434.80	75,043.28	57,45,77,478.08	44,42,16,680.57			
79	1004340 POWER GRID CORPORATION OF INDIA LTD	400KV D/C TRANSMISSION LINE-1	2014-15	Not Claimed	80,65,446.50					0.00	80,65,446.50			
80	Various Parties	MBOAs	2019-20	Claimed	1,55,180.00	0.00	0.00	0.00	0.00	0.00	1,55,180.00			
81	Various Parties	MBOAs	2020-21	Claimed	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
82	Various Parties	MBOAs	2021-22	Claimed	3,78,993.00	0.00	0.00	1,50,147.00	0.00	1,50,147.00	2,28,846.00			
83	Various Parties	MBOAs	2022-23	Claimed	4,23,980.00	0.00	0.00	4,21,337.00	0.00	4,21,337.00	2,643.00			
84	Various Parties	MBOAs	2023-24	Claimed	0.00	25,23,778.00	0.00	0.00	0.00	0.00	25,23,778.00			
85	Various Parties	Spares	2019-20	Not Claimed	54,975.00	0.00	0.00	0.00	0.00	0.00	54,975.00			
86	Various Parties	Spares	2020-21	Not Claimed	4,67,270.00	0.00	0.00	0.00	0.00	0.00	4,67,270.00			
87	Various Parties	Spares	2021-22	Not Claimed	1,19,637.00	0.00	0.00	1,19,637.00	0.00	1,19,637.00	0.00			
88	Various Parties	Spares	2022-23	Not Claimed	1,88,66,323.68	0.00	0.00	1,81,48,194.68	0.00	1,81,48,194.68	7,18,129.00			
88	Various Parties	Spares	2023-24	Not Claimed	0.00	38,13,628.00	0.00	0.00	0.00	0.00	38,13,628.00			

	Name of the Petitioner	**NTPC Ltd.**			**Form-S**						**Form-S**			
	Name of the Generating Station	**NCTPS St-II**			**Amount in Rs.**						**Amount in Rs.**			
	COD	**31-07-2010**												
Sl No	**Name of the Party**	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Remarks**	**Undischarged liabilities relating to GB 31.03.2023**	**liability in additional capitalisation for 2023-24 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2023-24**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2024**			
								-by payment	**-by reversal**					
(1)	(2)	(3)	(4)											
b) For assets eligible for RoE at weightage average rate of interest on loan				**b) For assets**										
41	1178927_TATA ADVANCED SYSTEMS LIMITED	INTEGRATED SECURITY SYSTEM Package	2022-23	Claimed	2,02,25,803.37	31,16,032.19		1,72,90,155.37		1,72,90,155.37	60,51,680.19			
Allowed					491217307.9	0	0	337523728.3	3620170.44	341143898.8	150073409.1			
Claimed					16683223.85	59991638	0	3839357.73	10276042.84	14115400.57	62559461.28			
Not Claimed					887218174.3	186213701.4	0	592770266.5	75043.28	592845309.8	480586565.9			
					1395118706	246205339.4	0	934133352.5	13971256.56	948104609.1	693219436.4			
					55,34,70,835.78	6,90,59,051.00	0.00	35,96,30,917.72	1,38,96,213.28	37,35,27,131.00	24,90,02,755.78			
Allowed+Claimed @ Normal ROE					507900531.7	59991638	0	341363086	13896213.28	355259299.3	212632870.4			
Allowed+Claimed @ WAROI					2,02,25,803.37	31,16,032.19	0.00	1,72,90,155.37	0.00	1,72,90,155.37	60,51,680.19			

PART 1
FORM-T

Summary of issue involved in the petition

	Name of the Company :	**NTPC Ltd.**
	Name of the Power Station :	**NCTPS St-II**
1	**Petitioner:**	**NTPC Ltd.**
2	**Subject: Revision of tariff after Truing up exercise of National Capital Thermal Power Station Stage-II (NCTPS-II) (980 MW) for the period from 01.04.2019 to 31.03.2024**	
3	**Prayer:** i)Approve revised tariff of NCTPS-II Generating station for the tariff period 2019-24 as per provision of Regulation 13 of Tariff Regulations 2019. ii)Approve revised tariff of Dadri Loni Transmission Line for the tariff period 2019-24 as separate stream from the tariff of generating station as per provision of Regulation 13 of Tariff Regulations 2019. iii)Approve revised supplementary tariff of NCTPS-II ECS system for the tariff period 2019-24 as per provision of Regulation 13 of Tariff Regulations 2019. iv)Allow the reimbursement of water charges, capital spares and security expenses for the instant station, as claimed by the Petitioner. v)Pass any other order as it may deem fit in the circumstances mentioned above.	
4	**Name of Respondents**	
	1.Uttar Pradesh Power Corp. Ltd (UPPCL)	
	2.BSES Rajdhani Power Ltd. (BRPL)	
	3.BSES Yamuna Power Ltd. (BYPL)	
	4.Tata Power Delhi Distribution Ltd. (TPDDL)	
5	**Project Scope : National Capital Thermal Power Station Stage-II (NCTPS-II) (980 MW)**	
	Cost: Approved Capital Cost of Rs 549320.7 Lakh as on 31.03.2024	
	Commissioning : Station COD on 31.07.2010	

Claim	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**2023-24**
AFC (in Rs Lakh)	**98,413.36**	**96,680.88**	**93,317.03**	**92,633.62**	**82,774.65**
Capital cost (in Rs Lakh)	**4,98,981.94**	**4,99,591.17**	**4,99,616.19**	**5,03,679.24**	**5,08,635.51**
Initial spare (in Rs Lakh)	included in above				
NAPAF (Gen) (in %)	**85**				
Any Specific					

Summary of Gross Block reconciliation of NCTPS Dadri-II (2019-20)						Annexure IA
						Amount in Rs.
Sr. No.	Particular	TOTAL GROSS BLOCK	ST-I	ST-II	Dadri-Loni	Solar
1	Closing Gross Block as per Audited Balance Sheet 31.03.2020	47,95,73,70,603	5,93,69,66,838	40,44,48,27,624	1,12,57,37,246	44,98,38,895
2	Opening Gross Block as per Audited Balance Sheet 01.04.2019	46,69,53,03,195	5,05,48,63,359	40,06,53,86,850	1,12,57,37,246	44,93,15,740
3	Addition During the Year (1-2) (IndAS)	1,26,20,67,408	88,21,03,479	37,94,40,774	-	5,23,155
4	IndAS Adjustment	8,35,74,396	20,60,00,627	-12,24,26,231	-	-
5	Addition during the year (3+4) (IGAAP)	1,34,56,41,804	1,08,81,04,106	25,70,14,543	-	5,23,155

Summary of Gross Block reconciliation of NCTPS Dadri-II (2020-21)						Annexure IIA
						Amount in Rs.
Sr. No.	**Particular**	**TOTAL GROSS BLOCK**	**ST-I**	**ST-II**	**Dadri-Loni**	**Solar**
1	Closing Gross Block as per Audited Balance Sheet 31.03.2021'	**48,74,98,46,298**	6,62,49,52,684	40,54,66,76,060	1,12,57,37,246	45,24,80,308
2	Opening Gross Block as per Audited Balance Sheet 01.04.2020	**47,95,73,70,603**	**5,93,69,66,838**	**40,44,48,27,624**	**1,12,57,37,246**	**44,98,38,895**
3	**Addition During the Year (1-2) (IndAS)**	**79,24,75,696**	**68,79,85,846**	**10,18,48,436**	**-**	26,41,413
4	IndAS Adjustment	**-16,95,97,961**	**-16,57,14,495**	**-38,83,465**	**-**	-
5	**Addition during the year (3+4) (IGAAP)**	**62,28,77,735**	**52,22,71,351**	**9,79,64,971**	**-**	**26,41,413**

Summary of Gross Block reconciliation of NCTPS Dadri-II (2021-22)						Annexure IIIA
						Amount in Rs.
Sr. No.	**Particular**	**TOTAL GROSS BLOCK**	**ST-I**	**ST-II**	**Dadri-Loni**	**Solar**
1	Closing Gross Block as per Audited Balance Sheet 31.03.2022'	**48,94,63,89,635**	**6,77,18,32,396**	**40,59,47,68,433**	**1,12,57,37,246**	**45,40,51,561**
2	Opening Gross Block as per Audited Balance Sheet 01.04.2021	**48,74,98,46,298**	**6,62,49,52,684**	**40,54,66,76,060**	**1,12,57,37,246**	**45,24,80,308**
3	**Addition During the Year (1-2) (IndAS)**	**19,65,43,337**	**14,68,79,712**	**4,80,92,372**	**-**	15,71,253
4	IndAS Adjustment	**11,18,19,112**	**4,81,78,272**	**6,36,40,840**		
5	**Addition during the year (3+4) (IGAAP)**	**30,83,62,449**	**19,50,57,984**	**11,17,33,212**	**-**	**15,71,253**

Summary of Gross Block reconciliation of NCTPS Dadri-II (2022-23)						Annexure IVA
						Amount in Rs.
Sr. No.	**Particular**	**TOTAL GROSS BLOCK**	**ST-I**	**ST-II**	**Dadri-Loni**	**Solar**
1	Closing Gross Block as per Audited Balance Sheet 31.03.2023	**54,73,36,52,044**	6,68,04,02,512	46,46,97,19,924	1,12,57,37,246	45,77,92,361
2	Opening Gross Block as per Audited Balance Sheet 01.04.2022	**48,94,63,89,635**	**6,77,18,32,396**	**40,59,47,68,433**	**1,12,57,37,246**	**45,40,51,561**
3	**Addition During the Year (1-2) (IndAS)**	**5,78,72,62,408**	**-9,14,29,884**	**5,87,49,51,492**	**-**	37,40,800
4	IndAS Adjustment	**4,77,90,189**	**-4,01,50,877**	**8,79,41,066**		
5	**Addition during the year (3+4) (IGAAP)**	**5,83,50,52,597**	**-13,15,80,761**	**5,96,28,92,558**	**-**	**37,40,800**

Summary of Gross Block reconciliation of NCTPS Dadri-II (2023-24)						Annexure VA
						Amount in Rs.
Sr. No.	**Particular**	**TOTAL GROSS BLOCK**	**ST-I**	**ST-II**	**Dadri-Loni**	**Solar**
1	Closing Gross Block as per Audited Balance Sheet 31.03.2023	**56,42,69,35,127.10**	6,93,60,12,564	47,90,73,92,955	1,12,57,37,246	45,77,92,361
2	Opening Gross Block as per Audited Balance Sheet 01.04.2022	**54,73,36,52,044**	**6,68,04,02,512**	**46,46,97,19,924**	**1,12,57,37,246**	**45,77,92,361**
3	**Addition During the Year (1-2) (IndAS)**	**1,69,32,83,083**	**25,56,10,052**	**1,43,76,73,031**	**-**	
4	IndAS Adjustment	**3,10,14,637**	**6,42,57,399**	**-3,32,42,762**		
5	**Addition during the year (3+4) (IGAAP)**	**1,72,42,97,720**	**31,98,67,451**	**1,40,44,30,269**	**-**	**-**

		Year wise Statement of Additional Capitalisation after COD						**PART-I**
								Annexure- I
								Amount in Rs.
Name of the Petitioner		**NTPC Ltd**						
Name of the Generating Station		**NCTPS Stage-II, Dadri**						
Station COD		**31.07.2010**						
For Financial Year		**2019-20**						
Sl. No.	**Head of Work /Equipment**	**ACE Claimed (Actual)**						**Justification**
		Accrual basis as per Note 2	**Ind AS Adj.**	**Accrual Basis as per IGAAP**	**Un-discharged Liability included in col. 3**	**Cash basis**	**IDC included in col. 3**	
1	**2**	**3**	**3A**	**3B = 3+3A**	**4**	**5= (3B-4)**	**6**	**7**
A	**Claimed Items**							
A1	Zero Discharge System	4,78,23,971.48	6,494.40	4,78,30,465.88	15,48,043.00	4,62,82,422.88		As per Form 9A
A2	400 KV Class Bus Sectionaliser	3,54,23,317.60		3,54,23,317.60	19,97,600.00	3,34,25,717.60		
A3	Installation of Reactor for grid support through reactive energy compensation	6,28,16,959.93		6,28,16,959.93		6,28,16,959.93		
A4	LED Electrification in Station	1,57,26,137.20		1,57,26,137.20		1,57,26,137.20		
A5	Implementaion of Flexible operation	4,46,96,966.00		4,46,96,966.00		4,46,96,966.00		
A6	Original Packages (Adjustment)							
1	Infrastructure & Site development works(Adjustment)	37,428.00		37,428.00		37,428.00		
2	TOWNSHIP & COLONY (Adjustment)	16,83,508.83		16,83,508.83		16,83,508.83		
3	CHP-TURNKEY (Adjustment)	71,22,461.20		71,22,461.20	15,89,029.28	55,33,431.92		
4	Station C&I (Adjustment)	-1,46,92,528.26		-1,46,92,528.26		-1,46,92,528.26		
5	Ash Handling System	1,03,446.00		1,03,446.00		1,03,446.00		
6	Switch Yard Extension Building	46,72,919.13		46,72,919.13		46,72,919.13		
7	Steam Generator : UNIT # I & II	4,72,000.00		4,72,000.00		4,72,000.00		
	Subtotal(A7)	-6,00,765.10	-	-6,00,765.10	15,89,029.28	-21,89,794.38		
	Subtotal	20,58,86,587.11	6,494.40	20,58,93,081.51	51,34,672.28	20,07,58,409.23		
A8	Decap of Spares:Part of Capital Cost	-2,79,08,464.36	-1,08,81,803.00	-3,87,90,267.36		-3,87,90,267.36		
A9	Decap of MBOAs:Part of Capital Cost	-52,79,465.14	-14,58,747.71	-67,38,212.85		-67,38,212.85		
A10	Capitalisation of MBOAs							
1	Tools and Tackles	1,45,42,523.00		1,45,42,523.00	10,87,293.00	1,34,55,230.00		
2	Furniture and Fixtures	55,59,036.00		55,59,036.00		55,59,036.00		
3	EDP, WP Machines, SATCOM	19,31,965.00		19,31,965.00	1,57,659.00	17,74,306.00		
4	Other Office Equipments	66,86,751.69		66,86,751.69	37,980.00	66,48,771.69		
5	Construction Equipment	5,92,901.21	8,898.79	6,01,800.00	1,02,000.00	4,99,800.00		
6	Communication Equipment	5,92,311.00		5,92,311.00	3,60,421.00	2,31,890.00		
7	Hospital Equipment	3,89,683.99		3,89,683.99	97,400.00	2,92,283.99		
8	Laboratory And Workshop Equipment	10,75,948.24		10,75,948.24	91,161.00	9,84,787.24		
	Sub Total	3,13,71,120.13	8,898.79	3,13,80,018.92	19,33,914.00	2,94,46,104.92		
	Total Claim	**20,40,69,777.74**	**-1,23,25,157.52**	**19,17,44,620.22**	**70,68,586.28**	**18,46,76,033.94**		

		Year wise Statement of Additional Capitalisation after COD						**PART-I**
								Annexure- I
								Amount in Rs.
Name of the Petitioner		**NTPC Ltd**						
Name of the Generating Station		**NCTPS Stage-II, Dadri**						
Station COD		**31.07.2010**						
For Financial Year		**2019-20**						
B	**Exclusions**							
B1	Items Not Claimed							
B1	Capitalisation of Spares	12,26,54,356.98	8,124.86	12,26,62,481.84	8,29,770.00	12,18,32,711.84		
B2	Decap Of Spares(Not Part Capital Cost)	-2,25,68,483.12	-	-2,25,68,483.12	-	-2,25,68,483.12		
B3	Decap Of MBOAs (Not Part Of Capital Cost)	-41,58,550.79	-2,40,666.47	-43,99,217.26	-	-43,99,217.26		
B4	Inter Unit Transfer							
	Other Office Items							
	From Dadri to SSC faridabad	-4,29,881.47	-	-4,29,881.47		-4,29,881.47		
	From Dadri to CC	-1,73,153.81	-1,846.19	-1,75,000.00		-1,75,000.00		
	EDP, WP machines and satcom equipment							
	To Dadri Gas	-97,068.50	-73,726.50	-1,70,795.00		-1,70,795.00		
	To CC	-3,33,567.89	-1,99,055.88	-5,32,623.77		-5,32,623.77		
	To ERHQ patna	-26,254.57	-80,595.43	-1,06,850.00		-1,06,850.00		
	To faridabad Gas	-18,54,513.33	-1,42,789.10	-19,97,302.43		-19,97,302.43		
	From CC To Dadri	2,32,739.96	-	2,32,739.96	-	2,32,739.96		As per Form-K
	Total	-26,81,699.61	-4,98,013.10	-31,79,712.71	-	-31,79,712.71		
B5	Loan ERV	(8,12,317)		-8,12,316.69	-	-8,12,316.69		
B6	Liability Reversal							
	CHP-TURNKEY	-1,89,99,614.58	-	-1,89,99,614.58	-1,89,99,614.58	-		
	Station C&I	-74,33,214.91	-	-74,33,214.91	-74,33,214.91	-		
	Total	-2,64,32,829.49	-	-2,64,32,829.49	-2,64,32,829.49	-		
B7	OH Capitalisation	22,74,74,494.59	-22,74,74,494.59	-		-		
B8	OH Decapitalisation	-11,81,03,975.89	11,81,03,975.89	-		-		
B9	Asset Class Change			-		-		
	Furniture and Fixtures	6,59,019.83	45,207.90	7,04,227.73	-	7,04,227.73		
	Other Office Equipments	-6,59,019.83	-45,207.90	-7,04,227.73	-	-7,04,227.73		
	Subtotal	-	-	-	-	-		
	Total Exclusion	**17,53,70,995.98**	**-11,01,01,073.41**	**6,52,69,922.57**	**-2,56,03,059.49**	**9,08,72,982.06**	**-**	
	Total	**37,94,40,773.72**	**-12,24,26,230.93**	**25,70,14,542.79**	**-1,85,34,473.21**	**27,55,49,016.00**	**-**	

		Year wise Statement of Additional Capitalisation after COD						**PART-I** **Annexure- II** **Amount in Rs.**
Name of the Petitioner		**NTPC Ltd**						
Name of the Generating Station		**NCTPS Stage-II, Dadri**						
Station COD		**31.07.2010**						
For Financial Year		**2020-21**						
Sl. No.	**Head of Work /Equipment**	**ACE Claimed (Actual)**						**Justification**
		Accrual basis as per Note 2	**Ind AS Adj.**	**Accrual Basis as per IGAAP**	**Un-discharged Liability included in col. 3**	**Cash basis**	**IDC included in col. 3**	
1	**2**	**3**	**3A**	**3B = 3+3A**	**4**	**5= (3B-4)**	**6**	**7**
A	**Claimed Items**							
A1	Zero Discharge System	12,03,951.21		12,03,951.21		12,03,951.21		As per Form 9A
A2	400 KV Class Bus Sectionaliser	3,87,83,473.79		3,87,83,473.79	68,31,680.17	3,19,51,793.62		
A3	VIDEO MANAGEMENT SOFTWARE FOR CCTV	13,25,807.00		13,25,807.00	1,12,357.00	12,13,450.00		
A4	LED Electrification in Station	16,87,726.13		16,87,726.13		16,87,726.13		
A5	Original Packages (Adjustment)							
1	TOWNSHIP & COLONY (Adjustment)	79,08,836.57	-	79,08,836.57	67,71,775.57	11,37,061.00		
2	CHP-TURNKEY (Adjustment)	14,64,000.00		14,64,000.00		14,64,000.00		
3	Steam Generator : UNIT # 5(Adjustment)	-1,55,480.00		-1,55,480.00		-1,55,480.00		
4	DM and Pre Treatment Plant (Adjustment)	11,87,363.00		11,87,363.00	8,07,930.00	3,79,433.00		
5	Ash Handling System	92,068.10		92,068.10		92,068.10		
	Subtotal(A5)	1,04,96,787.67	-	1,04,96,787.67	75,79,705.57	29,17,082.10		
	Subtotal	5,34,97,745.80	-	5,34,97,745.80	1,45,23,742.74	3,89,74,003.06		
A5	Decap of Spares:Part of Capital Cost	-1,45,80,242.33	-77,79,456.55	-2,23,59,698.88		-2,23,59,698.88		
A6	Decap of MBOAs:Part of Capital Cost	-4,00,121.09	-1,88,304.11	-5,88,425.20		-5,88,425.20		
A7	Capitalisation of MBOAs							
1	Plant and Machinery of MBOA Nature	46,450.00		46,450.00		46,450.00		
2	EDP, WP Machines, SATCOM	1,66,15,309.32		1,66,15,309.32		1,66,15,309.32		
3	Other Office Equipments	86,57,043.30		86,57,043.30	72,979.62	85,84,063.68		
4	Communication Equipment	2,48,089.00		2,48,089.00	62,083.00	1,86,006.00		
5	Hospital Equipment	24,94,320.00		24,94,320.00		24,94,320.00		
	Sub Total	2,80,61,211.62	-	2,80,61,211.62	1,35,062.62	2,79,26,149.00		
	Total Claim	**6,65,78,594.00**	**-79,67,760.66**	**5,86,10,833.34**	**1,46,58,805.36**	**4,39,52,027.98**		

B	**Exclusions**							
B1	Capitalisation of Spares	6,73,17,177.29		6,73,17,177.29	36,05,853.34	6,37,11,323.95		As per Form-K
B2	Decap Of Spares(Not Part Capital Cost)	-2,18,39,607.48	-	-2,18,39,607.48		-2,18,39,607.48		
B3	Decap Of MBOAs (Not Part Of Capital Cost)	-54,51,312.40	-2,49,984.10	-57,01,296.50		-57,01,296.50		
B4	Inter Unit Transfer							
	EDP, WP machines and satcom equipment							
	To various station	-4,55,564.00	-78,985.96	-5,34,549.96		-5,34,549.96		
	From various station	1,12,414.20	-	1,12,414.20		1,12,414.20		
	Total	-3,43,149.80	-78,985.96	-4,22,135.76	-	-4,22,135.76		
B5	OH Decapitalisation	-44,13,265.29	44,13,265.29	-		-		
	Total Exclusion	**3,52,69,842.32**	**40,84,295.23**	**3,93,54,137.55**	**36,05,853.34**	**3,57,48,284.21**	**-**	
	Total	**10,18,48,436.32**	**-38,83,465.43**	**9,79,64,970.89**	**1,82,64,658.70**	**7,97,00,312.19**	**-**	

		Year wise Statement of Additional Capitalisation after COD						**PART-I**
								Annexure- III
								Amount in Rs.
Name of the Petitioner		**NTPC Ltd**						
Name of the Generating Station		**NCTPS Stage-II, Dadri**						
Station COD		**31.07.2010**						
For Financial Year		**2021-22**						
Sl. No.	**Head of Work /Equipment**	**ACE Claimed (Actual)**						**Justification**
		Accrual basis as per Note 2	**Ind AS Adj.**	**Accrual Basis as per IGAAP**	**Un-discharged Liability included in col. 3**	**Cash basis**	**IDC included in col. 3**	
1	**2**	**3**	**3A**	**3B = 3+3A**	**4**	**5= (3B-4)**	**6**	**7**
A	**Claimed Items**							
A1	Zero Discharge System	4,25,501.00		4,25,501.00		4,25,501.00		
A2	LED Electrification in Station	17,80,380.20		17,80,380.20		17,80,380.20		
A3	Original Packages (Adjustment)							
1	TOWNSHIP & COLONY (Adjustment)	42,04,223.02		42,04,223.02	3,01,127.00	39,03,096.02		
2	Ash Handling System	31,07,636.00		31,07,636.00		31,07,636.00		
	Subtotal(A9)	73,11,859.02	-	73,11,859.02	3,01,127.00	70,10,732.02		
	Subtotal	95,17,740.22	-	95,17,740.22	3,01,127.00	92,16,613.22		
A4	Decap of Spares:Part of Capital Cost	-1,06,50,064.55	-1,38,66,209.42	-2,45,16,273.97		-2,45,16,273.97		
A5	Decap of MBOAs:Part of Capital Cost	-20,72,665.51	-96,92,515.18	-1,17,65,180.69		-1,17,65,180.69		
A6	Capitalisation of MBOAs							As per Form 9A
1	Plant and Machinery of MBOA Nature	2,99,999	-	2,99,999.00	-	2,99,999.00		
2	Furniture and Fixtures	3,36,230	-	3,36,230.15	-	3,36,230.15		
3	EDP, WP Machines, SATCOM	53,94,134	-	53,94,134.14	88,300	53,05,834.14		
4	Other Office Equipments	55,98,798	-	55,98,798.45	3,16,396	52,82,402.45		
5	Construction Equipment	26,45,252	6,746	26,51,998.00	79,600	25,72,398.00		
6	Hospital Equipment	45,26,288	-	45,26,288.01	3,98,650	41,27,638.01		
7	Laboratory And Workshop Equipment	22,500	-	22,500.00	-	22,500.00		
	Sub Total	1,88,23,201.89	6,745.86	1,88,29,947.75	8,82,946.00	1,79,47,001.75		
	Total Claim	**1,56,18,212.05**	**-2,35,51,978.74**	**-79,33,766.69**	**11,84,073.00**	**-91,17,839.69**		

		Year wise Statement of Additional Capitalisation after COD						**PART-I**
								Annexure- III
								Amount in Rs.
Name of the Petitioner		**NTPC Ltd**						
Name of the Generating Station		**NCTPS Stage-II, Dadri**						
Station COD		**31.07.2010**						
For Financial Year		**2021-22**						
Sl. No.	**Head of Work /Equipment**	**ACE Claimed (Actual)**						**Justification**
		Accrual basis as per Note 2	**Ind AS Adj.**	**Accrual Basis as per IGAAP**	**Un-discharged Liability included in col. 3**	**Cash basis**	**IDC included in col. 3**	
1	**2**	**3**	**3A**	**3B = 3+3A**	**4**	**5= (3B-4)**	**6**	**7**
B	**Exclusions**							
B1	Capitalisation of Spares	13,99,45,154.14	72,600.65	14,00,17,754.79	93,72,595.68	13,06,45,159.11		
B2	Decap Of Spares(Not Part Capital Cost)	-2,38,33,911.93	-	-2,38,33,911.93	-	-2,38,33,911.93		
B3	Decap Of MBOAs (Not Part Of Capital Cost)	-46,07,644.27	-2,75,900.73	-48,83,545.00	-	-48,83,545.00		
B4	Inter Unit Transfer							
	Furniture & Fixtures							
	From BTPS to Dadri	13,25,390.35	11,63,327.38	24,88,717.73		24,88,717.73		
	From CC To Dadri	1,01,844.32	1,25,277.68	2,27,122.00		2,27,122.00		
	Other Office Items							
	From BTPS to Dadri	4,12,774.02	1,02,945.22	5,15,719.24		5,15,719.24		
	From CC To Dadri	1,23,585.00	1,07,415.00	2,31,000.00		2,31,000.00		
	EDP, WP machines and satcom equipment							
	From BTPS to Dadri	19,89,223.43	1,84,772.84	21,73,996.27		21,73,996.27		
	From Barh To Dadri	6,81,624.96	-	6,81,624.96		6,81,624.96		
	From TTPS to Dadri	1,22,448.16	39,200.86	1,61,649.02		1,61,649.02		
	From Auraiya To Dadri	2,74,994.74	40,328.11	3,15,322.85		3,15,322.85		
	From CC To Dadri	11,16,791.22	11,379.60	11,28,170.82		11,28,170.82		
	From Dadri to Dadri Gas	-2,42,080.00	-	-2,42,080.00		-2,42,080.00		
	From Faridabad Gas to Dadri	8,27,098.26	-	8,27,098.26		8,27,098.26		
	From Simhadri To dadri	2,13,444.35	-	2,13,444.35		2,13,444.35		
	From TSTPS to Dadri	2,14,238.72	-	2,14,238.72	-	2,14,238.72		
	Total	71,61,377.53	17,74,646.69	89,36,024.22	-	89,36,024.22		
B5	Liability Reversal							
	CIVIL WORK OF TOWNSHIP AUDITORIUM	**(5,69,343)**	-	-5,69,343.15	-5,69,343.15	-		
	Total	-5,69,343.15	-	-5,69,343.15	-5,69,343.15	-		
B6	OH Capitalisation	11,29,43,144.69	-11,29,43,144.69	-		-		
B7	OH Decapitalisation	-19,85,64,616.60	19,85,64,616.60	-		-		
	Total Exclusion	**3,24,74,160.41**	**8,71,92,818.52**	**11,96,66,978.93**	**88,03,252.53**	**11,08,63,726.40**	**-**	
	Total	**4,80,92,372.46**	**6,36,40,839.78**	**11,17,33,212.24**	**99,87,325.53**	**10,17,45,886.71**	**-**	

		Year wise Statement of Additional Capitalisation after COD						**PART-I**
								Annexure- IV
								Amount in Rs.
Name of the Petitioner		**NTPC Ltd**						
Name of the Generating Station		**NCTPS Stage-II, Dadri**						
Station COD		**31.07.2010**						
For Financial Year		**2022-23**						
Sl. No.	**Head of Work /Equipment**	**ACE Claimed (Actual)**						**Justification**
		Accrual basis as per Note 2	**Ind AS Adj.**	**Accrual Basis as per IGAAP**	**Un-discharged Liability included in col. 3**	**Cash basis**	**IDC included in col. 3**	
1	**2**	**3**	**3A**	**3B = 3+3A**	**4**	**5= (3B-4)**	**6**	**7**
A	**Claimed Items**							
A1	Zero Discharge System	3,33,074.18	-	3,33,074.18		3,33,074.18		
A2	400 KV Class Bus Sectionaliser	8,51,167.01		8,51,167.01		8,51,167.01		
A3	VFD for CEP	3,03,34,188.02		3,03,34,188.02		3,03,34,188.02		
A4	LED Electrification in Station	32,77,513.39		32,77,513.39		32,77,513.39		
A5	Circuit Breaker SF6 400KV 3150A	72,46,552.00		72,46,552.00		72,46,552.00		
A6	Real time water measurement equipment	13,71,255.33		13,71,255.33	1,03,968.00	12,67,287.33		
A7	AGC System	11,21,000.00		11,21,000.00	28,500.00	10,92,500.00		
A8	Integrated Security System	23,66,96,528.46		23,66,96,528.46	2,02,25,803.37	21,64,70,725.09		
A9	Original Packages (Adjustment)							
1	AIR CONDITIONING (Stage II)	1,19,643.54		1,19,643.54		1,19,643.54		
2	Construction of shed :storage area of gl	3,33,382.66		3,33,382.66		3,33,382.66		
3	RESERVOIR	9,81,49,289.00		9,81,49,289.00	18,75,115.00	9,62,74,174.00		
4	400KV SWITCHYARD	-6,821.30	-13,178.70	-20,000.00		-20,000.00		
	Subtotal(A9)	9,85,95,493.90	-13,178.70	9,85,82,315.20	18,75,115.00	9,67,07,200.20		
	Subtotal	37,98,26,772.29	-13,178.70	37,98,13,593.59	2,22,33,386.37	35,75,80,207.22		As per Form 9A
A10	Decap of Spares:Part of Capital Cost	-1,72,13,838.95	-1,57,53,026.01	-3,29,66,864.96		-3,29,66,864.96		
A11	Decap of MBOAs:Part of Capital Cost	-7,04,006.51	-18,37,786.04	-25,41,792.55		-25,41,792.55		
A12	Capitalisation of MBOAs							
1	Furniture and Fixtures	2,17,106.19	6,344.10	2,23,450.29	-	2,23,450.29		
2	EDP, WP Machines, SATCOM	1,22,39,657.00	-	1,22,39,657.00	3,75,600.00	1,18,64,057.00		
3	Other Office Equipments	23,96,310.21	-	23,96,310.21	-	23,96,310.21		
4	Construction Equipment	1,42,67,390.00	-	1,42,67,390.00	-	1,42,67,390.00		
5	Electrical Installation	16,64,755.52	-	16,64,755.52	-	16,64,755.52		
6	Communication Equipment	19,85,002.00	-	19,85,002.00	-	19,85,002.00		
7	Hospital Equipment	2,83,278.00	-	2,83,278.00	-	2,83,278.00		
8	Software	7,58,774.00	-	7,58,774.00	-	7,58,774.00		
9	Tools and Tackles	4,93,080.00		4,93,080.00	48,380.00	4,44,700.00		
	Sub Total	3,43,05,352.92	6,344.10	3,43,11,697.02	4,23,980.00	3,38,87,717.02		
	Total Claim	**39,62,14,279.75**	**-1,75,97,646.65**	**37,86,16,633.10**	**2,26,57,366.37**	**35,59,59,266.73**		

Year wise Statement of Additional Capitalisation after COD								PART-I Annexure- IV Amount in Rs.
Name of the Petitioner		NTPC Ltd						
Name of the Generating Station		NCTPS Stage-II, Dadri						
Station COD		31.07.2010						
For Financial Year		2022-23						
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Justification
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3	
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7
B	**Exclusions**							
B1	Items Not Claimed							
1	Emission Control System Package	5,43,12,42,774.35		5,43,12,42,774.35	84,16,47,870.28	4,58,95,94,904.07	31,34,75,678.01	
B2	Capitalisation of Spares	21,46,33,817.72	30,798.36	21,46,64,616.08	1,88,66,323.68	19,57,98,292.40		
B3	Decap Of Spares(Not Part Capital Cost)	-1,75,04,498.06		-1,75,04,498.06	-	-1,75,04,498.06		
B4	Decap Of MBOAs (Not Part Of Capital Cost)	-32,67,656.67	-2,99,753.84	-35,67,410.51	-	-35,67,410.51		
B5	Inter Unit Transfer							
	Furniture & Fixtures							
	From BTPS to Dadri	97,738.19	97,893.78	1,95,631.97		1,95,631.97		
	From DBF To Dadri	8,03,192.33	20,68,815.79	28,72,008.12		28,72,008.12		
	Other Office Items			-		-		
	From BTPS to Dadri	4,85,480.47	1,63,049.40	6,48,529.87		6,48,529.87		
	From DBF To Dadri	30,58,396.20	8,29,644.49	38,88,040.69		38,88,040.69		
	From Dadri to CC	-40,172.00	-	-40,172.00		-40,172.00		
	EDP, WP machines and satcom equipment			-		-		
	From Sipat to Dadri			-		-		
	From Auraiya GPS To Dadri	58,230.64	-	58,230.64		58,230.64		
	From DBF to Dadri	24,33,401.45	7,43,781.05	31,77,182.50		31,77,182.50		
	From CC To Dadri	56,552.84	-	56,552.84		56,552.84		
	From Kawas GPS To Dadri	63,900.00	-	63,900.00		63,900.00		
	From Dadri to WRHQ	-55,812.82	-	-55,812.82		-55,812.82		
	From Vindyachal to Dadri			-		-		
	From Sipat To dadri	4,58,360.00	-	4,58,360.00		4,58,360.00		As per Form-K
	From Vindyachal to Dadri	5,56,378.26	-	5,56,378.26		5,56,378.26		
	Vehicles including Speedboats			-		-		
	From BTPS to Dadri	-	1,592.50	1,592.50		1,592.50		
	Electrical Installation			-		-		
	From BTPS to Dadri	14,994.00	6,006.00	21,000.00		21,000.00		
	Communication Equipment			-		-		
	From DBF To Dadri	6,20,615.44	2,15,665.83	8,36,281.27		8,36,281.27		

Year wise Statement of Additional Capitalisation after COD								PART-I Annexure- IV Amount in Rs.
Name of the Petitioner		**NTPC Ltd**						
Name of the Generating Station		**NCTPS Stage-II, Dadri**						
Station COD		**31.07.2010**						
For Financial Year		**2022-23**						
Sl. No.	**Head of Work /Equipment**	**ACE Claimed (Actual)**						**Justification**
		Accrual basis as per Note 2	**Ind AS Adj.**	**Accrual Basis as per IGAAP**	**Un-discharged Liability included in col. 3**	**Cash basis**	**IDC included in col. 3**	
1	**2**	**3**	**3A**	**3B = 3+3A**	**4**	**5= (3B-4)**	**6**	**7**
	Lab Equipment			-		-		
	From DBF To Dadri	9,73,433.00	-	9,73,433.00		9,73,433.00		
	Software			-		-		
	From DBF To Dadri	32,946.00	-	32,946.00	-	32,946.00		
	Total	96,17,634.00	41,26,448.84	1,37,44,082.84	-	1,37,44,082.84		
B6	Liability Reversal							
	ASH HANDLING - SUPPL & EREC (Stage II)	-5,43,03,639.50	-	-5,43,03,639.50	-5,43,03,639.50	-		
	Total	-5,43,03,639.50	-	-5,43,03,639.50	-5,43,03,639.50	-		
B7	OH Capitalisation	11,16,27,154.04	-11,16,27,154.04	-		-		
B8	OH Decapitalisation	-21,33,78,027.93	21,33,78,027.93	-		-		
B9	Asset Class Change			-		-		
	Furniture and Fixtures	13,45,193.49		13,45,193.49	-	13,45,193.49		
	Other Office Equipments	-12,75,539.22	-69,654.27	-13,45,193.49	-	-13,45,193.49		
	Subtotal	69,654.27	-69,654.27	-	-	-		
	Total Exclusion	**5,47,87,37,212.22**	**10,55,38,712.98**	**5,58,42,75,925.20**	**80,62,10,554.46**	**4,77,80,65,370.74**	**31,34,75,678.01**	
	Total	**5,87,49,51,491.97**	**8,79,41,066.33**	**5,96,28,92,558.30**	**82,88,67,920.83**	**5,13,40,24,637.47**	**31,34,75,678.01**	

		Year wise Statement of Additional Capitalisation after COD						**PART-I**
								Annexure- V
								Amount in Rs.
Name of the Petitioner		**NTPC Ltd**						
Name of the Generating Station		**NCTPS Stage-II, Dadri**						
Station COD		**31.07.2010**						
For Financial Year		**2023-24**						
Sl. No.	**Head of Work /Equipment**	**ACE Claimed (Actual)**						**Justification**
		Accrual basis as per Note 2	**Ind AS Adj.**	**Accrual Basis as per IGAAP**	**Un-discharged Liability included in col. 3**	**Cash basis**	**IDC included in col. 3**	
1	**2**	**3**	**3A**	**3B = 3+3A**	**4**	**5= (3B-4)**	**6**	**7**
A	**Claimed Items**							
A1	HMI of M/s BHEL with Cyber Security Features	9,71,70,564.74	22,540.69	9,71,93,105.43	3,47,54,777.00	6,24,38,328.43		As per Form 9A
A2	Implementaion of Flexible operation	4,82,42,998.00	-	4,82,42,998.00	1,68,55,753.00	3,13,87,245.00		
A3	VFD for CEP	2,64,87,034.01	3,01,623.97	2,67,88,657.98	54,63,220.00	2,13,25,437.98		
A4	Solar Panel installed on CW Channel	1,66,15,493.44		1,66,15,493.44	3,94,110.00	1,62,21,383.44		
A5	Integrated Security System	2,38,35,600.94	19,682.09	2,38,55,283.03	31,16,032.19	2,07,39,250.84		
A6	Original Packages (Adjustment)							
1	Steam Generator	83,281.57	1,95,266.32	2,78,547.89		2,78,547.89		
2	RESERVOIR	1,86,76,583.28		1,86,76,583.28		1,86,76,583.28		
	Subtotal(A6)	1,87,59,864.85	1,95,266.32	1,89,55,131.17	-	1,89,55,131.17		
	Subtotal	23,11,11,555.98	5,39,113.07	23,16,50,669.05	6,05,83,892.19	17,10,66,776.86		
A7	Decap of Spares:Part of Capital Cost	-1,66,34,164.53	-2,89,31,966.58	-4,55,66,131.11		-4,55,66,131.11		
A8	Decap of MBOAs:Part of Capital Cost	-1,57,59,526.30	-84,21,631.26	-2,41,81,157.56		-2,41,81,157.56		
A9	Capitalisation of MBOAs							
1	MBOA-Communication Equipment	5,53,346.00	-	5,53,346.00	-	5,53,346.00		
2	MBOA-Construction Equipment	30,40,000.00	-	30,40,000.00	-	30,40,000.00		
3	MBOA-EDP, WP Machines & SATCOM Equipment	1,62,26,627.72	-	1,62,26,627.72	25,23,778.00	1,37,02,849.72		
4	MBOA-Furniture & Fixtures	29,38,678.00	-	29,38,678.00	-	29,38,678.00		
5	MBOA-Hospital	28,20,393.33	-	28,20,393.33	-	28,20,393.33		
6	MBOA-Laboratory & Workshop Equipment	28,25,510.00	-	28,25,510.00	-	28,25,510.00		
7	MBOA-Other Office Equipments	97,73,313.00	-	97,73,313.00	-	97,73,313.00		
	Sub Total	3,81,77,868.05	-	3,81,77,868.05	25,23,778.00	3,56,54,090.05		
	Total Claim	**23,68,95,733.21**	**-3,68,14,484.78**	**20,00,81,248.43**	**6,31,07,670.19**	**13,69,73,578.24**		

Year wise Statement of Additional Capitalisation after COD								PART-I Annexure- V Amount in Rs.
Name of the Petitioner		NTPC Ltd						
Name of the Generating Station		NCTPS Stage-II, Dadri						
Station COD		31.07.2010						
For Financial Year		2023-24						
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Justification
		Accrual basis as per Note 2	Ind AS Adj.	Accrual Basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3	
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7
B	**Exclusions**							
B1	Items Not Claimed							As per Form-K
1	Emission Control System Package	1,04,54,85,964.74		1,04,54,85,964.74	17,71,46,288.37	86,83,39,676.37	9,33,69,032.89	
2	CW & MAKE-UP WATER SYSTEM (Stage II)	9,45,770.00		9,45,770.00	3,60,125.00	5,85,645.00		
3	Tertiary Treatment plant(MLD Activated)	2,95,52,982.00		2,95,52,982.00	48,93,660.00	2,46,59,322.00		
	Total	1,07,59,84,716.74	-	1,07,59,84,716.74	18,24,00,073.37	89,35,84,643.37		
B2	Capitalisation of Spares	15,63,11,975.72	-	15,63,11,975.72	38,13,628.00	15,24,98,347.72		
B3	Decap Of Spares(Not Part Capital Cost)	-	-	-	-	-		
B4	Decap Of MBOAs (Not Part Of Capital Cost)	-1,34,48,757.64	-3,99,358.34	-1,38,48,115.98	-	-1,38,48,115.98		
B5	Inter Unit Transfer							
	Furniture & Fixtures							
	From BTPS to Dadri	4,320.00	5,225.54	9,545.54		9,545.54		
	Other Office Items			-		-		
	From BTPS to Dadri	8,210.78	3,271.26	11,482.04		11,482.04		
	EDP, WP machines and satcom equipment			-		-		
	From Auriya to Dadri	5,892.25	8,930.21	14,822.46		14,822.46		
	From CC to Dadri	59,745.42	-	59,745.42		59,745.42		
	From EOC to Dadri	71,845.00	-	71,845.00		71,845.00		
	From Kanti to Dadri	1,26,654.00	-	1,26,654.00		1,26,654.00		
	From Sipat to Dadri	48,790.64	-	48,790.64		48,790.64		
	From Dadri to Dadri Gas	-5,33,089.63	-13,138.13	-5,46,227.76		-5,46,227.76		
	Total	-2,07,631.54	4,288.88	-2,03,342.66	-	-2,03,342.66		
B6	Liability Reversal							
	Township Package	-1,02,88,902.01	-	-1,02,88,902.01	-1,02,88,902.01	-		
	400 KV Class Bus Sectionaliser	-36,07,311.27		-36,07,311.27	-36,07,311.27	-		
	Total	-1,38,96,213.28	-	-1,38,96,213.28	-1,38,96,213.28	-		
B7	OH Capitalisation	11,48,02,245.52	-11,48,02,245.52	-		-		
B8	OH Decapitalisation	-11,89,30,923.46	11,89,30,923.46	-		-		
B9	Asset Class Change			-		-		
	EDP, WP machines and satcom equipment	-1,93,504.77	-1,61,885.74	-3,55,390.51	-	-3,55,390.51		

Year wise Statement of Additional Capitalisation after COD								PART-I Annexure- V Amount in Rs.
Name of the Petitioner		**NTPC Ltd**						
Name of the Generating Station		**NCTPS Stage-II, Dadri**						
Station COD		**31.07.2010**						
For Financial Year		**2023-24**						
Sl. No.	**Head of Work /Equipment**	**ACE Claimed (Actual)**						**Justification**
		Accrual basis as per Note 2	**Ind AS Adj.**	**Accrual Basis as per IGAAP**	**Un-discharged Liability included in col. 3**	**Cash basis**	**IDC included in col. 3**	
1	**2**	**3**	**3A**	**3B = 3+3A**	**4**	**5= (3B-4)**	**6**	**7**
	Communication Equipment	3,55,390.51	-	3,55,390.51	-	3,55,390.51		
	Subtotal	1,61,885.74	-1,61,885.74	-	-	-		
	Total Exclusion	**1,20,07,77,297.80**	**35,71,722.74**	**1,20,43,49,020.54**	**17,23,17,488.09**	**1,03,20,31,532.45**	**-**	
	Total	**1,43,76,73,031.01**	**-3,32,42,762.04**	**1,40,44,30,268.97**	**23,54,25,158.28**	**1,16,90,05,110.69**	**-**	

TARIFF FILING FORMS (THERMAL)

FOR REVISION OF TARIFF AFTER TRUING UP EXERCISE

FOR

NCTPS St-II

(From 01.04.2019 to 31.03.2024)

For Transmission Asset

PART-I

APPENDIX-IA

Checklist of Main Tariff Forms and other information for tariff filing for Thermal Stations		
Form No.	**Title of Tariff Filing Forms (Thermal)**	**Tick**
FORM- 1 (II)	Summary of Tariff	✓
FORM -1A(II)	Statement showing Return on Equity	✓
FORM-2 (II)	Details of Transmission Lines & Communication System	✓
FORM-3(II)	Normative parameters considered for tariff computations	✓
FORM-9A(II)	Summary of Statement of Additional Capitalisation claimed during the period	✓
FORM- 12 (II)	Statement of Depreciation	✓
FORM- N (II)	Calculation of Interest on Normative Loan	✓
FORM- O(II)	Calculation of Interest on Working Capital	**NA**
FORM-L(II)	Statement of Capital cost	✓
FORM-S	Statement of Liability flow	
FORM-T(II)	Summary of issues involved in the petition	✓

Part-III
FORM-I (A)

Summary Sheet

Name of the Petitioner **NTPC Ltd**
Name of the region **Northern Region**
Name of the Power Station **NCTPS-II, Dadri**
Name of the transmission element **Dadri-Loni Road 400 KV D/C line**

Amount in Rs Lakh

S.N o.	Particulars	Form No.	Existing 2018-19*	2019-20	2020-21	2021-22	2022-23	2023-24
1	2		4	5	6	7	8	9
1.1	Depreciation	Form-12 A	591.55	591.55	591.55	591.55	591.55	591.55
1.2	Interest on Loan	Form-N A (II)	479.59	433.36	350.34	273.98	226.00	177.24
1.3	Return on Equity[1]	Form-1 (A) (II)	664.06	631.26	631.26	631.26	631.26	631.26
1.4	Interest on Working Capital	Form-O B (II)	42.31	27.02	24.10	21.54	20.98	23.36
1.5	O & M Expenses	Form-2 (II) & Form-3 (II)	42.95	46.94	48.60	50.30	52.06	53.87
	Total		**1820.46**	**1730.13**	**1645.85**	**1568.62**	**1521.84**	**1477.28**

*Claimed

(Petitioner)

Part-III
Form 1 A (II)

Calculation of Return on Equity

Name of the Company NTPC Ltd
Name of the region Northern Region
Name of the Power Station NCTPS-II, Dadri
Name of the transmission elemen Dadri-Loni Road 400 KV D/C line

(Amount in Rs. Lakh)

S.N o.	Particulars	Existing 2018-19*	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	4	5	6	7	8	9
1.1	Capital cost	11203.48	11203.57	11203.57	11203.57	11203.57	11203.57
1.2	Add: Addition during the year / period	0.00					
1.3	Less: Decapitalisation during the year /period						
1.4	Less: Reversal during the year / period						
1.5	Add: Discharges during the year /period	0.09					
2	Closing Capital Cost	11203.57	11203.57	11203.57	11203.57	11203.57	11203.57
2.1	Equity as on COD	3361.04	3361.07				
2.2	Total Opening Equity	3361.04	3361.07	3361.07	3361.07	3361.07	3361.07
2.3	Equity for Add Cap	0.03	0.00	0.00	0.00	0.00	0.00
2.4	Closing Equity	3361.07	3361.07	3361.07	3361.07	3361.07	3361.07
2.5	Average Equity	3361.06	3361.07	3361.07	3361.07	3361.07	3361.07
2.6	Return on Equity*	664.06	631.26	631.26	631.26	631.26	631.26
3	**Total**	**664.06**	**631.26**	**631.26**	**631.26**	**631.26**	**631.26**

(Petitioner)

Part-III
FORM-2 (II)

DETAILS OF TRANSMISSION LINES & COMMUNICATION SYSTEM

Name of the Petitioner	**NTPC Ltd**
Name of the region	**Northern Region**
Name of the Power Station	**NCTPS-II, Dadri**
Name of the transmission element	**Dadri-Loni Road 400 KV D/C line**

Transmission Lines

S. No.	Name of line	Type of line AC/HVDC	S/C or D/C	No. of Sub-Conductors	Voltage level kV	Line length per Ckt.- km.	Line length (53.065+53.503) / 2 Km	Actual date of Commercial operation (Line/Ckt I)	Actual date of Commercial operation (Line/Ckt II)	Covered in the present petition	
										Yes/No	If No, petition No.
1	Dadri-Loni Road 400 KV D/C line	AC	D/C	2	400 KV	Line-1: 53.065 Line 2: 53.503	53.284	02.08.2014	08.09.2014	Yes	

Communication System

S. No.	Name of Communication System	Type of Communication System – Communication System under ULDC/ SCADA/ WAMS/Fibre Optic Communication System/RTU/PABX etc	Technical Particulars	Number/ length	Date of Commercial operation	Covered in the present petition	
						Yes/No	If No, petition No.
1	Fibre Optics	ULDC	Fibre Optics		Existing communication system of Powergrid shall be used.		

(Petitioner)

PART III
FORM-3 (II)

Normative Parameters considered for Tariff Computation

Name of the Petitioner
Name of the region
Name of the Power Station
Name of the transmission element

Particulars	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	5	6	7	8	9
Base Rate of Return on Equity	%	**15.50%**	15.50%	15.50%	15.50%	15.50%	15.50%
Tax Rate	%						
Effective Tax Rate	%	21.549%	17.472%	17.472%	17.472%	17.472%	17.472%
Target Availabilty	%	98%	98%	98%	98%	98%	98%
Normative O&M per KM	Rs. Lakh/ km	0.806	0.881	0.912	0.944	0.977	1.011
Additional O&M Charges							
Impact due to Pay revision/KM							
Impact due to GST/KM							
Total O&M Expenses/KM		0.806	0.881	0.912	0.944	0.977	1.011
Normative O&M per Bay	Rs. Lakh/ bay						
Spares for WC as % of O&M	% of O&M	15%	15%	15%	15%	15%	15%
Recievables in month for WC	months	2	1.5	1.5	1.5	1.5	1.5
Prime Lending Rate of SBI as on 1st April of the Fin Year 2014-15	%	13.50%	12.05%	11.25%	10.50%	10.50%	12.00%

100

(Petitioner)

PART-III
FORM- 9A(I)
Summary

Name of the Petitioner				**NTPC Ltd.**					
Name of the Generating Station				**NCTPS-II, Dadri**					
Name of Transmission Element				**Dadri-Loni Road 400 KV D/C line**					
COD				**08.09.2014**					
For Financial Year				**2019-24 (Summary)**					
									Rs. Lakhs
Sl. No.	Head of Work /Equipment	ACE Claimed Cash Basis(Summary)					Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		2019-20	**2020-21**	**2021-22**	**2022-23**	**2023-24**			
1	2	3	4	5	6	7	8	9	10
New Claims									
1	**400KV D/C TRANSMISSION LINE-1**								
2	**400KV D/C TRANSMISSION LINE-2**			**NA**					
Subtotal									
1	Discharge of Liabilities								
Subtotal									
Total Add Cap Claimed									

(Petitioner)

PART-III
FORM- 12(II)

Statement of Depreciation

Name of the Company **NTPC Ltd**
Name of the region **Northern Region**
Name of the Power Station **NCTPS-II, Dadri**
Name of the transmission element **Dadri-Loni Road 400 KV D/C line**

(Amount in Rs. Lakh)

Sl. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	4	5	6	7	8	9
1	Opening Capital Cost	11203.48	11203.57	11203.57	11203.57	11203.57	11203.57
2	Additional Capitalization during the period	0.00	0.00	0.00	0.00	0.00	0.00
3	Closing Capital Cost	11203.48	11203.57	11203.57	11203.57	11203.57	11203.57
4	**Average Capital Cost**	**11203.48**	**11203.57**	**11203.57**	**11203.57**	**11203.57**	**11203.57**
5	Freehold land	0.00	0.00	0.00	0.00	0.00	0.00
6	Rate of depreciation	5.28%	5.28%	5.28%	5.28%	5.28%	5.28%
7	Depreciable value	10083.13	10083.21	10083.21	10083.21	10083.21	10083.21
8	Balance useful life at the beginning of the period						
9	Remaining depreciable value	7990.73	7399.23	6807.69	6216.14	5624.59	5033.04
10	**Depreciation (for the period)**	**591.54**	**591.55**	**591.55**	**591.55**	**591.55**	**591.55**
11	**Depreciation (annualised)**	**591.54**	**591.55**	**591.55**	**591.55**	**591.55**	**591.55**
12	Cumulative depreciation at the end of the period	2683.98	3275.53	3867.08	4458.63	5050.17	5641.72
13	Less: Cumulative depreciation adjustment on account of de-capitalisation	0.00	0.00	0.00	0.00	0.00	0.00
14	Net Cumulative depreciation at the end of the period	2683.98	3275.53	3867.08	4458.63	5050.17	5641.72

(Petitioner)

PART-III
FORM- N (II)

Calculation of Interest on Normative Loan

Name of the Company NTPC Ltd
Name of the region Northern Region
Name of the Power Station NCTPS-II, Dadri
Name of the transmission ele Dadri-Loni Road 400 KV D/C line

(Amount in Rs. Lakh)

Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	3	4	5	6	7	8
Gross Normative loan - Opening	7842.43	7842.50	7842.50	7842.50	7842.50	7842.50
Cumulative repayment of Normative Loan upto previous year	2092.44	2683.98	3275.53	3867.08	4458.63	5050.18
Net Normative loan - Opening	5750.00	5158.52	4566.97	3975.42	3383.87	2792.32
Increase/Decrease due to ACE/de-capitalization during the Year	0.07	0.00	0.00	0.00	0.00	0.00
Repayments of Normative Loan during the year	591.55	591.55	591.55	591.55	591.55	591.55
Net Normative loan - Closing	5158.52	4566.97	3975.42	3383.87	2792.32	2200.77
Average Normative Loan	5454.26	4862.74	4271.19	3679.65	3088.10	2496.55
Weighted average Rate of Interest of actual Loans	8.77%	8.91%	8.20%	7.45%	7.32%	7.10%
Interest on Normative loan	**478.09**	**433.36**	**350.34**	**273.98**	**226.00**	**177.24**

(Petitioner)

PART-III
FORM- O (II)

Calculation of Interest on Working Capital

Name of the Company **NTPC Ltd**
Name of the region **Northern Region**
Name of the Power Station **NCTPS-II, Dadri**
Name of the transmission e **Dadri-Loni Road 400 KV D/C line**

(Amount in Rs. Lakh)

Sl. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	4	5	6	7	8	9
1	O & M Expenses	3.58	3.91	4.05	4.19	4.34	4.49
2	Maintenance Spares	6.44	7.04	7.29	7.55	7.81	8.08
3	Receivables	303.41	213.30	202.91	193.39	187.62	182.13
4	Total Working Capital	313.43	224.26	214.25	205.13	199.77	194.70
5	Rate of Interest	13.50%	12.05%	11.25%	10.50%	10.50%	12.00%
6	**Interest on Working Capital**	**42.31**	**27.02**	**24.10**	**21.54**	**20.98**	**23.36**

(Petitioner)

PART-I
FORM- L(II)

Statement of Capital cost

(Amount in Rs Lakh)

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS St-II**
COD	**31-07-2010**

Sl. No.	Particulars	2019-20			2020-21			2021-22			2022-23			2023-24		
		Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	**Cash Basis**
A	a) Opening Gross Block Amount as per books	11,284.23	80.65	11,203.57	11,284.23	80.65	11,203.57	11,284.23	80.65	11,203.57	11,284.23	80.65	11,203.57	11,284.23	80.65	11,203.57
	b) Amount of IDC in A(a) above	2,260.71		2,260.71	2,260.71	0.00	2,260.71	2,260.71	0.00	2,260.71	2,260.71	0.00	2,260.71	2,260.71	0.00	2,260.71
	c) Amount of FC in A(a) above			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	d) Amount of FERV in A(a) above			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	e) Amount of Hedging Cost in A(a) above			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	f) Amount of IEDC in A(a) above			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00			0.00			0.00			0.00			0.00
B	a) Addition in Gross Block Amount during the period (Direct purchases)															
	b) Amount of IDC in B(a) above			0.00			0.00			0.00			0.00			0.00
	c) Amount of FC in B(a) above			0.00			0.00			0.00			0.00			0.00
	d) Amount of FERV in B(a) above			0.00			0.00			0.00			0.00			0.00
	e) Amount of Hedging Cost in B(a) above			0.00			0.00			0.00			0.00			0.00
	f) Amount of IEDC in B(a) above			0.00			0.00			0.00			0.00			0.00
				0.00			0.00			0.00			0.00			0.00
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Amount of IDC in C(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	c) Amount of FC in C(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	d) Amount of FERV in C(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	e) Amount of Hedging Cost in C(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	f) Amount of IEDC in C(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00			0.00			0.00			0.00			0.00
D	a) Deletion in Gross Block Amount during the period															
	b) Amount of IDC in D(a) above			0.00			0.00			0.00			0.00			0.00
	c) Amount of FC in D(a) above			0.00			0.00			0.00			0.00			0.00
	d) Amount of FERV in D(a) above			0.00			0.00			0.00			0.00			0.00
	e) Amount of Hedging Cost in D(a) above			0.00			0.00			0.00			0.00			0.00
	f) Amount of IEDC in D(a) above			0.00			0.00			0.00			0.00			0.00
				0.00			0.00			0.00			0.00			0.00
E	a) Closing Gross Block Amount as per books	11,284.23	80.65	11,203.57	11,284.23	80.65	11,203.57	11,284.23	80.65	11,203.57	11,284.23	80.65	11,203.57	11,284.23	80.65	11,203.57
	b) Amount of IDC in E(a) above	2,260.71	0.00	2,260.71	2,260.71	0.00	2,260.71	2,260.71	0.00	2,260.71	2,260.71	0.00	2,260.71	2,260.71	0.00	2,260.71
	c) Amount of FC in E(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	d) Amount of FERV in E(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	e) Amount of Hedging Cost in E(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	f) Amount of IEDC in E(a) above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

(Petitioner)

Name of the Company	NTPC Ltd	Form-S(II)	Form-S(II)
Name of the region	Northern Region	Amount in Rs.	Amount in Rs.
Name of the Power Station	NCTPS-II, Dadri		
Name of the transmission eler	Dadri-Loni Road 400 KV D/C line		

Name of the Party	Name of the work	Year of creation of liability capitalised in Gross Block	Undischarged liabilities relating to GB 31.03.2019*	liability in additional capitalisation for 2019-20 as per annexure IB-column 9	Discharge during the year 2019-20		Total discharge	Undischarged liabilities relating to GB 31.03.2020
					-by payment	-by reversal		
(2)	(3)	(4)	16=(10+11+12-15)					
'For Assets eligible for normal RoE								
1004340 POWER GRID CORPORATION OF INDIA LTD	400KV D/C TRANSMISSION LINE-1	2014-15	80,65,446.50	0.00	0.00	0.00	0.00	80,65,446.50
For Assets eligible for WAROI								

Nil

Name of the Company	NTPC Ltd	Form-S(II)	Form-S(II)
Name of the region	Northern Region	Amount in	Amount in Rs.
Name of the Power Station	NCTPS-II, Dadri		
Name of the transmission eler	Dadri-Loni Road 400 KV D/C line		

Name of the Party	Name of the work	Year of creation of liability capitalised in Gross Block	Undischarged liabilities relating to GB 31.03.2019*	liability in additional capitalisation for 2020-21 as per annexure IB-column 9	Contractors ERV updation	Discharge during the year 2020-21		Total discharge	Undischarged liabilities relating to GB 31.03.2021
						-by payment	-by reversal		
(2)	(3)	(4)	16=(10+11+12-15)						
'For Assets eligible for normal RoE									
1004340 POWER GRID CORPORATION OF INDIA LTD	400KV D/C TRANSMISSION LINE-1	2014-15	80,65,446.50	0.00	0.00	0.00	0.00	0.00	80,65,446.50
For Assets eligible for WAROI									

Nil

Name of the Company	**NTPC Ltd**	**Form-S(II)**	**Form-S(II)**
Name of the region	**Northern Region**	**Amount in**	**Amount in Rs.**
Name of the Power Station	**NCTPS-II, Dadri**		
Name of the transmission eler	**Dadri-Loni Road 400 KV D/C line**		

Name of the Party	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Undischarged liabilities relating to GB 31.03.2019***	**liability in additional capitalisation for 2021-22 as per annexure IB-column 9**	**Discharge during the year 2021-22**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2022**
					-by payment	**-by reversal**		
(2)	(3)	(4)	16=(10+11+12-15)					
'For Assets eligible for normal RoE								
1004340 POWER GRID CORPORATION OF INDIA LTD	**400KV D/C TRANSMISSION LINE-1**	**2014-15**	**80,65,446.50**	**0.00**	**0.00**	**0.00**	0.00	80,65,446.50
For Assets eligible for WAROI								

Nil

Name of the Company	**NTPC Ltd**	**Form-S(II)**	**Form-S(II)**
Name of the region	**Northern Region**	**Amount in**	**Amount in Rs.**
Name of the Power Station	**NCTPS-II, Dadri**		
Name of the transmission eler	**Dadri-Loni Road 400 KV D/C line**		

Name of the Party	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Undischarged liabilities relating to GB 31.03.2019***	**liability in additional capitalisation for 2022-23 as per annexure IB-column 9**	**Contractors ERV updation**	**Discharge during the year 2022-23**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2023**
						-by payment	**-by reversal**		
(2)	(3)	(4)	16=(10+11+12-15)						
'For Assets eligible for normal RoE									
1004340 POWER GRID CORPORATION OF INDIA LTD	**400KV D/C TRANSMISSION LINE-1**	**2014-15**	**80,65,446.50**		**0.00**	**0.00**		0.00	80,65,446.50
For Assets eligible for WAROI									

Nil

Name of the Company	**NTPC Ltd**	**Form-S(II)**	**Form-S(II)**
Name of the region	**Northern Region**	**Amount in**	**Amount in Rs.**
Name of the Power Station	**NCTPS-II, Dadri**		
Name of the transmission eler	**Dadri-Loni Road 400 KV D/C line**		

Name of the Party	**Name of the work**	**Year of creation of liability capitalised in Gross Block**	**Undischarged liabilities relating to GB 31.03.2019***	**liability in additional capitalisation for 2023-24 as per annexure IB-column 9**	**Discharge during the year 2023-24**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2024**
					-by payment	**-by reversal**		
(2)	(3)	(4)	16=(10+11+12-15)					
'For Assets eligible for normal RoE								
1004340 POWER GRID CORPORATION OF INDIA LTD	**400KV D/C TRANSMISSION LINE-1**	**2014-15**	**80,65,446.50**				0.00	80,65,446.50
For Assets eligible for WAROI								

Nil

		PART 1 **FORM-T(II)**
	Summary of issue involved in the petition	
	Name of the Company :	**NTPC Ltd.**
	Name of the Power Station :	**NCTPS St-II**
1	**Petitioner:**	**NTPC Ltd.**
2	**Subject: Revision of tariff after Truing up exercise of National Capital Thermal Power Station Stage-II (NCTPS-II) (980 MW) for the period from 01.04.2019 to 31.03.2024**	
3	**Prayer:** i)Approve revised tariff of Dadri Loni Transmission Line for the tariff period 2019-24 as separate stream from the tariff of generating station as per provision of Regulation 13 of Tariff Regulations 2019. II)Pass any other order as it may deem fit in the circumstances mentioned above.	
4	**Name of Respondents**	
	1.BSES Rajdhani Power Ltd. (BRPL)	
	2.BSES Yamuna Power Ltd. (BYPL)	
	3.Tata Power Delhi Distribution Ltd. (TPDDL)	

TARIFF FILING FORMS

FOR REVISION OF SUPPLEMENTARY TARIFF AFTER TRUING UP EXERCISE

FOR

NCTPS Dadri Stage-II (ECS)

(From 15.06.2012 to 31.03.2024)

PART-I

APPENDIX-IB

Checklist of Main Tariff Forms and other information for tariff filing for Thermal Stations

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM- 1	Summary of Supplementary Tariff	✓
FORM -1 (I)	Statement showing claimed capital cost	✓
FORM -1 (II)	Statement showing Return on Equity	✓
FORM-2	ECS Characteristics	✓
FORM-3	Normative parameters considered for tariff computations	✓
FORM-3A	Statement showing O&M Expenses	✓
FORM- 4	Details of Foreign loans	NA
FORM- 4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	NA
FORM-5A	Abstract of Claimed Capital Cost for the existing Projects	NA
FORM- 6	Financial Package upto COD	✓
FORM- 7	Details of Project Specific Loans	NA
FORM- 8	Details of Allocation of corporate loans to various projects	NA
FORM-9A	Summary of Statement of Additional Capitalisation claimed during the period	✓
FORM-9 ##	Statement of Additional Capitalisation after COD	✓
FORM- 10	Financing of Additional Capitalisation	✓
FORM- 11	Calculation of Depreciation on original project cost	NA
FORM- 12	Statement of Depreciation	✓
FORM- 13	Calculation of Weighted Average Rate of Interest on Actual Loans	✓
FORM- 14	Draw Down Schedule for Calculation of IDC & Financing Charges	✓
FORM- 15	Details of Fuel for Computation of Energy Charges: Primary Fuel(Coal)	NA
FORM- 15A	Details of Fuel for Computation of Energy Charges: Secondary Fuel(Oil)	NA
FORM- 16	Details of Limestone for Computation of Energy Charge Rate	✓
FORM-17	Details of Capital Spares	NA
FORM- 18	Non-Tariff Income	NA
FORM-19	Details of Water Charges	NA
FORM-20	Details of Statutory Charges	NA

Provided yearwise for the period 2019-24

List of Supporting Forms / documents for tariff filing for Thermal Stations

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM-A	Abstract of Capital Cost Estimates	✓
FORM-B	Break-up of Capital Cost for Coal/Lignite based projects	✓
FORM-C	Break-up of Capital Cost for Gas/Liquid fuel based Projects	**NA**
FORM-D	Break-up of Construction/Supply/Service packages	**NA**
FORM-E	Details of variables , parameters , optional package etc. for New Project	**NA**
FORM-F	Details of cost over run	**NA**
FORM-G	Details of time over run	**NA**
FORM –H	Statement of Additional Capitalisation during end of the useful life	**NA**
FORM –I	Details of Assets De-capitalised during the period	**NA**
FORM –J	Reconciliation of Capitalisation claimed vis-à-vis books of accounts	**NA**
FORM –K	Statement showing details of items/assets/works claimed under Exclusions	✓
FORM-L	Statement of Capital cost	✓
FORM-M	Statement of Capital Woks in Progress	✓
FORM-N	Calculation of Interest on Normative Loan	✓
FORM-O	Calculation of Interest on Working Capital	✓
FORM-Oi	Computation of Supplementary Energy Charges	✓
FORM-P	Incidental Expenditure up to SCOD and up to Actual COD	**NA**
FORM-Q	Expenditure under different packages up to SCOD and up to Actual COD	**NA**
FORM-R	Actual cash expenditure	**NA**
FORM-S	Statement of Liability flow	✓
FORM-T	Summary of issues involved in the petition	✓

PART-I

FORM- 1

Summary of Supplementary Tariff

	Name of the Petitioner:	**NTPC Limited**
	Name of the Generating Station:	**NCTPS Dadri Stage-II (ECS)**

Amount in Rs. Lakhs

S. No.	Particulars	Unit	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (01.04.2022 to 14.06.2022)	2022-23 (15.06.2022 to 31.03.2023)	2023-24 (01.04.2023 to 07.02.2024)	2023-24 (08.02.2024-31.03.2024)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.1	Depreciation	Rs Lakh	20.11	75.78	77.25	77.25	78.6383	2,216.49	2,476.18	3,142.08
1.2	Interest on Loan	Rs Lakh	20.21	68.80	51.24	42.91	42.1188	1,643.60	1,809.33	2,246.19
1.3	Return on Equity	Rs Lakh	16.68	62.86	64.09	64.09	65.2385	1,723.39	1,925.31	2,760.72
1.4	Interest on Working Capital	Rs Lakh	1.62	4.64	4.17	3.83	3.9005	155.50	191.47	275.52
1.5	O&M Expenses	Rs Lakh	15.23	30.47	31.53	32.64	33.78	396.66	319.02	1022.11
	Total	Rs Lakh	**73.85**	**242.55**	**228.28**	**220.71**	**223.6757**	**6135.64**	**6721.32**	**9446.61**
2.1	Landed Cost of Reagent	Rs/MT	**-**	**-**	**-**	**-**		**2,130**	**2,247**	**2,310**
2.2	Supplementary ECR ex-bus	Rs/ kWh	**-**	**-**	**-**	**-**		**0.067**	**0.069**	**0.070**

(Petitioner)

PART-I
FORM- 1(I)

	Name of the Petitioner:	**NTPC Limited**
	Name of the Generating Station:	**NCTPS Dadri Stage-II (ECS)**

Amount in Rs. Lakhs

Statement showing claimed capital cost

S. No.	Particulars	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (01.04.2022 to 14.06.2022)	2022-23 (15.06.2022 to 31.03.2023)	2023-24 (01.04.2023 to 07.02.2024)	2023-24 (08.02.2024-31.03.2024)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
A	Capital Cost as on ODe	-	1,407.26				41,184.72		60,316.96
i	Un-Amortized Finance Charges	-	-				146.91		186.17
ii	Notional IDC						128.64		499.76
iii	Loan ERV Charged to P&L						1,335.70		2,117.25
a	Loan ERV Charged to P&L upto 11.11.2023						1,335.70		1,696.50
b	Loan ERV Charged to P&L from 11.11.2023 to 08.02.2024								420.75
iv	IDC charged to P&L								69.63
v	IEDC Charged to P&L								94.20
1	Opening Capital Cost	0.00	1407.26	1463.07	1463.07	1463.07	42795.96	47507.19	63283.97
2	Add: Addition during the year / period						219.42	132.39	-
3	Less: De-capitalisation during the year / period								
4	Less: Reversal during the year / period								
5	Add: Discharges during the year / period	761.68	55.81	-	-	52.58	4,491.81	5,736.86	8.17
6	Closing Capital Cost	761.68	1463.07	1463.07	1463.07	1515.65	47507.19	53376.44	63292.14
7	**Average Capital Cost**	**380.84**	**1435.16**	**1463.07**	**1463.07**	**1489.36**	**45151.58**	**50441.82**	**63288.05**

(Petitioner)

PART-I
FORM- 1(IIA)

	Name of the Petitioner:	**NTPC Limited**
	Name of the Generating Station:	**NCTPS Dadri Stage-II (ECS)**

Statement showing Return on Equity

Amount in Rs. Lakhs

S. No.	Particulars	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (01.04.2022 to 14.06.2022)	2022-23 (15.06.2022 to 31.03.2023)	2023-24 (01.04.2023 to 07.02.2024)	2023-24 (08.02.2024-31.03.2024)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Return on Equity								
1	Gross Opening Equity (Normal)	-	422.18	438.92	438.92	438.92	12,838.79	14,252.16	18,985.19
2	Less: Adjustment in Opening Equity								
3	Adjustment during the year								
4	Net Opening Equity (Normal)	-	422.18	438.92	438.92	438.92	12,838.79	14,252.16	18,985.19
5	Add: Increase in equity due to addition during the year / period	-	-	-	-	-	65.83	39.72	-
7	Less: Decrease due to De-capitalisation during the year / period	-	-	-	-	-	-	-	-
8	Less: Decrease due to reversal during the year / period	-	-	-	-	-	-	-	-
9	Add: Increase due to discharges during the year / period	228.51	16.74	-	-	15.77	1,347.54	1,721.06	2.45
10	Net closing Equity (Normal)	228.51	438.92	438.92	438.92	454.70	14,252.16	16,012.93	18,987.64
11	Average Equity (Normal)	114.25	430.55	438.92	438.92	446.81	13,545.47	15,132.55	18,986.42
12	Rate of ROE (%)	14.601%	14.601%	14.601%	14.601%	14.601%	12.723%	12.723%	14.541%
13	Total ROE	**16.68**	**62.86**	**64.09**	**64.09**	**65.24**	**1,723.39**	**1,925.31**	**2,760.72**

(Petitioner)

PART-I
FORM-2

Name of the Company	**NTPC LIMITED**
Name of the Power Station	**NCPS - DADRI-II**
ECS Characteristics	
Name of the Petitioner	**NTPC LIMITED**
Name of the Generating Station	National Capital Power Station
Unit(s)/Block(s)/Parameters	Stage-II(2x490MW)
Installed Capacity (MW)-Coal Based	1820 MW Stage-I(4x210 MW) +Stage-II(2x490 MW)
Schedule COD as per Investment Approval	Unit-5: 30.09.2019, Unit-6: 01.01.2020
Actual COD	Unit-5: 15.06.2022,Unit-6: 08.02.2024
Type of System	Flue Gas Desulfurization System (FGD)
Name of the FGD Manufacturer	BHEL
Name of CM Manufacturer	GE
Design Flue Gas Quantity at WFGD inlet	982 m3/sec
Design Flue Gas Quantity at WFGD outlet	809 m3/sec
Design Coal Sulphur Content	0.49%
Design Sox At Inlet	1957 mg/Nm3 (w)
Design Sox at Outlet	100 mg/Nm3 (d)
Design FGD Effeciency	95.06
Reagent Details	
-Primary Fuel	Limestone
Secondary	--
Alternate	--
Special Technological Features	MHPS ,Japan is the technology collaborator of BHEL for the FGD System . MHPS double contact flow scrubber with single tower has been installed at Dadri.
Any other special features	Wet Chimney without Gas to Gas Heater
Nox Control (Combustion Modification System)	NTPC , Dadri Stage-II(2x490MW) units were commissioned in the year 2010 and units are under operation. These Boilers were designed for NOx level of 260gm/GJ(approx. 750 mg/Nm3). To reduce the NOX level, Combustion modification was undertaken in both the units of Dadri Stage-II in the year 2019 . GE Power carried out the design & execution of low NOX concentric firing system (LNCFS) with Separated Over Fire Air (SOFA) dampers . This system allows the plant to comply less than the 400mg/Nm3 @6% O2 dry basis at ID Fan outlet. The NOX level is generally met by varying the firing zone stoichiometry (FZS), how and when the air is introduced local to the coal burners. This lowers the firing temperature while maintaining fireball stability. The various arrangements used in GE firings systems are designed to stage the combustion air in different amounts to achieve the lowest Furnace NOx possible. NOx reduction is achieved by operating the firing zone under sub- stoichiometric firing conditions by reducing Oxygen concentration in the active firing zone. This is accomplished by introducing a portion of the combustion air higher in the furnace through a separated over fire air (SOFA) window. Percentage of SOFA shall be in the range of 20% to 25% total air and based on the coal quality and NOX turn down requirement . A significant portion of the combustion air will be introduced through the SOFA registers, and the rest of the air shall be used for main wind box as secondary air. The primary air required for transport of fuel from Mill to furnace shall be same as existing condition .

(Petitioner)

PART-I
FORM- 3

Normative parameters considered for supplementary tariff computations

Name of the Petitioner:	**NTPC Limited**
Name of the Generating Station:	**NCTPS Dadri Stage-II (ECS)**

(Year Ending March)

Particulars	**Unit**	**Existing 2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**2023-24**
(1)	**(2)**	**(3)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**
Base Rate of Return on Equity	%	NA	12.05	12.05	12.05	10.50	12.00
Effective Tax Rate	%		17.472	17.472	17.472	17.472	17.472
Rate of ROE	%		14.601	14.601	14.601	12.723	14.541
Target Availability			85.00%				
In High Demand Season				85.00%	85.00%	85.00%	85.00%
Peak Hours				85.00%	85.00%	85.00%	85.00%
Off-Peak Hours				85.00%	85.00%	85.00%	85.00%
In Low Demand Season(Off-Peak)				85.00%	85.00%	85.00%	85.00%
Peak Hours				85.00%	85.00%	85.00%	85.00%
Off-Peak Hours				85.00%	85.00%	85.00%	85.00%
Auxiliary Energy Consumption	%		5.75	5.75	5.75	5.75	5.75
Auxiliary Energy Consumption for emission control system (Design)	%		-	-	-	1.00	1.00
Rate of Interest on Working Capital	%		12.05	11.25	10.50	10.50	12.00
O&M Expenses	% of Capital Cost		2				
Maintenance Spares for WC	% of O&M		20				
Receivables for WC	in Days		45				

Units	CM	FGD Date of Operation (ODe)
Unit-I	06.04.2019	15-06-2022
Unit-II	06.10.2019	08-02-2024

(Petitioner)

Part-I
FORM-3A
ADDITIONAL FORM

Calculation of O&M Expenses

Name of the Company :	**NTPC Limited**
Name of the Power Station :	**NCTPS Dadri Stage-II (ECS)**

Amount in Rs. Lakhs

S.No.	Particulars	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (01.04.2022 to 14.06.2022)	2022-23 (15.06.2022 to 31.03.2023)	2023-24 (01.04.2023 to 07.02.2024)	2023-24 (08.02.2024- 31.03.2024)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	**O&M expenses under Reg.35(1)(7)**								
1a	Normative O&M expenses- ECS	15.23	30.47	31.53	32.64	33.78	1007.26	1042.51	1231.43
2	**O&M expenses under Reg.35(6)**								
3	**Total O&M Expenses**	**15.23**	**30.47**	**31.53**	**32.64**	**33.78**	**1007.26**	**1042.51**	**1231.43**
4	**Revenue Realised from Sale of Gypsum**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**610.60**	**723.49**	**209.32**
5	**Net O&M Expence**	**15.23**	**30.47**	**31.53**	**32.64**	**33.78**	**396.66**	**319.02**	**1022.11**

(Petitioner)

PART-I
FORM- 6

Financial Package upto COD

Name of the Company	**NTPC Ltd**
Name of the Power Station	**NCTPS Dadri-II (ECS)**
Project Cost as on COD	
Debt : Equity Ratio	**70:30**

(Rs. In lakhs)

Sl. No.	Particulars	Financial Package as Approved		Financial Package as on U#2 FGD Capitalisation	
		Currency	Amount	Currency	Amount
1	JPY Equ. 750 Million I Drawl (Repayment -15.05.2026)			JPY	2,902.72
2	JPY Equ. 750 Million II Drawl (Repayment- 15.05.2026)			JPY	338.27
3	JPY Equ. 750 Million IV Drawl (Repayment -15.05.2026)			JPY	181.61
4	JPY Equ. 750 Million V Drawl (Repayment -15.05.2026)			JPY	146.24
5	JPY Equ. 750 Million VI Drawl (Repayment -15.05.2026)			JPY	659.75
6	EURO Loan I			EUR	982.46
7	JBIC Green I (Repayment - 17.09.2023)			JPY	3,966.27
8	USD 750M			USD	415.78
9	AXIS BANK-II (Full Loan repaid on 29.3.2023)			INR	2,400.00
10	AXIS BANK-IV (Repayment - 29.03.2024)			INR	2,400.00
11	HDFC Bank Limited-VI (Repayment - 26.09.2025)			INR	4,000.00
12	HDFC Bank Limited-VII (Repayment 11.06.2026)			INR	1,000.00
13	State Bank of India-XII (Repayment 31.03.2026)			INR	2,900.00
14	Bonds 69 (Bullet Repayment 17.07.2029)			INR	6,500.00
15	Bonds 75 (Bullet repayment 13.09.2031)			INR	5,600.00
	Total				**34,393.11**
	Cummulative Repayment				**2,558.65**
	Net Laon				**31,834.46**

(Petitioner)

PART-I
FORM- 9A
Additional Form

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS Dadri Stage-II (ECS)**
For Financial Year	**2019-24 (Summary)**

Amount in Rs Lakh

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)							
		2019-20 (06.04.2019 to 05.10.2019)	**2019-20 (06.10.2019 to 31.03.2020)**	**2020-21**	**2021-22**	**2022-23 (01.04.2022 to 14.06.2022)**	**2022-23 (15.06.2022 to 31.03.2023)**	**2023-24 (01.04.2023 to 07.02.2024)**	**2023-24 (08.02.2024-31.03.2024)**
(1)	**(2)**	**(3)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**	**(9)**	**(10)**
1	Wet FGD System	-	-		-	-	219.42	128.36	-
2	Combustion Modification System	-	-	-				4.03	-
Total Add Cap		**-**	**-**	**-**	**-**	**-**	**219.42**	**132.39**	**-**
3	Discharge of Liabilities	761.68	55.81		-	52.58	4,491.81	5,736.86	8.17
Total Add. Cap. Claimed including discharge of liabilities		**761.68**	**55.81**	**-**	**-**	**52.58**	**4,711.23**	**5,869.25**	**8.17**

(Petitioner)

PART-I
FORM- 9

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS Dadri Stage-II (ECS)**
For Financial Year	**2019-20 (07.04.2019 to 05.10.2019)**

Amount in Lakhs

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
1	**Discharge of liabilities**			761.68		29(5),24(1)(a)	Discharge of liabilities of allowed/ claimed works, Details in Form-S i.e. Liability Flow Statement. Hon'ble Commission may be pleased to allow the same.	
	Total	**-**	**-**	**761.68**	**-**			

(Petitioner)

PART-I
FORM- 9

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS Dadri Stage-II (ECS)**
For Financial Year	**2019-20 (07.10.2019 to 31.03.2020)**

Amount in Lakh

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
1	**Discharge of liabilities**			55.81		29(5),24(1)(a)	Discharge of liabilities of allowed/ claimed works, Details in Form-S i.e. Liability Flow Statement. Hon'ble Commission may be pleased to allow the same.	
	Total	**-**	**-**	**55.81**	**-**			

(Petitioner)

PART-I
FORM- 9

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner				**NTPC Limited**				
Name of the Generating Station				**NCTPS Dadri Stage-II (ECS)**				
For Financial Year				**2020-21**				
								Amount in Lakhs
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
NA								

(Petitioner)

PART-I
FORM- 9

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS Dadri Stage-II (ECS)**
For Financial Year	**2021-22**

Amount in Lakhs

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
				NA				

(Petitioner)

PART-I
FORM- 9

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS Dadri Stage-II (ECS)**
For Financial Year	**2022-23 (01.04.2022 to 14.06.2022)**

Amount in Lakhs

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
1	**Discharge of liabilities**			52.58		29(5),24(1)(a)	Discharge of liabilities of allowed/ claimed works, Details in Form-S i.e. Liability Flow Statement. Hon'ble Commission may be pleased to allow the same.	
	Total	**-**	**-**	**52.58**	**-**			

(Petitioner)

PART-I
FORM- 9

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner				**NTPC Limited**				
Name of the Generating Station				**NCTPS Dadri Stage-II (ECS)**				
For Financial Year				**2022-23 (16.06.2022 to 31.03.2023)**				
								Amount in Lakhs
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
1	FGD System	367.26	147.85	219.42		24(1)(b)	Works within original scope of works and upto cut-off date	
2	**Discharge of liabilities**			4,491.81		29(5),24(1)(a)	Discharge of liabilities of allowed/ claimed works, Details in Form-S i.e. Liability Flow Statement. Hon'ble Commission may be pleased to allow the same.	
	Total	**367.26**	**147.85**	**4,711.23**	**-**			

(Petitioner)

PART-I
FORM- 9

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS Dadri Stage-II (ECS)**
For Financial Year	**2023-24 (01.04.2023 to 07.02.2024)**

Amount in Lakhs

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
1	FGD System	449.92	321.56	128.36		24(1)(b)	Works within original scope of works and upto cut-off date	
2	CM System	4.03	-	4.03		24(1)(b)	Works within original scope of works and upto cut-off date	
3	**Discharge of liabilities**			5,736.86		29(5),24(1)(a)	Discharge of liabilities of allowed/ claimed works, Details in Form-S i.e. Liability Flow Statement. Hon'ble Commission may be pleased to allow the same.	
	Total	**453.95**	**321.56**	**5,869.25**	**-**			

(Petitioner)

PART-I
FORM- 9

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS Dadri Stage-II (ECS)**
For Financial Year	**2023-24 (08.02.2024 to 31.03.2024)**

Amount in Lakhs

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
1	FGD System	31.78	31.78	-		24(1)(b)	Works within original scope of works and upto cut-off date	
2	**Discharge of liabilities**			8.17		29(5),24(1)(a)	Discharge of liabilities of allowed/ claimed works, Details in Form-S i.e. Liability Flow Statement. Hon'ble Commission may be pleased to allow the same.	
	Total	**31.78**	**31.78**	**8.17**				

(Petitioner)

PART-I
FORM- 10

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS Dadri Stage-II (ECS)**

Amount in Rs Lakh

Financial Year (Starting from COD)1	Actual					Admitted				
	2019-20	**2020-21**	**2021-22**	**2022-23**	**2023-24**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**2023-24**
1		3	4	5	6	7	8	9	10	11
Amount capitalised in Work/ Equipment										
Financing Details	**Add cap is proposed to be finance in Debt:Equity ratio of 70:30**									
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan2										
Equity Internal Resources										
Others (Pl. specify)										
Total										

Note:

(Petitioner)

PART-I
FORM- 11

Calculation of Depreciation

Name of the Company : **NTPC Limited**

Name of the Power Station : **NCTPS Dadri Stage-II (ECS)**

(Amount in Rs Lakh)

Sl.No.	Name of the Assets	Gross Block as on date of Operationalization of CM in Unit I (i.e. 06.04.2019)	Gross Block as on date of Operationalization of CM in Unit I (i.e. 06.10.2019)	Gross Block as on date of Operationalization of ECS in Unit I (i.e. 15.06.2022)	Gross Block as on date of Operationalization of ECS in Unit-II (i.e. 08.02.2024)	CERC Dep. Rate	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (01.04.2022 to 14.06.2022)	2022-23 (15.06.2022 to 31.03.2023)	2023-24 (01.04.2023 to 07.02.2024)	2023-24 (08.02.2024-31.03.2024)
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**
1	Plant & Machinery	761.68	2,285.05	44,272.19	54,215.67	5.28%	40.22	120.65	120.65	120.65	120.65	2,337.57	2,337.57	2,862.59
2	Buildings			10,403.23	10,446.04	3.34%	-	-	-	-	-	347.47	347.47	348.90
3	Roads			42.65	47.58	3.34%	-	-	-	-	-	1.42	1.42	1.59
4	Others-Drain			22.97	26.96	3.34%	-	-	-	-	-	0.77	0.77	0.90
	TOTAL	**761.68**	**2,285.05**	**54,741.04**	**64,736.25**		40.22	120.65	120.65	120.65	120.65	2,687.23	2,687.23	3,213.97
	Weighted Average Rate of Depreciation (%)						**5.28%**	**5.28%**	**5.28%**	**5.28%**	**5.28%**	**4.91%**	**4.91%**	**4.96%**

(Petitioner)

PART-I
FORM- 12

Statement of Depreciation

Name of the Company :	**NTPC Limited**
Name of the Power Station :	**NCTPS Dadri Stage-II (ECS)**

(Amount in Rs Lakh)

S. No.	Particulars	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (01.04.2022 to 14.06.2022)	2022-23 (15.06.2022 to 31.03.2023)	2023-24 (01.04.2023 to 07.02.2024)	2023-24 (08.02.2024-31.03.2024)
1	2	4	5	6	7	8	9	10	11
	No of Days in the period	183	178	365	365	75	290	313	53
	No of Days in the year	366	366	365	365	365	365	366	366
1	Opening Capital Cost	-	1,407.26	1,463.07	1,463.07	1,463.07	42,795.96	47,507.19	63,283.97
2	Closing Capital Cost	761.68	1,463.07	1,463.07	1,463.07	1,515.65	47,507.19	53,376.44	63,292.14
3	Average Capital Cost	380.84	1,435.16	1,463.07	1,463.07	1,489.36	45,151.58	50,441.82	63,288.05
1a	Cost of IT Equipments & Software included in (1) above								
2a	Cost of IT Equipments & Software included in (2) above								
3a	Average Cost of IT Equipments & Software*								
4	Freehold land								
5	Rate of depreciation (%)	5.28%	5.28%	5.28%	5.28%	5.28%	4.91%	4.91%	4.96%
6	Depreciable value	342.76	1,291.65	1,316.76	1,316.76	1,340.42	40,636.42	45,397.64	56,959.25
7.	Balance useful life at the beginning of the period							25.00	24.86
8	Remaining depreciable value	342.76	1,281.59	1,269.86	1,192.61	1,139.02	40,418.86		54,980.64
9	Depreciation (for the period)	10.05	36.85	77.25	77.25	16.16	1,761.04	2,117.61	455.00
10	Depreciation (annualised)	20.11	75.78	77.25	77.25	78.64	2,216.49	2,476.18	3,142.08
11	Cumulative depreciation at the end of the period	10.05	46.91	124.16	201.41	217.57	1,978.61	4,096.22	4,551.22
12	Net Cumulative depreciation at the end of the period after adjustments	10.05	46.91	124.16	201.41	217.57	1,978.61	4,096.22	4,551.22

(Petitioner)

Name of the Company	NTPC LTD.	PART-I
Name of the Power Station	NCTPS Dadri-II (ECS)	FORM- 13

(Amount in lacs)

Sl. no.	Particulars	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (upto U#1 FGD Capitalisation)	2022-23 (from U#1 FGD Capitalisation to 31.03.2023)	2023-24 (upto U#2 FGD Capitalisation)	2023-24 (from U#2 FGD Capitalisation to 31.03.2024)
1									
	Gross loan - Opening	0.00	0.00	2902.72	2902.72	2902.72	2902.72	2902.72	2902.72
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	2902.72	2902.72	2902.72	2902.72	2902.72	2902.72
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	2902.72	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	2902.72	2902.72	2902.72	2902.72	2902.72	2902.72	2902.72
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	2902.72	2902.72	2902.72	2902.72	2902.72	2902.72	2902.72
	Average Net Loan	0.00	1451.36	2902.72	2902.72	2902.72	2902.72	2902.72	2902.72
	Rate of Interest on Loan	0.0000%	0.8953%	0.8953%	0.8933%	0.8831%	0.8831%	0.8855%	0.8855%
	Interest on Loan Annualised	0.00	12.99	25.99	25.93	25.63	25.63	25.70	25.70
2									
	Gross loan - Opening	0.00	0.00	0.00	338.27	338.27	338.27	338.27	338.27
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	338.27	338.27	338.27	338.27	338.27
	Increase/ Decrease due to FERV	0.00	0.00	0	0	0	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period	0	0	338.27	0	0	0	0	0
	Total	0.00	0.00	338.27	338.27	338.27	338.27	338.27	338.27
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	338.27	338.27	338.27	338.27	338.27	338.27
	Average Net Loan	0.00	0.00	169.13	338.27	338.27	338.27	338.27	338.27
	Rate of Interest on Loan	0.0000%	0.8953%	0.8953%	0.8933%	0.8831%	0.8831%	0.8855%	0.8855%
	Interest on Loan Annualised	0.00	0.00	1.51	3.02	2.99	2.99	3.00	3.00
3									
	Gross loan - Opening	0.00	0.00	0.00	181.61	181.61	181.61	181.61	181.61
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	181.61	181.61	181.61	181.61	181.61
	Increase/ Decrease due to FERV	0.00	0.00	0	0	0	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period	0	0	181.61	0	0	0	0	0
	Total	0.00	0.00	181.61	181.61	181.61	181.61	181.61	181.61
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	181.61	181.61	181.61	181.61	181.61	181.61
	Average Net Loan	0.00	0.00	90.81	181.61	181.61	181.61	181.61	181.61

Sl. no.	Particulars	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (upto U#1 FGD Capitalisation)	2022-23 (from U#1 FGD Capitalisation to 31.03.2023)	2023-24 (upto U#2 FGD Capitalisation)	2023-24 (from U#2 FGD Capitalisation to 31.03.2024)
	Rate of Interest on Loan	0.0000%	0.8953%	0.8953%	0.8933%	0.8831%	0.8831%	0.8855%	0.8855%
	Interest on Loan Annualised	0.00	0.00	0.81	1.62	1.60	1.60	1.61	1.61
4									
	Gross loan - Opening	0.00	0.00	0.00	146.24	146.24	146.24	146.24	146.24
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	146.24	146.24	146.24	146.24	146.24
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0	0	146.24	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	146.24	146.24	146.24	146.24	146.24	146.24
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	146.24	146.24	146.24	146.24	146.24	146.24
	Average Net Loan	0.00	0.00	73.12	146.24	146.24	146.24	146.24	146.24
	Rate of Interest on Loan	0.0000%	0.8669%	0.8669%	0.8649%	0.8550%	0.8550%	0.8573%	0.8573%
	Interest on Loan Annualised	0.00	0.00	0.63	1.26	1.25	1.25	1.25	1.25
5									
	Gross loan - Opening	0.00	0.00	0.00	659.75	659.75	659.75	659.75	659.75
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	659.75	659.75	659.75	659.75	659.75
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0	0	659.75	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	659.75	659.75	659.75	659.75	659.75	659.75
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	659.75	659.75	659.75	659.75	659.75	659.75
	Average Net Loan	0.00	0.00	329.87	659.75	659.75	659.75	659.75	659.75
	Rate of Interest on Loan	0.0000%	0.8669%	0.8669%	0.8649%	0.8550%	0.8550%	0.8573%	0.8573%
	Interest on Loan Annualised	0.00	0.00	2.86	5.71	5.64	5.64	5.66	5.66
7									
	Gross loan - Opening	0.00	0.00	0.00	0.00	982.46	982.46	982.46	982.46
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	982.46	982.46	982.46	982.46
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	982.46	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	982.46	982.46	982.46	982.46	982.46
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	982.46	982.46	982.46	982.46	982.46
	Average Net Loan	0.00	0.00	0.00	491.23	982.46	982.46	982.46	982.46
	Rate of Interest on Loan	0.0000%	0.0000%	0.0000%	0.9798%	0.9632%	1.9390%	2.3245%	2.4143%
	Interest on Loan Annualised	0.00	0.00	0.00	4.81	9.46	19.05	22.84	23.72

Sl. no.	Particulars	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (upto U#1 FGD Capitalisation)	2022-23 (from U#1 FGD Capitalisation to 31.03.2023)	2023-24 (upto U#2 FGD Capitalisation)	2023-24 (from U#2 FGD Capitalisation to 31.03.2024)
8									
	Gross loan - Opening	0.00	0.00	0.00	3361.57	3892.61	3966.27	3966.27	3966.27
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	158.65
	Net loan - Opening	0.00	0.00	0.00	3361.57	3892.61	3966.27	3966.27	3807.62
	Increase/ Decrease due to FERV	0.00	0.00	3361.57	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	531.04	73.67	0.00	0.00	0.00
	Total	0.00	0.00	3361.57	3892.61	3966.27	3966.27	3966.27	3807.62
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	158.65	0.00
	Net loan - Closing	0.00	0.00	3361.57	3892.61	3966.27	3966.27	3807.62	3807.62
	Average Net Loan	0.00	0.00	1680.78	3627.09	3929.44	3966.27	3886.95	3807.62
	Rate of Interest on Loan	0.0000%	0.0000%	0.9328%	0.9374%	0.9644%	0.9386%	0.9379%	0.9518%
	Interest on Loan Annualised	0.00	0.00	15.68	34.00	37.89	37.23	36.45	36.24
8									
	Gross loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	415.78	415.78
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	415.78	415.78
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	415.78	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	415.78	415.78	415.78
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.63
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	415.78	415.78	399.15
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	207.89	415.78	407.46
	Rate of Interest on Loan	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	2.5693%	3.2198%	3.4205%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	5.34	13.39	13.94
9									
	Gross loan - Opening	0.00	2400.00	2400.00	2400.00	2400.00	2400.00	2400.00	2400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	2400.00	2400.00
	Net loan - Opening	0.00	2400.00	**2400.0000**	2400.00	2400.00	2400.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0	0	0	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period	2400.00	0	0	0	0	0	0	0
	Total	2400.00	2400.00	2400.00	2400.00	2400.00	2400.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	2400.00	0.00	0.00
	Net loan - Closing	2400.00	2400.00	2400.00	2400.00	2400.00	0.00	0.00	0.00
	Average Net Loan	1200.00	2400.00	2400.00	2400.00	2400.00	1200.00	0.00	0.00
	Rate of Interest on Loan	7.9592%	7.9592%	6.7089%	6.6500%	6.6620%	7.6922%	8.3000%	8.3000%
	Interest on Loan Annualised	95.51	191.02	161.01	159.60	159.89	92.31	0.00	0.00
9									
	Gross loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	2400.00	2400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	**0.0000**	0.00	0.00	0.00	2400.00	2400.00

Sl. no.	Particulars	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (upto U#1 FGD Capitalisation)	2022-23 (from U#1 FGD Capitalisation to 31.03.2023)	2023-24 (upto U#2 FGD Capitalisation)	2023-24 (from U#2 FGD Capitalisation to 31.03.2024)
	Increase/ Decrease due to FERV	0.00	0.00	0	0	0	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0	0	0	0	2400.00	0	0
	Total	0.00	0.00	0.00	0.00	0.00	2400.00	2400.00	2400.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	240.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	2400.00	2400.00	2160.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	1200.00	2400.00	2280.00
	Rate of Interest on Loan	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	6.3982%	8.0000%	8.0000%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	76.78	192.00	182.40
10									
	Gross loan - Opening	0.00	0.00	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	4000.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00
	Average Net Loan	0.00	2000.00	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00
	Rate of Interest on Loan	7.5819%	7.5819%	6.3982%	5.9500%	6.0673%	7.5350%	7.9663%	7.9500%
	Interest on Loan Annualised	0.00	151.64	255.93	238.00	242.69	301.40	318.65	318.00
11									
	Gross loan - Opening	0.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	1000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
	Average Net Loan	500.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
	Rate of Interest on Loan	7.9467%	7.9467%	6.3982%	5.9500%	6.0673%	7.5350%	7.9663%	7.9500%
	Interest on Loan Annualised	39.73	79.47	63.98	59.50	60.67	75.35	79.66	79.50
12									
	Gross loan - Opening	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Sl. no.	Particulars	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (upto U#1 FGD Capitalisation)	2022-23 (from U#1 FGD Capitalisation to 31.03.2023)	2023-24 (upto U#2 FGD Capitalisation)	2023-24 (from U#2 FGD Capitalisation to 31.03.2024)
	Total	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00
	Average Net Loan	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00
	Rate of Interest on Loan	8.0168%	8.0168%	6.8034%	6.6500%	6.6500%	7.3714%	8.1025%	8.1500%
	Interest on Loan Annualised	232.49	232.49	197.30	192.85	192.85	213.77	234.97	236.35
19									
	Gross loan - Opening	0.00	6500.00	6500.00	6500.00	6500.00	6500.00	6500.00	6500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	6500.00	6500.00	6500.00	6500.00	6500.00	6500.00	6500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	6500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	6500.00	6500.00	6500.00	6500.00	6500.00	6500.00	6500.00	6500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	6500.00	6500.00	6500.00	6500.00	6500.00	6500.00	6500.00	6500.00
	Average Net Loan	3250.00	6500.00	6500.00	6500.00	6500.00	6500.00	6500.00	6500.00
	Rate of Interest on Loan	7.3500%	7.3500%	7.3500%	7.3500%	7.3500%	7.3500%	7.3500%	7.3500%
	Interest on Loan Annualised	238.88	477.75	477.75	477.75	477.75	477.75	477.75	477.75
20									
	Gross loan - Opening	0.00	0.00	0.00	0.00	5600.00	5600.00	5600.00	5600.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	5600.00	5600.00	5600.00	5600.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	5600.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	5600.00	5600.00	5600.00	5600.00	5600.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	5600.00	5600.00	5600.00	5600.00	5600.00
	Average Net Loan	0.00	0.00	0.00	2800.00	5600.00	5600.00	5600.00	5600.00
	Rate of Interest on Loan	0.0000%	0.0000%	0.0000%	6.7200%	6.7200%	6.7200%	6.7200%	6.7200%
	Interest on Loan Annualised	0.00	0.00	0.00	188.16	376.32	376.32	376.32	376.32
	TOTAL LOAN								
	Gross loan - Opening	2900.00	12800.00	19702.72	24390.16	31503.66	31577.33	34393.11	34393.11
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	2400.00	2558.65
	Net loan - Opening	2900.00	12800.00	19702.72	24390.16	31503.66	31577.33	31993.11	31834.46
	Increase/ Decrease due to FERV	0.00	0.00	3361.57	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	9900.00	6902.72	1325.87	7113.50	73.67	2815.78	0.00	0.00
	Total	12800.00	19702.72	24390.16	31503.66	31577.33	34393.11	31993.11	31834.46
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	2400.00	158.65	256.63
	Net loan - Closing	12800.00	19702.72	24390.16	31503.66	31577.33	31993.11	31834.46	31577.83

Sl. no.	Particulars	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (upto U#1 FGD Capitalisation)	2022-23 (from U#1 FGD Capitalisation to 31.03.2023)	2023-24 (upto U#2 FGD Capitalisation)	2023-24 (from U#2 FGD Capitalisation to 31.03.2024)
	Average Net Loan	7850.00	16251.36	22046.44	27946.91	31540.50	31785.22	31913.78	31706.14
	Rate of Interest on Loan	7.727%	7.048%	5.459%	4.982%	5.056%	5.387%	5.607%	5.619%
	Interest on Loan Annualised	606.61	1145.36	1203.46	1392.22	1594.65	1712.41	1789.25	1781.43
	Note: In case of foreign loans, opening loan balance considered at folowing exchange rate								
	Exchange rate for EURO= INR 90.15								
	Exchange rate for JPY= INR 0.5572								
	Exchange rate for USD= INR 83.90								
	Gross loan - Opening	0.00	0.00	0.00	0.00	826.03	826.03	826.03	826.03
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	826.03	826.03	826.03	826.03
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	826.03	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	826.03	826.03	826.03	826.03	826.03
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	826.03	826.03	826.03	826.03	826.03
	Average Net Loan	0.00	0.00	0.00	413.02	826.03	826.03	826.03	826.03
	Rate of Interest on Loan	0.00%	0.00%	0.00%	0.980%	0.963%	1.939%	1.939%	1.939%
	Interest on Loan Annualised	0.00	0.00	0.00	4.05	7.96	16.02	16.02	16.02
	Gross loan - Opening	0.00	0.00	0.00	0.00	156.43	156.43	156.43	156.43
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	156.43	156.43	156.43	156.43
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	156.43	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	156.43	156.43	156.43	156.43	156.43
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	156.43	156.43	156.43	156.43	156.43
	Average Net Loan	0.00	0.00	0.00	78.22	156.43	156.43	156.43	156.43
	Rate of Interest on Loan	0.000%	0.000%	0.000%	0.9798%	0.963%	1.939%	4.360%	4.924%
	Interest on Loan Annualised	0.00	0.00	0.00	0.77	1.51	3.03	6.82	7.70
	Gross loan - Opening	0.00	0.00	0.00	0.00	982.46	982.46	982.46	982.46
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	982.46	982.46	982.46	982.46
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	982.46	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	982.46	982.46	982.46	982.46	982.46
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	982.46	982.46	982.46	982.46	982.46
	Average Net Loan	0.00	0.00	0.00	491.23	982.46	982.46	982.46	982.46
	Rate of Interest on Loan	0.000%	0.000%	0.000%	0.980%	0.963%	1.939%	2.324%	2.414%
	Interest on Loan Annualised	0.00	0.00	0.00	4.81	9.46	19.05	22.84	23.72

Sl. no.	Particulars	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (upto U#1 FGD Capitalisation)	2022-23 (from U#1 FGD Capitalisation to 31.03.2023)	2023-24 (upto U#2 FGD Capitalisation)	2023-24 (from U#2 FGD Capitalisation to 31.03.2024)
	Gross loan - Opening	0.00	0.00	0.00	3361.57	3361.57	3361.57	3361.57	3361.57
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	134.46
	Net loan - Opening	0.00	0.00	0.00	3361.57	3361.57	3361.57	3361.57	3227.10
	Increase/ Decrease due to FERV	0.00	0.00	3361.57	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	3361.57	3361.57	3361.57	3361.57	3361.57	3227.10
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	134.46	0.00
	Net loan - Closing	0.00	0.00	3361.57	3361.57	3361.57	3361.57	3227.10	3227.10
	Average Net Loan	0.00	0.00	1680.78	3361.57	3361.57	3361.57	3294.34	3227.10
	Rate of Interest on Loan	0.000%	0.000%	0.933%	0.935%	0.974%	0.956%	0.956%	0.970%
	Interest on Loan Annualised	0.00	0.00	15.68	31.43	32.72	32.15	31.48	31.30
	Gross loan - Opening	0.00	0.00	0.00	0.00	77.75	77.75	77.75	77.75
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.11
	Net loan - Opening	0.00	0.00	0.00	0.00	77.75	77.75	77.75	74.64
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	77.75	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	77.75	77.75	77.75	77.75	74.64
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	3.11	0.00
	Net loan - Closing	0.00	0.00	0.00	77.75	77.75	77.75	74.64	74.64
	Average Net Loan	0.00	0.00	0.00	38.88	77.75	77.75	76.20	74.64
	Rate of Interest on Loan	0.000%	0.000%	0.000%	0.937%	0.974%	0.956%	0.956%	0.970%
	Interest on Loan Annualised	0.00	0.00	0.00	0.36	0.76	0.74	0.73	0.72
	Gross loan - Opening	0.00	0.00	0.00	0.00	453.29	453.29	453.29	453.29
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.13
	Net loan - Opening	0.00	0.00	0.00	0.00	453.29	453.29	453.29	435.15
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	453.29	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	453.29	453.29	453.29	453.29	435.15
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	18.13	0.00
	Net loan - Closing	0.00	0.00	0.00	453.29	453.29	453.29	435.15	435.15
	Average Net Loan	0.00	0.00	0.00	226.64	453.29	453.29	444.22	435.15
	Rate of Interest on Loan	0.000%	0.000%	0.000%	0.975%	0.974%	0.956%	0.956%	0.970%
	Interest on Loan Annualised	0.00	0.00	0.00	2.21	4.41	4.34	4.24	4.22
	Gross loan - Opening	0.00	0.00	0.00	0.00	0.00	73.67	73.67	73.67
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.95
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	73.67	73.67	70.72
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	73.67	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	73.67	73.67	73.67	70.72

Sl. no.	Particulars	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (upto U#1 FGD Capitalisation)	2022-23 (from U#1 FGD Capitalisation to 31.03.2023)	2023-24 (upto U#2 FGD Capitalisation)	2023-24 (from U#2 FGD Capitalisation to 31.03.2024)
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	2.95	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	73.67	73.67	70.72	70.72
	Average Net Loan	0.00	0.00	0.00	0.00	36.83	73.67	72.19	70.72
	Rate of Interest on Loan	0.000%	0.000%	0.000%	0.000%	0.972%	0.955%	0.956%	0.970%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.36	0.70	0.69	0.69
	Gross loan - Opening	0.00	0.00	0.00	3361.57	3892.61	3966.27	3966.27	3966.27
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	158.65
	Net loan - Opening	0.00	0.00	0.00	3361.57	3892.61	3966.27	3966.27	3807.62
	Increase/ Decrease due to FERV	0.00	0.00	3361.57	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	531.04	73.67	0.00	0.00	0.00
	Total	0.00	0.00	3361.57	3892.61	3966.27	3966.27	3966.27	3807.62
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	158.65	0.00
	Net loan - Closing	0.00	0.00	3361.57	3892.61	3966.27	3966.27	3807.62	3807.62
	Average Net Loan	0.00	0.00	1680.78	3627.09	3929.44	3966.27	3886.95	3807.62
	Rate of Interest on Loan	0.000%	0.000%	0.933%	0.937%	0.964%	0.939%	0.938%	0.952%
	Interest on Loan Annualised	0.00	0.00	15.68	34.00	37.89	37.23	36.45	36.24
	Gross loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	210.08	210.08
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	210.08	210.08
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	210.08	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	210.08	210.08	210.08
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.40
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	210.08	210.08	201.68
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	105.04	210.08	205.88
	Rate of Interest on Loan	0.000%	0.000%	0.933%	0.000%	0.000%	5.085%	6.372%	6.770%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	5.34	13.39	13.94
	Gross loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	205.70	205.70
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	205.70	205.70
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	205.70	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	205.70	205.70	205.70
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.23
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	205.70	205.70	197.47
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	102.85	205.70	201.58
	Rate of Interest on Loan	0.000%	0.000%	0.933%	0.000%	0.000%	5.558%	6.372%	6.770%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	5.72	13.11	13.65
	Gross loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	415.78	415.78

Sl. no.	Particulars	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (upto U#1 FGD Capitalisation)	2022-23 (from U#1 FGD Capitalisation to 31.03.2023)	2023-24 (upto U#2 FGD Capitalisation)	2023-24 (from U#2 FGD Capitalisation to 31.03.2024)
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	415.78	415.78
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	415.78	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	415.78	415.78	415.78
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.63
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	415.78	415.78	399.15
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	207.89	415.78	407.46
	Rate of Interest on Loan	0.000%	0.000%	0.000%	0.000%	0.000%	5.319%	6.372%	6.770%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	11.06	26.50	27.58

(Petitioner)

Interest Rate History				
Name of the Company			**NTPC LTD**	
Name of the Power Station			**Dadri -II FGD**	
Name of the Bank	**Drawl Amount**	**Drawl Date**	**Interest Details**	
			w.e.f.	**ROI**
AXIS BANK-II	24,00,00,000.00	11-07-2019	11-07-2019	8.30%
			11-Aug-19	8.25%
			11-Sep-19	8.20%
			11-Oct-19	8.10%
			11-Nov-19	8.00%
			11-Dec-19	7.90%
			11-Jan-20	7.80%
			30-Jan-20	7.60%
			26-Feb-20	7.4500%
			26-Apr-20	6.7000%
			26-May-20	6.3000%
			28-May-22	6.70%
			28-Jun-22	7.20%
			28-Aug-22	7.70%
			28-Oct-22	8.20%
			01-Nov-22	7.70%
			01-Jan-23	8.05%
			01-Mar-23	8.30%
AXIS BANK-IV	24,00,00,000.00	29-03-2023	29-Mar-23	8.00%
HDFC Bank Limited-VI	40,00,00,000.00	01-Jan-20	01-Jan-20	7.65%
			01-Mar-20	7.45%
			01-Jun-20	6.30%
			24-Dec-20	5.95%
			24-May-22	6.35%
			24-Jun-22	6.85%
			24-Aug-22	7.35%
			24-Oct-22	7.85%
			24-Dec-22	8.20%
			01-Jan-23	7.95%
			01-Mar-23	8.01%
			01-Jun-23	7.95%

HDFC Bank Limited-VII	10,00,00,000	21-Jun-19	21-Jun-19 29-Jul-19 29-Aug-19 29-Sep-19 29-Oct-19 01-Dec-19 01-Mar-20 01-Jun-20 24-Dec-20 24-May-22 24-Jun-22 24-Aug-22 24-Oct-22 24-Dec-22 01-Jan-23 01-Mar-23 01-Jun-23	8.40% 8.30% 8.20% 8.10% 8.00% 7.65% 7.45% 6.30% 5.95% 6.35% 6.85% 7.35% 7.85% 8.20% 7.95% 8.01% 7.95%
State Bank of India-XII	25,00,00,000.00 4,00,00,000.00	11-02-2019 26-03-2019	11-Feb-19 11-May-19 11-Aug-19 11-Nov-19 11-Jan-20 01-Feb-20 11-Apr-20 11-Jul-20 11-Jul-22 11-Oct-22 11-Jan-23 11-Apr-23 11-Oct-23	8.35% 8.25% 8.05% 7.80% 7.75% 7.70% 7.15% 6.65% 7.05% 7.35% 8.00% 8.10% 8.15%

(Petitioner)

Name of the Company NTPC LTD
Name of the Power St Dadri -II FGD

PART-I
FORM- 14

Name of the Loan / Bonds	Description	2018-19 (01-JAN-19 - 31-MAR-19)	2019-20 (01-APR-19 - 05-APR-19)	2019-20 (06-APR-19 - 30-JUN-19)	2019-20 (01-JUL-19 - 30-SEP-19)	2019-20 (01-OCT-19 - 05-OCT-19)	2019-20 (06-OCT-19 - 31-DEC-19)	2019-2020 (01-JAN-20 - 31-MAR-20)	2020-21 (01-APR-20 - 30-JUN-20)	2020-21 (01-JUL-20 - 30-SEP-20)	2020-21 (01-OCT-20 - 31-DEC-20)	2020-21 (01-JAN-21 - 31-MAR-21)	2021-2022 (01-ARP-21 - 30-JUN-21)	2021-2022 (01-JUL-21 - 30-SEP-21)	2021-2022 (01-OCT-21 - 31-DEC-21)	2021-22 (01-JAN-22 - 31-MAR-22)	2022-2023 (01-ARP-22 - 15-JUN-22)	2022-2023 (16-JUN-22 - 30-JUN-22)	2022-2023 (01-JULY-22 - 30-SEP-22)	2022-2023 (01-OCT-22 - 31-DEC-22)	2022-2023 (01-JAN-23 - 31-MAR-23)	2023-2024 (01-ARP-23 - 30-JUN-23)	2023-2024 (01-JULY-23 - 30-SEP-23)	2023-2024 (01-OCT-23 - 10-NOV-23)
JPY Equ. 750Million I	Drawl Amount							20,42,05,292	##########															
	Interest Debit							3,29,940	8,06,122	8,04,927	8,28,013	7,25,682	7,74,766	7,53,814	7,33,506	7,01,341	5,18,915	1,12,600	6,44,810	6,72,303	6,82,815	6,37,384	6,48,899	2,69,560
	Interest Credit							8,47,252	3,63,276															
	Witholding Tax							18,535	25,154	26,128	26,319	23,957	24,536	24,713	23,459	23,154	17,430	3,610	20,953	21,818	22,168	20,898	21,157	8,897
	Adj. Amount								(3,55,322)															
	Net Charge							(4,98,777)	1,12,678	8,31,055	8,54,332	7,49,640	7,99,302	7,78,528	7,56,965	7,24,495	5,36,345	1,16,210	6,65,763	6,94,121	7,04,983	6,58,282	6,70,056	2,78,457
	Financial charges							93,05,761																
JPY Equ. 750Million II	Drawl Amount								2,47,02,808	1,79,23,186														
	Interest Debit								23,781	1,11,159	96,491	84,573	90,288	87,846	85,480	81,731	60,472	13,122	75,143	78,347	79,572	74,278	75,620	31,413
	Interest Credit								73,105	1,10,293														
	Witholding Tax								763	3,594	3,067	2,792	2,859	2,880	2,734	2,698	2,031	421	2,442	2,543	2,583	2,435	2,466	1,037
	Adj. Amount																							
	Net Charge							-	(48,561)	4,460	99,558	87,365	93,147	90,726	88,213	84,429	62,503	13,543	77,585	80,890	82,155	76,713	78,086	32,450
	Financial charges								10,92,673															
JPY Equ. 750Million IV	Drawl Amount										2,26,05,833													
	Interest Debit										47,395	46,365	48,475	47,164	45,894	43,881	32,467	7,045	40,344	42,064	42,722	39,879	40,600	16,866
	Interest Credit										55,239													
	Witholding Tax										1,513	1,511	1,535	1,546	1,468	1,449	1,091	225	1,311	1,365	1,387	1,308	1,324	557
	Adj. Amount																							
	Net Charge							-			(6,331)	47,876	50,010	48,710	47,361	45,330	33,558	7,270	41,655	43,429	44,109	41,187	41,924	17,422
	Financial charges										5,97,238													
JPY Equ. 750Million V	Drawl Amount										69,00,541	1,16,80,454												
	Interest Debit										5,836	47,316	38,876	38,099	36,954	35,334	26,143	5,673	32,486	33,871	34,400	32,111	32,692	13,580
	Interest Credit										12,586	23,253												
	Witholding Tax																							
	Adj. Amount																							
	Net Charge							-			(6,750)	24,063	38,876	38,099	36,954	35,334	26,143	5,673	32,486	33,871	34,400	32,111	32,692	13,580
	Financial charges										4,85,268													
JPY Equ. 750Million VI	Drawl Amount											8,41,98,993												
	Interest Debit											1,58,829	1,76,094	1,71,332	1,66,716	1,59,405	1,17,942	25,593	1,46,556	1,52,805	1,55,194	1,44,869	1,47,486	61,267
	Interest Credit											1,39,157												
	Witholding Tax																							
	Adj. Amount																							
	Net Charge							-				19,672	1,76,094	1,71,332	1,66,716	1,59,405	1,17,942	25,593	1,46,556	1,52,805	1,55,194	1,44,869	1,47,486	61,267
	Financial charges											22,19,929					3,39,323							
JBIC Green I Drawl I	Drawl Amount											##########	##########	5,06,97,686										
	Interest Debit											1,06,580	8,46,864	10,58,813	9,02,819	8,33,087	6,41,341	1,46,903	7,63,686	9,06,118	8,50,851	8,15,349	7,74,804	3,38,915
	Interest Credit											3,14,454	15,22,100	9,58,059										
	Witholding Tax																							
	Adj. Amount												(4,14,000)	(86,439)										
	Net Charge							-				(2,07,874)	(10,89,236)	14,315	9,02,819	8,33,087	6,41,341	1,46,903	7,63,686	9,06,118	8,50,851	8,15,349	7,74,804	3,38,915
	Financial charges											20,18,531												
EURO Loan I Drawl II	Drawl Amount													8,00,00,004										
	Interest Debit													1,07,804	1,86,032	1,86,780	1,41,186	32,647	1,79,245	3,47,225	7,01,463	7,47,326	9,74,152	4,52,346
	Interest Credit													1,15,621										
	Witholding Tax													1,866	3,141	3,142	2,553	549	3,012	6,018	11,905	13,177	16,527	7,702
	Adj. Amount																							
	Net Charge							-						(5,951)	1,89,173	1,89,922	1,43,739	33,196	1,82,257	3,53,243	7,13,368	7,60,503	9,90,679	4,60,048
	Financial charges													20,44,836										
EURO Loan I Drawl III	Drawl Amount														1,49,99,999									
	Interest Debit														39,714	35,372	26,737	6,183	33,945	65,756	1,32,840	1,41,526	1,84,481	85,663
	Interest Credit														81,829									
	Witholding Tax														673	598	464	104	570	1,119	2,229	2,468	3,095	1,442
	Adj. Amount																							
	Net Charge							-						-	(41,442)	35,970	27,201	6,287	34,515	66,875	1,35,069	1,43,994	1,87,576	87,106
	Financial charges														3,85,987		68,955							
JBIC Green I Drawl II	Drawl Amount														93,00,000									
	Interest Debit														22,468	19,370	14,911	3,398	17,664	20,959	19,680	18,859	17,921	7,839
	Interest Credit														40,684	2,42,224								
	Witholding Tax																							
	Adj. Amount																							
	Net Charge							-				-	-	-	(18,216)	(2,22,854)	14,911	3,398	17,664	20,959	19,680	18,859	17,921	7,839
	Financial charges														46,420		60,751							
JBIC Green I Drawl III	Drawl Amount															5,22,00,027								
	Interest Debit															1,09,176	91,517	19,809	1,02,978	1,22,184	1,14,732	1,09,945	1,04,477	45,701
	Interest Credit																12,309	0						
	Witholding Tax																							
	Adj. Amount																	47,903						
	Net Charge							-				-	-	-	-	1,09,176	79,207	67,712	1,02,978	1,22,184	1,14,732	1,09,945	1,04,477	45,701
	Financial charges															2,60,549		1,30,534						
																		Commitment charges						
JBIC Green I Drawl IV	Drawl Amount																		78,99,996					
	Interest Debit																		30,384	19,857	18,646	17,868	16,980	7,427
	Interest Credit																		47,324					
	Witholding Tax																							
	Adj. Amount																							
	Net Charge																	-	- 16,940	19,857	18,646	17,868	16,980	7,427
	Financial charges																		49,487	1,30,534				
																				Commitment charges				
USD 750M Drawl II	Drawl Amount																		2,00,00,000					
	Interest Debit																		1,37,138	2,76,816	2,91,609	3,15,041	3,38,633	1,44,994
	Interest Credit																		63,115					
	Witholding Tax																		1,024	2,085	2,191	2,400	2,548	1,088
	Adj. Amount																							

	Net Charge	-	75,047	2,78,901	2,93,800	3,17,441	3,41,181	1,46,081
	Financial charges		3,49,019					
USD 750M Drawl III	Drawl Amount			2,00,00,000				
	Interest Debit			2,81,927	2,85,526	3,08,469	3,31,569	1,41,969
	Interest Credit			11,699				
	Witholding Tax			2,118	2,145	2,350	2,494	1,065
	Adj. Amount							
	Net Charge	-	-	2,72,346	2,87,671	3,10,819	3,34,063	1,43,034
	Financial charges			3,41,738				

AXIS BANK-II	Drawl Amount				24,00,00,000																				
	Interest Debit				44,51,836	2,64,086	45,95,091	45,57,699	40,37,590	38,11,068	38,11,069	37,28,219	37,69,644	38,11,068	38,11,069	37,28,219	31,54,192	7,14,739	76,21,480	46,71,122	45,66,164				
	Interest Credit																								
	Adj. Amount																								
	Net Charge				44,51,836	2,64,086	45,95,091	45,57,699	40,37,590	38,11,068	38,11,069	37,28,219	37,69,644	38,11,068	38,11,069	37,28,219	31,54,192	7,14,739	76,21,480	46,71,122	45,66,164				
	Financial charges																								
AXIS BANK-IV	Drawl Amount																				24,00,00,000				
	Interest Debit																				1,57,808	47,86,849	48,39,452	21,56,712	
	Interest Credit																								
	Adj. Amount																								
	Net Charge																				1,57,808	47,86,849	48,39,452	21,56,712	
	Financial charges																								
HDFC Bank Limited-VI	Drawl Amount							40,00,00,000																	
	Interest Debit							75,61,096	70,51,507	63,51,781	63,21,075	58,68,493	59,33,699	59,98,904	59,98,904	58,68,493	49,86,849	11,51,780	1,21,01,370	78,19,178	78,61,479	79,68,329	80,15,342	35,72,055	
	Interest Credit																								
	Adj. Amount																								
	Net Charge							75,61,096	70,51,507	63,51,781	63,21,075	58,68,493	59,33,699	59,98,904	59,98,904	58,68,493	49,86,849	11,51,780	1,21,01,370	78,19,178	78,61,479	79,68,329	80,15,342	35,72,055	
	Financial charges																								
HDFC Bank Limited-VII	Drawl Amount			10,00,00,000																					
	Interest Debit			2,30,137	23,20,275	1,08,390	18,85,993	16,60,137	17,62,876	15,87,945	15,80,274	14,67,123	14,83,424	14,99,726	14,99,726	14,67,123	12,46,712	2,87,946	30,25,342	19,54,795	19,65,369	19,92,083	20,03,835	8,93,014	
	Interest Credit																								
	Adj. Amount																								
	Net Charge			2,30,137	23,20,275	1,08,390	18,85,993	16,60,137	17,62,876	15,87,945	15,80,274	14,67,123	14,83,424	14,99,726	14,99,726	14,67,123	12,46,712	2,87,946	30,25,342	19,54,795	19,65,369	19,92,083	20,03,835	8,93,014	
	Financial charges																								
State Bank of India-XII	Drawl Amount	29,00,00,000																							
	Interest Debit	28,57,301	3,29,486	56,67,157	1,16,16,527	3,14,289	54,68,629	(83,664)	52,13,247	49,00,603	48,60,876	47,55,206	48,08,041	48,60,877	48,60,877	47,55,205	39,62,671	8,45,370	90,84,150	53,48,713	56,68,905	58,48,465	59,20,767	26,50,918	
	Interest Credit																								
	Adj. Amount																								
	Net Charge	28,57,301	3,29,486	56,67,157	1,16,16,527	3,14,289	54,68,629	(83,664)	52,13,247	49,00,603	48,60,876	47,55,206	48,08,041	48,60,877	48,60,877	47,55,205	39,62,671	8,45,370	90,84,150	53,48,713	56,68,905	58,48,465	59,20,767	26,50,918	
	Financial charges																								
Bond 69	Drawl Amount				65,00,00,000																				
	Interest Debit				13,12,162	6,91,414	1,20,30,600	1,17,70,164	1,18,30,000	1,19,87,068	1,19,92,767	1,17,32,055	1,18,62,411	1,19,92,767	1,19,92,767	1,17,32,055	97,76,712	20,85,699	1,19,92,767	1,19,92,767	1,17,32,055	1,18,62,411	1,19,92,767	53,44,603	
	Interest Credit												-	-		-		-	-	-	-	-	-	-	
	Adj. Amount																	-	-	-	-	-	-	-	
	Net Charge				13,12,162	6,91,414	1,20,30,600	1,17,70,164	1,18,30,000	1,19,87,068	1,19,92,767	1,17,32,055	1,18,62,411	1,19,92,767	1,19,92,767	1,17,32,055	97,76,712	20,85,699	1,19,92,767	1,19,92,767	1,17,32,055	1,18,62,411	1,19,92,767	53,44,603	
	Financial Charges				41,624	12,344		56	32,019	5,068	566	10	14,756	17,214	492	27	22,961	4,898	9	486	4,599	28,678	4,883	-	
Bond 75	Drawl Amount													##########											
	Interest Debit													4,58,027	72,38,586	99,35,445	76,98,082	16,42,258	94,42,981	94,42,981	92,37,699	93,40,340	94,42,981	42,08,285	
	Interest Credit													-		-		-	-	-	-	-	-	-	
	Adj. Amount																	-	-	-	-	-	-	-	
	Net Charge													4,58,027	72,38,586	99,35,445	76,98,082	16,42,258	94,42,981	94,42,981	92,37,699	93,40,340	94,42,981	42,08,285	
	Financial Charges													32,323	4,578	1,704	18,682	3,985	20	411	3,927	23,641	4,195	-	

Note:
1. Please note that all the figures furnished above are excluding the impact of any FERV on the borrowing/loan

(Petitioner)

Form 14A

Form-14A(Notional IDC)

NTPC Ltd BA-1011

Quarterly Debt Equity Ratio for NCPS-FGD

Expenditure is provisional

(Rs. crore)

Qtr Ended on	Expr. During Qtr	Cumulative Expr. Upto the end of Qtr	Debt Applied (Dom Borr and Bonds)	Repayments of DB & Bonds	Cumulative debt applied (DB &	Debt Applied (ECB)	Repayments of ECB	ERV	Cumulative debt applied (ECB)	Cumulative debt applied (Total)	Debt Equity Ratio	Normative debt	Interest Rate p.a.	Notional IDC	Cumulative Notional IDC
	-	-	-		-										
31-03-2019	64.10	64.10	29.00		29.00	-			-	29.00	45:55	44.87	0.99%	0.16	0.16
06-04-2019	**2.20**	**66.30**			**29.00**				**-**	**29.00**	**44:56**	46.41	0.11%	0.02	0.18
30-06-2019	11.90	78.20	10.00		39.00	-			-	39.00	50:50	54.74	1.51%	0.24	0.41
30-09-2019	52.59	130.79	89.00		128.00	-			-	128.00	98:2	91.55	1.54%	-	0.41
06-10-2019	**3.20**	**133.99**			**128.00**				**-**	**128.00**	**96:4**	93.79	0.11%	-	0.41
31-12-2019	49.00	182.99	-		128.00	-			-	128.00	70:30	128.09	1.87%	0.00	0.42
31-03-2020	60.17	243.16	40.00		168.00	20.42		1.63	22.05	190.05	78:22	170.21	1.33%	-	0.42
30-06-2020	-	243.16	-		168.00	16.15			38.20	206.20	85:15	170.21	1.46%	-	0.42
30-09-2020	40.15	283.31	-		168.00	1.79			39.99	207.99	73:27	198.32	1.43%	-	0.42
31-12-2020	18.64	301.95	-		168.00	2.95			42.94	210.94	70:30	211.37	1.41%	0.01	0.42
31-03-2021	59.62	361.57	-		168.00	21.78		(1.74)	62.98	230.98	64:36	253.10	1.09%	0.24	0.66
30-06-2021	45.29	406.86	-		168.00	24.28			87.26	255.26	63:37	284.80	1.09%	0.32	0.99
30-09-2021	11.79	418.65	56.00		224.00	13.07			100.33	324.33	77:23	293.06	0.92%	-	0.99
31-12-2021	3.18	421.83	-		224.00	2.43			102.76	326.76	77:23	295.28	1.15%	-	0.99
31-03-2022	57.88	479.71	-		224.00	5.22		(7.12)	100.87	324.87	68:32	335.80	1.19%	0.13	1.12
15-06-2022	0.40	**480.11**	**-**		**224.00**	**-**			**100.87**	**324.87**	**68:32**	336.08	0.98%	0.11	1.23
30-06-2022	27.65	507.76	-		224.00	0.79			101.66	325.66	64:36	355.43	0.22%	0.06	1.29
30-09-2022	3.96	511.72	-		224.00	4.00			105.66	329.66	64:36	358.20	1.65%	0.47	1.76
31-12-2022	4.35	516.07	-		224.00				105.66	329.66	64:36	361.25	1.31%	0.42	2.18
31-03-2023	6.50	522.57	24.00	24.00	224.00			0.45	106.11	330.11	63:37	365.80	1.24%	0.44	2.62
30-06-2023	13.88	536.45	-		224.00				106.11	330.11	62:38	375.52	1.25%	0.57	3.19
30-09-2023	19.38	555.83	-		224.00		1.60		104.51	328.51	59:41	389.08	1.27%	0.77	3.96
31-10-2023	26.49	582.32	-		224.00				104.51	328.51	56:44	407.62	0.57%	0.45	4.41
11-11-2023	20.85	603.17	-		224.00			(10.17)	94.34	318.34	53:47	422.22	0.57%	0.59	5.00

IDC Charged to P&L

GL	Particulars	Period	Charged to P&L
4060002	Int FC loans -	12.11.2023 to 07.02.2	3.98
4060003	Int Bonds - In	12.11.2023 to 07.02.2	32.71
4060006	Int Dom Loan	12.11.2023 to 07.02.2	31.78
4060354	Financial Cha	12.11.2023 to 07.02.2	1.16
			69.63

(Petitioner)

Dadri -II FGD

Form-14B(FERV)
(Amount in Rs. Lakh)

ERV Charged to P&L Account

Year	Qurarter	Contractor ERV ST-II	BC transferred to P&L	Loan ERV	Total
2019-20	Q4			(140.16)	(140.16)
2020-21	Q1			(95.57)	(95.57)
	Q2			1.66	1.66
	Q3			(6.31)	(6.31)
	Q4			251.05	251.05
2021-22	Q1			55.15	55.15
	Q2			11.51	11.51
	Q3			246.90	246.90
	Q4			397.95	397.95
2022-23	Q1			643.02	643.02
	Upto 15.06.2022			(29.51)	(29.51)
	Q2 (16.06.2022 - 30.06.2022)			259.67	259.67
	Q3			(911.79)	(911.79)
	Q4			(2.19)	(2.19)
	Q1			773.78	773.78
	Q2			157.88	157.88
	Q3			83.46	83.46
Total		**-**	**-**	**1,696.50**	**1,696.50**

Total FERV not taken to capital Cost

As on 11.11.2023

Sr. No.	Particulars	Amount(in Rs.)
1	Loan ERV treated as Borrowing Cost drawn after 01.04.2016 transfer to P&L	-
2	Loan FERV after 01.04.2016 transfer to P&L	1,696.50
3	Short Term FERV	-
	Total	**1,696.50**

ERV Charged to P&L after 11.11.2023

GL	Particulars	Period	12.11.2023 upto 31.12.2023	01.01.2024 to 07.02.2024	Total
5000107	Total	12.11.2023 to 07.02.2024	586.66	-151.60	435.07
4060370	Borrowin	12.11.2023 to 07.02.2024	14.31	0.00	14.31
4031606	**Balance**	**01.01.2024 to 07.02.2024**	**572.35**	**-151.60**	**420.75**

Total	2,117.25

(Petitioner)

Form-14C(FC)

Finance Charges for the loan drawn after 01.04.2015

Dadri -II FGD **(Rs in lakhs)**

Loan	2019-20	2020-21	2021-22	2022-23 (upto 15.06.2022)	2022-23 (Post 16.06.2022)	2023-24 (upto 11.11.2023)
JPY Equ. 750Million I Draw	93.06					
JPY Equ. 750Million II Drawl		10.93				
JPY Equ. 750Million IV Drawl		5.97				
JPY Equ. 750Million V Drawl		4.85				
JPY Equ. 750Million VI Drawl		22.20		3.39		
JBIC Green I Drawl I		20.19				
EURO Loan I Drawl II			20.45			
EURO Loan I Drawl III			3.86	0.69		
JBIC Green I Drawl II			1.07			
JBIC Green I Drawl III			2.61		1.31	
JBIC Green I Drawl IV					1.80	
USD 750M Drawl II					3.49	
USD 750M Drawl III					3.42	
Sub-Total	**93.06**	**64.14**	**27.99**	**4.08**	**10.01**	**-**
Domestic Bonds						
Bond 69	0.54	0.38	0.32	0.23	0.10	0.34
Bond 75			0.39	0.19	0.08	0.28
Sub-Total	**0.54**	**0.38**	**0.71**	**0.42**	**0.18**	**0.61**
Total	**93.60**	**64.51**	**28.70**	**4.50**	**10.20**	**0.61**

Grand Total **202.12**

Finance Charges capitalized through amortization as IDC

2019-20	-
2020-21	16.24
2021-22	23.48
2022-23 (till 15.06.2022)	4.69
2022-23 (16.06.2022-31.03	(29.83)
2023-24 (till 11.11.2023)	1.38
Total	**15.95**
Net Value to be claimed	**186.17**

(Petitioner)

Form-O(i)
ADDITIONAL FORM

Name of the Company	**NTPC Limited**
Name of the Power Station	**NCTPS Dadri Stage-II (ECS)**

(Amount in Rs Lakh)

SN	Particulars	Unit	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (01.04.2022 to 14.06.2022)	2022-23 (15.06.2022 to 31.03.2023)	2023-24 (01.04.2023 to 07.02.2024)	2023-24 (08.02.2024-31.03.2024)
1	Auxiliary consumption	%	Reagent Not Required					5.75	5.75	5.75
2	Additional Auxiliary Power Consumption (ECS)	%						1.00	1.00	1.00
3	Design SO2 Removal Effeciency	%						95.06	95.06	95.06
4	SHR							2362.50	2362.50	2362.50
5	CVPF							3981.33	3710.33	3797.00
6	**Specific Reagent Consumption (kg/kwh)**	kg/kwh						8.400	8.727	7.769
4	**Landed Cost of Reagent (Rs/MT)**	Rs/MT						2,130	2,247	2,310
7	**Supplementary Energy Charge (Rs/kwh)**	Rs/kwh						0.0669	0.0694	0.0702
8	Installed Capacity	MW						980	980	980
9	No of Days in the year	Days						365	365	366
10	ESO in 1 Day	MU						9.32	9.32	18.64
11	Cost of Reagent consumed in a day	Rs Lakh						1.67	1.83	3.35

LP		90.00	90.07	92.53
ECR supp.	dECR+ [(SRC x LPR / 10)/(100-(AUXn + AUXen))]	0.0669	0.0694	0.0702
dECR	ECRen-ECRn	0.048	0.048	0.051
SRC	[K x SHR x S/CVPF] x [85/ LP]	8.40	8.73	7.77
K	(35.2x Design SO2 Removal Efficiency/96%)	34.86	34.86	34.86
CVPF		3981.33	3710.33	3797.00
ECRn		4.46	4.47	4.75
ECRen		4.51	4.51	4.80
S		0.43	0.42	0.39

(Petitioner)

Form-O(i) Parameters									
CVPF	3,827.00	4,122.00	3,995.00	3,650.00	3,728.00	3,753.00	3,753.00	3,686.00	3,952.00
CVPF (Average)	3981.33			3710.33			3797.00		
LP(Average)	90.00			90.07			92.53		
Sulpher Content(Average)	0.43			0.42			0.39		
ECRn(Average)	4.46			4.47			4.75		
ECREn(Average)	4.51			4.51			4.80		
Data									
CVPF (kCal/Kg)	3,827.00	4,122.00	3,995.00	3,650.00	3,728.00	3,753.00	3,753.00	3,686.00	3,952.00
CVSF (kCal/Litre)	9,612.00	9,606.00	9,602.00	9,665.00	9,672.00	9,680.00	9,669.00	9,669.00	9,678.00
LPPF (Rs/MT)	5,673.13	8,032.84	7,062.09	7,432.61	5,822.21	5,949.05	6,558.86	6,331.73	8,090.77
LPSF (Rs/KL)	51,294.02	57,424.93	57,424.93	79,225.17	80,087.35	80,087.35	83,369.45	83,369.45	83,383.61
AUX-Norm (%)	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75
GHR-Norm (kCal/kWh)	2,362.50	2,362.50	2,362.50	2,362.50	2,362.50	2,362.50	2,362.50	2,362.50	2,362.50
SFC-Norm (Litre/kWh)	0.0005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ECR (INR)	3.82	5.01	4.55	5.26	4.04	4.10	4.52	4.44	5.28
AUX for DESOX(Norm) (%)	1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
NEW AUX-NORM (%)	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75
NEW GHR-NORM (kCal/kWh)	2362.5	2,362.50	2,362.50	2,362.50	2,362.50	2,362.50	2,362.50	2,362.50	2,362.50
NEW-SFC-NORM (Litre/kWh)	0.0005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEW ECR (INR)	3.861	5.06	4.60	5.31	4.08	4.14	4.57	4.49	5.34
Delta ECR ((New ECR-OLD ECR)= ΔECR)	0.0410	0.0540	0.0480	0.0570	0.0440	0.0440	0.0490	0.0470	0.0570

PART 1
FORM- 16A

Details of Reagent for Computation of Supplementary Energy Charge Rate

Name of the Petitioner NTPC Ltd
Name of the Generating Station Dadri Stage II ECS

S. No.	Month	Unit	For preceding 3 Month (from U#1 ODe)			Q3 2022-23			For preceding 3 Month (from U#2 ODe)		
			Mar-22	Apr-22	May-22	Oct-22	Nov-22	Dec-22	Nov-23	Dec-23	Jan-24
	Opening Quantity										
	Opening Quantity of Limestone	MT	4,435.89	5,522.06	4,021.06	4372.55	2925.92	675.1	396.00	2,825.00	938.00
	Value of Stock	Rs	1,24,82,683.18	1,49,48,416.65	1,05,84,743.10	8034560.63	5376378	1348413.41	9,14,645.00	65,25,635.00	21,66,665.00
	Received Quantity										
1	Quantity of Limestone supplied by Reagent supply Company	tonne	1,086.17	-	517.72	634.15	228.4	3868.3	4,965.00	-	5,663.00
2	Adjustment (+/-) in quantity supplied made by Limestone or Reagent supply Company	tonne							-	-	
3	Net quantity of Limestone Received (1±2)	tonne	1,086.17	-	517.72	634.15	228.40	3,868.30	4,965.00	-	5,663.00
4	Amount charged for Limestone supply Company	(Rs.)	9,21,019.58		5,16,425.70	632564.625	239820	4061715	52,13,250.00	-	59,46,150.00
5	Adjustment (+/-) in amount charged made for Limestone supply by the Company	(Rs.)							-	-	-
6	Total amount Charged (4±5)	(Rs.)	9,21,019.58	-	5,16,425.70	6,32,564.63	2,39,820.00	40,61,715.00	52,13,250.00	-	59,46,150.00
7	Transportation charges by rail/ship/road transport	(Rs.)	15,44,719.05		4,34,884.80	532686	287784	4874058	62,55,900.00	-	71,35,380.00
8	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)							-	-	-
9	Demurrage Charges, if any	(Rs.)							-	-	-
10	Total Transportation Charges (7±-8-9)	(Rs.)	15,44,719.05	-	4,34,884.80	5,32,686.00	2,87,784.00	48,74,058.00	62,55,900.00	-	71,35,380.00
11	Total amount Charged for Limestone supplied including Transportation (6+10)	(Rs.)	24,65,738.63	-	9,51,310.50	11,65,250.63	5,27,604.00	89,35,773.00	1,14,69,150.00	-	1,30,81,530.00
12	Weighted Average Cost of Limestone	(Rs/tonne)			2,130.48			2,246.66			2,310.00
13	Purity of Limestone *	(%)	90.00	90.00	90.00	90.3	89.9	90	93.20	93.20	91.20
14	Sulphur Content of the coal	%	0.35	0.49	0.45	0.46	0.45	0.34	0.39	0.40	0.38

*Including Opening Stock

(Petitioner)

PART-I
FORM- A

Abstract of Capital Cost Estimates and Schedule of Commissioning for the New Projects

Name of the Petitioner **NTPC Ltd**
Name of the Generating Station **NCTPS Dadri Stage-II (FGD)**

New Project

Capital Cost Estimates		**In Rs Cr.**
Board of Director/ Agency approving the Capital cost estimates:	**Chairman & Managing Director**	
Date of approval of the Capital cost estimates:	31.01.2018	
	Current Cost	**Completed Cost**
Price level of approved estimates	Q3 2017-18	Q3 2017-18
Foreign Exchange rate considered for the Capital cost estimates		
Capital Cost excluding IDC,IEDC& FC		
Foreign Component, if any (In Million US $ or the relevant Currency) **[in Rs Crs]**		
Domestic Component (Rs. Crs)		
Capital cost excluding IDC, IEDC, FC, FERV & Hedging Cost (Rs. Cr)	**579.66**	**579.66**
IDC, IEDC,FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US $ or the relevant Currency) **[in Rs Crs]**		
Domestic Component (Rs. Crs)		
Total IDC, IEDC, FC, FERV & Hedging Cost (Rs. Crs)	**47.91**	**47.91**
Working Capital Margin (WCM) (Rs. Crs)	**-**	
Capital cost Including IDC, IEDC, FC, FERV, Hedging Cost & WCM		
Foreign Component, if any (In Million US $ or the relevant Currency) **[in Rs Crs]**		
Domestic Component (Rs. Crs)	627.57	627.57
Capital cost Including IDC, IEDC& FC (Rs. Crs)	**627.57**	**627.57**
Schedule of Commissioning		
Date of Operation (ODe) of FGD in Unit-I	15-06-2022	
Date of Operation (ODe) of FGD in Unit-II	08-02-2024	

(Petitioner)

PART-I
FORM- Ai

Abstract of Capital Cost Estimates and Schedule of Commissioning for the New Projects

Name of the Petitioner **NTPC Ltd**
Name of the Generating Station **NCTPS Dadri Stage-II (Combustion Modification)**

New Project		
Capital Cost Estimates		**In Rs Cr.**
Board of Director/ Agency approving the Capital cost estimates:	**Chairman & Managing Director**	
Date of approval of the Capital cost estimates:	18.06.2018	
	Current Cost	**Completed Cost**
Price level of approved estimates	Q1 2018-19	Q1 2018-19
Foreign Exchange rate considered for the Capital cost estimates		
Capital Cost excluding IDC,IEDC& FC		
Foreign Component, if any (In Million US $ or the relevant Currency) **[in Rs Crs]**		
Domestic Component (Rs. Crs)		
Capital cost excluding IDC, IEDC, FC, FERV & Hedging Cost (Rs. Cr)	**17.08**	**17.08**
IDC, IEDC,FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US $ or the relevant Currency) **[in Rs Crs]**		
Domestic Component (Rs. Crs)		
Total IDC, IEDC, FC, FERV & Hedging Cost (Rs. Crs)	**0.55**	**0.55**
Working Capital Margin (WCM) (Rs. Crs)	**-**	
Capital cost Including IDC, IEDC, FC, FERV, Hedging Cost & WCM		
Foreign Component, if any (In Million US $ or the relevant Currency) **[in Rs Crs]**		
Domestic Component (Rs. Crs)	17.63	17.63
Capital cost Including IDC, IEDC& FC (Rs. Crs)	**17.63**	**17.63**
Schedule of Commissioning		
Date of Commissioning of CM in Unit-I	06.04.2019	
Date of Commissioning of CM in Unit-I	06.10.2019	

(Petitioner)

PART-I
FORM- B

Capital Cost for ECS (FGD + CM)

Name of the Petitioner — **NTPC Limited**

Name of the Generating Station — **DADRI STAGE II- ECS**

(Amount in Rs. Lakh)

Sl. No.	Break Down	As per Investment Approval	Capitalisation as on date of Operationalization of FGD in Unit-I (15-06-2022)	Liabilities correponding to Capitalsation shown in Column (4)	Capitalisation as on date of Operationalization of FGD in Unit-II (08-02-2024)	Liabilities correponding to Capitalsation shown in Column (6)	Total Capitalisation on ODe of Dadri-II FGD (accrual basis)	Liabilities correponding to Capitalsation shown in Column (8)	Total Capitalisation on ODe of Dadri-II FGD (Cash basis)	Variation With Respect to IA	Specific Reasons for Variation
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) = (8)-(9)	(11) = (3)-(8)	(12)
1	**FGD**										
a.	**Plant & Machinery**										
	U#5		7,653.92		7,696.54		7,696.54				
	U#6				7,584.27		7,584.27				
	Common System		19,947.23		20,568.94		20,568.94				
	Subtotal		**27,601.15**		**35,849.75**		**35,849.75**				
b.	**Civil Works**						-				
	FGD System		4,910.99		5,904.79		5,904.79				
	Chimney System		6,376.59		6,417.15		6,417.15				
	FGD Control System Building		1,413.07	12,786.92	1,414.46	4,419.31	1,414.46	4,419.31			
	Ball Mill Building	**57,966.00**	719.50		720.05		720.05			**-153.61**	It is submitted that despite rise in material and labor costs throughout the project timeline (material: ~30% CAGR 4.63%, labor: ~40% CAGR 5.70%), Petitioner though careful project management has managed to keep the final cost close to the initial estimate established during investment approval. The final hard cost including undischarged liability as on U#2 ODe is only 1.5 crore rupees over initial estimate, representing a mere 0.26% increase.
	Gypsum Dewatering Building & Gypsum Storage Shed		1,779.60		1,781.66		1,781.66		53,700.31		
	SO2 Analyzer Rooms+Tanks+Slurry Pumps Works		391.22		429.47		429.47				
	Crusher house+ Lime Belt Conveyor (LBC)1,2,3- Galleries and Trestle		4,754.41		4,759.06		4,759.06				
	ACW PH BUILDING- Air Compressor Building+Switchgear Building		595.34		597.73		597.73				
	Other Enabling Works incl. Roads/Drains		60.89		69.85		69.85				
	Subtotal		**21,001.62**		**22,094.21**		**22,094.21**				
c.	**Pre Commissioning**		**71.071645**		**175.65**		**175.65**				
	Total Plant & Equipment including Civil Works		**48,673.84**	**12,786.92**	**58,119.61**		**58,119.61**	**4,419.31**			
d.	**Taxes & Duties**		Included in above		Included in above		Included in above				
	Total Capital cost excluding IDC & FC	**57,966.00**	**48,673.84**	**12,786.92**	**58,119.61**	**4,419.31**	**58,119.61**	**4,419.31**	**53,700.31**	**-153.61**	
f.	**IDC, FC, IEDC, FERV & Hedging Cost**										
I.1	Interest During Construction (IDC)	3,052.00	3,134.76								It is further submitted that due to various unforeseen circumstances, including the COVID-19 pandemic and limited technical expertise in FGD systems within India, the project was unable to meet its initial completion deadline. However, the Petitioner exercised sound financial management by phasing the allocation of funds. As a result, the increase in soft costs is minimal, amounting to only Rs. 2.98 crore above the original estimate. Furthermore, the Petitioner has successfully controlled the total project cost, keeping it within Rs. 4.5 crore of the initial estimate, representing a marginal increase of just 0.72%.
I.2	Financing Charges (FC)				4,068.45		4,068.45		4,068.45	**-298.25**	
I.3	Incidental Expenditure During Construction (IEDC)	1,739.00	647.40		1,020.80		1,020.80		1,020.80		
I.4	Foreign Exchange Rate Variation (FERV)										
I.5	Hedging Cost										
	Total of IDC, FC, IEDC, FERV & Hedging Cost	**4,791.00**	**3,782.15**	**-**	**5,089.25**	**-**	**5,089.25**		**5,089.25**		
Capital cost of FGD including IDC, FC, FERV & Hedging Cost		**62,757.00**	**52,455.99**	**12,786.92**	**63,208.86**	**4,419.31**	**63,208.86**	**4,419.31**	**58,789.56**	**-451.86**	

2	Combustion Modification										(Amount in Rs. Lakh)
Sl. No.	Break Down	As per Investment Approval	Capitalisation as on date of Operationalization of CM in Unit-I (06-04-2019)	Liabilities correponding to Capitalsation shown in Column (4)	Capitalisation on date of Operationalization of CM in Unit-II (06-10-2019)	Liabilities correponding to Capitalsation shown in Column (6)	Total Capitalisation on ODe of Dadri-II FGD	Liabilities correponding to Capitalsation shown in Column (8)	Total Capitalisation on ODe of Dadri-II CM (Cash basis)	Variation With Respect to IA	
1	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		(11) = (3)-(8)	(12)
A											
a.	Plant & Machinery	1,707.58	761.68	761.68	1,523.37	116.11	1,527.40	-		180.18	
b.	Initial Spares										
	Plant and Machinery excluding IDC & FC	1,707.58	761.68	761.68	1,523.37	116.11	1,527.40	-		180.18	it is submitted that through prudent project management, the petitioner successfully completed the project at a cost of 2.53 Cr lower than the initial estimate.
									1,527.40		
c.	IDC, FC, IEDC, FERV & Hedging Cost										
I.1	Interest During Construction (IDC)	29.52								29.52	
I.2	Financing Charges (FC)										
I.3	Incidental Expenditure During Construction (IEDC)	25.61								25.61	
I.4	Foreign Exchange Rate Variation (FERV)										
I.5	Hedging Cost										
	Total of IDC, FC, IEDC, FERV & Hedging Cost	55.13									
	Capital cost of CM System including IDC, FC, FERV & Hedging Cost	1,762.71	761.68	761.68	1,523.37	116.11	1,527.40	-		235.31	
	Grand Total ECS System (FGD + CM)	64,519.71					64,736.26		60,316.96	-216.55	Because of variations in ECS subsystems as elaborated above, the final cost increase of the ECS System is only 2.16 Cr, representing a minor 0.33% increase.

(Petitioner)

PART-I
FORM- K

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS Dadri Stage-II (ECS)**
For Financial Year	**2019-20 (07.04.2019 to 05.10.2019)**

Amount in Lakhs

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
	NA							

(Petitioner)

PART-I
FORM- K

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS Dadri Stage-II (ECS)**
For Financial Year	**2022-23 (16.06.2022 to 31.03.2023)**

Amount in Lakhs

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
NA								

(Petitioner)

PART-I
FORM- K

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS Dadri Stage-II (ECS)**
For Financial Year	**2020-21**

Amount in Lakhs

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
NA								

(Petitioner)

PART-I
FORM- K

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS Dadri Stage-II (ECS)**
For Financial Year	**2021-22**

Amount in Lakhs

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
				NA				

(Petitioner)

PART-I
FORM- K

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS Dadri Stage-II (ECS)**
For Financial Year	**2022-23 (01.04.2022 to 14.06.2022)**

Amount in Lakhs

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
				NA				

(Petitioner)

PART-I
FORM- K

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS Dadri Stage-II (ECS)**
For Financial Year	**2022-23 (16.06.2022 to 31.03.2023)**

Amount in Lakhs

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
1	Reversal of Liability	-34.20	-34.20				'As per the practice, liabilities are excluded for the purpose of Tariff, therefore, reversal also kept under exclusion	
	Total	**- 34.20**	**- 34.20**	**-**	**-**			

(Petitioner)

PART-I
FORM- K

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**NCTPS Dadri Stage-II (ECS)**
For Financial Year	**2023-24 (01.04.2023 to 07.02.2024)**

Amount in Lakhs

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
NA								

(Petitioner)

PART-I
FORM- K

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner				**NTPC Limited**				
Name of the Generating Station				**NCTPS Dadri Stage-II (ECS)**				
For Financial Year				**2023-24 (08.02.2024 to 31.03.2024)**				
								Amount in Lakhs
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	**2**	**3**	**4**	**5= (3-4)**	**6**	**7**	**8**	**9**
1	Reversal of Liability	-0.75	-0.75				'As per the practice, liabilities are excluded for the purpose of Tariff, therefore, reversal also kept under exclusion	
	Total	**- 0.75**	**- 0.75**	**-**	**-**			

(Petitioner)

Name of the Petitioner NTPC Limited
Name of the Generating Station DADRI STAGE II- ECS

PART-I
FORM- L

Statement of Capital cost
(To be given for relevant dates and year wise)

S. No.	Particulars	FY 2019-20 from (06.04.2019 t0 05.10.2019			FY 2019-20 from (06.10.2019 t0 31.03.2020			FY 2020-21			FY 2021-22			FY 2022-23 (01.04.2022 upto 14.06.2022)			FY 2022-23 (15.06.2022 to 31.03.2023)			FY 2022-23 (01.04.2023 to 08.02.2024)			FY 2023-24 (09.02.2024- 31.03.2024)		
		Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening Gross Block Amount as per books			-	761.68	-	761.68	1,523.37	60.30	1,463.07	1,523.37	60.30	1,463.07	1,523.37	60.30	1,463.07	1,523.37	7.72	1,515.65	54,312.43	8,416.48	45,895.95	64,736.26	4,419.31	60,316.95
	b) Amount of IDC in A(a) above																			3,134.76	-	3,134.76	4,068.45	-	4,068.45
	c) Amount of FC in A(a) above																			-	-	-	-	-	-
	d) Amount of FERV in A(a) above																			-	-	-	-	-	-
	e) Amount of Hedging Cost in A(a) above																			-	-	-	-	-	-
	f) Amount of IEDC in A(a) above																			647.40	-	647.40	1,020.80	-	1,020.80
B	a) Addition in Gross Block Amount during the period (Direct purchases)																		-						
	b) Amount of IDC in B(a) above																								
	c) Amount of FC in B(a) above																								
	d) Amount of FERV in B(a) above																								
	e) Amount of Hedging Cost in B(a) above																								
	f) Amount of IEDC in B(a) above																								
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)	761.68	761.68	-	761.68	116.11	645.57										52,789.06	12,934.77	39,854.29	10,423.83	1,739.68	8,684.15	31.78	31.78	-
	b) Amount of IDC in C(a) above																3,134.76	-	-	933.69	-	933.69	-	-	-
	c) Amount of FC in C(a) above																-	-	-	-	-	-	-	-	-
	d) Amount of FERV in C(a) above																-			-	-	-	-	-	-
	e) Amount of Hedging Cost in C(a) above																-			-	-	-	-	-	-
	f) Amount of IEDC in C(a) above																647.40			373.41	-	373.41	-	-	-
																				-	-	-	-	-	-
D	a) Deletion in Gross Block Amount during the period																						0.75		
	b) Amount of IDC in D(a) above																								
	c) Amount of FC in D(a) above																								
	d) Amount of FERV in D(a) above																								
	e) Amount of Hedging Cost in D(a) above																								
	f) Amount of IEDC in D(a) above																								
E	a) Closing Gross Block Amount as per books	761.68	-	761.68	1,523.37	60.30	1,463.07	1,523.37	60.30	1,463.07	1,523.37	60.30	1,463.07	1,523.37	7.72	1,515.65	54,312.43	8,416.48	45,895.95	64,736.26	4,419.31	60,316.95	64,767.29	4,442.17	60,325.12
	b) Amount of IDC in E(a) above																3,134.76	-	3,134.76	4,068.45	-	4,068.45	4,068.45	-	4,068.45
	c) Amount of FC in E(a) above																-	-	-	-	-	-	-	-	-
	d) Amount of FERV in E(a) above																-	-	-	-	-	-	-	-	-
	e) Amount of Hedging Cost in E(a) above																-	-	-	-	-	-	-	-	-
	f) Amount of IEDC in E(a) above																647.40	-	647.40	1,020.80	-	1,020.80	1,020.80	-	1,020.80
																	-	-	-	-	-	-	-	-	-
	Liability Discharged		761.68			55.81			-			-			52.58			4,526.01			5,736.86			8.92	

(Petitioner)

PART-I
FORM- M

Name of the Petitioner NTPC Limited
Name of the Generating Station DADRI STAGE II- ECS

Statement of Capital Woks in Progress

(To be given for relevant dates and year wise)

(Amount in Rs. Lakh)

S. No.	Particulars	As on 06.04.2019			From 07.04.2019 to 06.10.2019			As on 15.06.2022			FY 2022-23 (15.06.2022- 31.03.2023)			FY 2023-24 (01.04.2023- 08.02.2024)			FY 2023-24 (09.02.2024- 31.03.2024)		
		Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged	Cash Basis	Accrual Basis	Un-discharged	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening CWIP as per books	761.68	761.68	-	-	-	-	60,919.08	15,129.39	45,789.69	9,035.94	2,202.65	6,833.30	9,484.79	1,601.51	7,883.28	-	-	-
	b) Amount of IDC in A(a) above			-			-	3,317.37		3,317.37	546.11	-	546.11	765.61	-	765.61	-	-	-
	c) Amount of FC in A(a) above			-			-	-		-	-	-	-	-	-	-	-	-	-
	d) Amount of FERV in A(a) above			-			-	-		-	-	-	-	-	-	-	-	-	-
	e) Amount of Hedging Cost in A(a) above			-			-	-		-	-	-	-	-	-	-	-	-	-
	f) Amount of IEDC in A(a) above			-			-	695.66		695.66	111.52	-	111.52	264.37	-	264.37	-	-	-
				-			-			-			-			-			-
				-			-			-			-			-			-
B	a) Addition in CWIP during the period			-	761.68	116.11	645.57	572.86		572.86	781.91		781.91	939.04	144.66	794.38	31.78	31.78	
	b) Amount of IDC in B(a) above			-			-	363.49		363.49	219.50		219.50	168.08		168.08			
	c) Amount of FC in B(a) above			-			-			-			-			-			
	d) Amount of FERV in B(a) above			-			-			-			-			-			
	e) Amount of Hedging Cost in B(a) above			-			-			-			-			-			
	f) Amount of IEDC in B(a) above			-			-	63.26		63.26	152.85		152.85	109.04		109.04			
				-			-			-			-						
				-			-			-			-						
C	a) Transferred to Gross Block Amount during the period	761.68	761.68	-	761.68	116.11	645.57	52,455.99	12,786.92	39,669.07	333.07	147.85	185.22	10,423.83	1,739.68	8,684.15	31.78	31.78	
	b) Amount of IDC in C(a) above			-			-	3,134.76		3,134.76				933.69	-	933.69			
	c) Amount of FC in C(a) above			-			-	-		-				-	-	-			
	d) Amount of FERV in C(a) above			-			-	-		-				-	-	-			
	e) Amount of Hedging Cost in C(a) above			-			-	-		-				-	-	-			
	f) Amount of IEDC in C(a) above			-			-	647.40		647.40				373.41	-	373.41			
				-			-			-									
				-			-			-									
D	a) Deletion in CWIP during the period			-			-			-									
	b) Amount of IDC in D(a) above			-			-			-									
	c) Amount of FC in D(a) above			-			-			-									
	d) Amount of FERV in D(a) above			-			-			-									
	e) Amount of Hedging Cost in D(a) above			-			-			-									
	f) Amount of IEDC in D(a) above			-			-			-									
				-			-			-									
				-			-			-									
E	a) Closing CWIP as per books			-	-	-	-	9,035.94	2,202.65	6,833.30	9,484.79	1,601.51	7,429.99	-	-	-	-	-	-
	b) Amount of IDC in E(a) above			-			-	546.11	-	546.11	765.61	-	765.61	-	-	-	-	-	-
	c) Amount of FC in E(a) above			-			-	-	-	-	-	-	-	-	-	-	-	-	-
	d) Amount of FERV in E(a) above			-			-	-	-	-	-	-	-	-	-	-	-	-	-
	e) Amount of Hedging Cost in E(a) above			-			-	-	-	-	-	-	-	-	-	-	-	-	-
	f) Amount of IEDC in E(a) above			-			-	111.52	-	111.52	264.37	-	264.37	-	-	-	-	-	-
				-						-									

(Petitioner)

PART-I
FORM-N

Calculation of Interest on Normative Loan

Name of the Company :	**NTPC Limited**
Name of the Power Station :	**NCTPS Dadri Stage-II (ECS)**

(Amount in Rs Lakh)

S. No.	Particulars	2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (01.04.2022 to 14.06.2022)	2022-23 (15.06.2022 to 31.03.2023)	2023-24 (01.04.2023 to 07.02.2024)	2023-24 (08.02.2024-31.03.2024)
1	**2**	**4**	**5**	**6**	**9**		**10**		**11**
1	Gross Normative loan – Opening	-	985.08	1,024.15	1,024.15	1,024.15	29,957.18	33,255.04	44,298.78
2	Cumulative repayment of Normative loan up to previous year	0.00	10.05	46.91	124.16	201.41	217.57	1,978.61	4,096.22
3	**Net Normative loan – Opening**	-	975.03	977.24	899.99	822.74	29,739.61	31,276.43	40,202.56
4	Add: Increase due to addition during the year / period	-	-	-	-	-	153.59	92.68	-
5	Less: Decrease due to de-capitalisation during the year / period	-	-	-	-	-	-	-	-
6	Less: Decrease due to reversal during the year / period	-	-	-	-	-	-	-	-
7	Add: Increase due to discharges during the year / period	533.18	39.07	-	-	36.81	3,144.27	4,015.80	5.72
8	Less: Repayment of Loan	10.05	36.85	77.25	77.25	16.16	1,761.04	2,117.61	455.00
9	**Net Normative loan - Closing**	523.12	977.24	899.99	822.74	843.39	31,276.43	33,267.29	39,753.28
10	**Average Normative loan**	261.56	976.13	938.62	861.37	833.07	30,508.02	32,271.86	39,977.92
11	Weighted average rate of interest*	7.73%	7.05%	5.46%	4.98%	5.06%	5.39%	5.61%	5.62%
12	**Interest on Loan**	**20.21**	**68.80**	**51.24**	**42.91**	**42.12**	**1643.60**	**1809.33**	**2246.19**

(Petitioner)

PART 1
FORM- O

Calculation of Interest on Working Capital

Name of the Company :		**NTPC Limited**
Name of the Power Station :		**NCTPS Dadri Stage-II (ECS)**

(Amount in Rs Lakh)

S. No.	Particulars		2019-20 (06.04.2019 to 05.10.2019)	2019-20 (06.10.2019 to 31.03.2020)	2020-21	2021-22	2022-23 (01.04.2022 to 14.06.2022)	2022-23 (15.06.2022 to 31.03.2023)	2023-24 (01.04.2023 to 07.02.2024)	2023-24 (08.02.2024 to 31.03.2024)
1	**2**		**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
	No of days		366	366	365	365	365	365	366	366
1	Cost of Limestone/Reagent Stock	20 days	Reagent Not Required					33.36	36.55	66.92
	Cost of Limestone/Reagent Advance Payment	30 Days						50.04	54.83	100.37
2	**Receivables**	45 days	9.11	29.90	28.14	27.21	27.58	1,112.16	1,208.79	1,779.76
3	O & M Expenses	1 month	1.27	2.54	2.63	2.72	2.81	83.94	86.88	102.62
4	Maintenance Spares	@20%	3.05	6.09	6.31	6.53	6.76	201.45	208.50	246.29
5	Total Working Capital		13.42	38.54	37.08	36.46	37.15	1480.96	1595.54	2295.96
6	Rate of Interest	%	12.05	12.05	11.25	10.50	10.50	10.50	12.00	12.00
7	**Interest on Working Capital**		**1.62**	**4.64**	**4.17**	**3.83**	**3.90**	**155.50**	**191.47**	**275.52**

(Petitioner)

Part-I
Form-S

Statement of Liability Flow

Name of the Petitioner	NTPC Limited
Name of the Generating Station	NCTPS Dadri Stage-II (ECS)

(Amount in Lacs)

Sr. No.	Name of the work	Name of the Party	Year of creation of liability capitalised in Gross Block	Remakrs	Undischarged liabilities relating to ECS as on 06.04.2019	liability in additional capitalisation for 2019-20 (07.04.2019 to 05.10.2019)	Contractors ERV updation	Discharge during 2019-20 (07.04.2019 to 05.10.2019)			Undischarged liabilities relating to ECS as on 05.10.2019
								-by payment	-by reversal	Total discharge	
1	Wet FGD Unit#5 (incl common systems)	BHEL	2022-23	Claimed							-
2	Combustion Modification	GE	2019-20	Claimed	761.68	-		761.68		761.68	-
3	Wet FGD Unit#6	BHEL	2023-24	Claimed							
	Total				761.68	-	-	761.68	-	761.68	-

(Petitioner)

Part-I
Form-S

Statement of Liability Flow

Name of the Petitioner	NTPC Limited
Name of the Generating Station	NCTPS Dadri Stage-II (ECS)

(Amount in Lacs)

Sr. No.	Name of the work	Name of the Party	Year of creation of liability capitalised in Gross Block	Remakrs	Undischarged liabilities relating to ECS as on 06.10.2019	liability in additional capitalisation for 2019-20 (07.10.2019 to 31.03.2020)	Contractors ERV updation	Discharge during 2019-20 (07.10.2019 to 31.03.2020)			Undischarged liabilities relating to ECS 31.03.2020
								-by payment	-by reversal	Total discharge	
1	Wet FGD Unit#5 (incl common systems)	BHEL	2022-23	Claimed							
2	Combustion Modification	GE	2019-20	Claimed	116.11			55.81		55.81	60.30
3	Wet FGD Unit#6	BHEL	2023-24	Claimed							
	Total				116.11	-	-	55.81	-	55.81	60.30

(Petitioner)

Part-I
Form-S

Statement of Liability Flow

Name of the Petitioner	NTPC Limited
Name of the Generating Station	NCTPS Dadri Stage-II (ECS)

(Amount in Lacs)

Sr. No.	Name of the work	Name of the Party	Year of creation of liability capitalised in Gross Block	Remakrs	liability in additional capitalisation as on 01.04.2020	liability in additional capitalisation for 2020-21	Contractors ERV updation	Discharge during 2020-21			Undischarged liabilities relating to ECS 31.03.2021
								-by payment	-by reversal	Total discharge	
1	Wet FGD Unit#5 (incl common systems)	BHEL	2022-23	Claimed							
2	Combustion Modification	GE	2019-20	Claimed	60.30	0		0		0	60.30
3	Wet FGD Unit#6	BHEL	2023-24	Claimed							
	Total				60.30	-	-	-	-	-	60.30

(Petitioner)

Part-I
Form-S

Statement of Liability Flow

Name of the Petitioner	NTPC Limited
Name of the Generating Station	NCTPS Dadri Stage-II (ECS)

(Amount in Lacs)

Sr. No.	Name of the work	Name of the Party	Year of creation of liability capitalised in Gross Block	Remakrs	Undischarged liabilities relating to ECS as on 01.04.2021	liability in additional capitalisation for 2021-22	Contractors ERV updation	Discharge during 2021-22			Undischarged liabilities relating to ECS 31.03.2022
								-by payment	-by reversal	Total discharge	
1	Wet FGD Unit#5 (incl common systems)	BHEL	2022-23	Claimed							
2	Combustion Modification	GE	2019-20	Claimed	60.30						60.30
3	Wet FGD Unit#6	BHEL	2023-24	Claimed							
	Total				60.30	-	-	-	-	-	60.30

(Petitioner)

Part-I
Form-S

Statement of Liability Flow

Name of the Petitioner	NTPC Limited
Name of the Generating Station	NCTPS Dadri Stage-II (ECS)

(Amount in Lacs)

Sr. No.	Name of the work	Name of the Party	Year of creation of liability capitalised in Gross Block	Remakrs	Undischarged liabilities relating to ECS as on 01.04.2022	liability in additional capitalisation for 2022-23 (01.04.2022 to 14-06-2022)	Contractors ERV updation	Discharge during 2022-23 (01.04.2022 to 14-06-2022)			Undischarged liabilities relating to ECS 14.06.2022	Undischarged liabilities relating to ECS as on 15.06.2022
								-by payment	-by reversal	Total discharge		
1	Wet FGD Unit#5 (incl common systems)	BHEL	2022-23	Claimed								12,786.92
2	Combustion Modification	GE	2019-20	Claimed	60.30			52.58		52.58	7.72	7.72
3	Wet FGD Unit#6	BHEL	2023-24	Claimed								
	Total				60.30	-	-	52.58	-	52.58	7.72	12,794.64

(Petitioner)

Part-I
Form-S

Statement of Liability Flow

Name of the Petitioner	NTPC Limited
Name of the Generating Station	NCTPS Dadri Stage-II (ECS)

(Amount in Lacs)

Sr. No.	Name of the work	Name of the Party	Year of creation of liability capitalised in Gross Block	Remakrs	Undischarged liabilities relating to ECS 15.06.2022	liability in additional capitalisation for 2022-23 (DoCE to 31-03-2023)	Contractors ERV updation	Discharge during 2022-23 (DoCE to 31.03.2023)			Undischarged liabilities relating to GB 31.03.2023
								-by payment	-by reversal	Total discharge	
1	Wet FGD Unit#5 (incl common systems)	BHEL	2022-23	Claimed	12,786.92	147.85		4,484.10	34.20	4,518.29	8,416.48
2	Combustion Modification	GE	2019-20	Claimed	7.72			7.72		7.72	-
3	Wet FGD Unit#6	BHEL	2023-24	Claimed							
	Total				12,794.64	147.85	-	4,491.81	34.20	4,526.01	8,416.48

(Petitioner)

Part-I
Form-S

Statement of Liability Flow

Name of the Petitioner	NTPC Limited
Name of the Generating Station	NCTPS Dadri Stage-II (ECS)

(Amount in Lacs)

Sr. No.	Name of the work	Name of the Party	Year of creation of liability capitalised in Gross Block	Remakrs	Undischarged liabilities relating to GB 01.04.2024	Liability - against Add Cap from 01.04.2023 to 08.02.2024	Contractors ERV updation	Discharge during 203-24 (upto 08.02.2024)			Undischarged liabilities relating to GB 08.02.2024
								-by payment	-by reversal	Total discharge	
1	Wet FGD Unit#5 (incl common systems)	BHEL	2022-23	Claimed	8,416.48	321.56		5,025.22		5,025.22	3,712.82
2	Combustion Modification	GE	2019-20	Claimed	-			-		-	-
3	Wet FGD Unit#6	BHEL	2023-24	Claimed	-	1,418.12		711.64		711.64	706.49
	Total				8,416.48	1,739.68	-	5,736.86	-	5,736.86	4,419.31

(Petitioner)

Part-I
Form-S

Statement of Liability Flow

Name of the Petitioner	NTPC Limited
Name of the Generating Station	NCTPS Dadri Stage-II (ECS)

(Amount in Lacs)

Sr. No.	Name of the work	Name of the Party	Year of creation of liability capitalised in Gross Block	Remakrs	Undischarged liabilities relating to GB 08.02.2024	Liability - against Add Cap from 09.02.2024 to 31.03.2024	Contractors ERV updation	Discharge during 203-24 (From 09.02.2024-31.03.2024)			Undischarged liabilities relating to GB 31.03.2023
								-by payment	-by reversal	Total discharge	
1	Wet FGD Unit#5 (incl common systems)	BHEL	2022-23	Claimed	3,712.82			6.86	0.75	7.61	3,705.21
2	Combustion Modification	GE	2019-20	Claimed	-					-	-
3	Wet FGD Unit#6	BHEL	2023-24	Claimed	706.49	31.78		1.31		1.31	736.96
	Total				4,419.31	31.78	-	8.17	0.75	8.92	4,442.17

(Petitioner)

PART 1
FORM-T

Summary of issue involved in the petition

Name of the Company :		**NTPC Limited**
Name of the Power Station :		**NCTPS Dadri Stage-II (ECS)**
1	**Petitioner:**	**NTPC Limited**
2	**Subject**	**Determination of Supplementary Tariff for 2019-24 period**
3	**i)Approve revised supplementary tariff of NCTPS-II ECS system for the tariff period 2019-24 as per provision of Regulation 13 of Tariff Regulations 2019.** **ii)Pass any other order as it may deem fit in the circumstances mentioned above.**	
4	**Respondents**	
	Name of Respondents	
	a. Uttar Pradesh Power Corp. Ltd.	
	b. BSES Rajdhani Power Ltd. (BRPL)	
	c. BSES Yamuna Power Ltd. (BYPL)	
	d. Tata Power Delhi Distribution Ltd (TPDDL)	

Annexure-A1

REPORT ON MINIMISATION OF WATER REQUIREMENT IN COAL BASED THERMAL POWER STATIONS

CENTRAL ELECTRICITY AUTHORITY
New Delhi – 110066

January' 2012

के. पी. सिंह, सदस्य (तापीय)
केन्द्रीय विद्युत प्राधिकरण
भारत सरकार

संदेश

ओं शं नो देवीरभिष्टय ऽ आपो भवंतु पीतये । शं योरभि स्रवंतु नः ।।

इस मंत्र का भाव है कि दिव्य गुणवाले जल हमारे लिए कल्याणकारक होवें, इष्ट सुख शांति की प्राप्ति के लिए, और पीने के लिए होवें। उनके सदुपयोग से हम पर कल्याणकारक, सर्वदुःख निवारक सुख की वर्षा होवे । इससे पृथ्वी पर जल की समस्त प्राणियों के लिये उपयोगिता सिद्ध होती है । जल के यथार्थ प्रयोग से हम विविध सुखों व ऐश्वर्यों को प्राप्त होवें । अतः यह ताप विद्युत संयंत्रों सहित अन्य उद्योग-धंधों के लिए भी बहुत अनिवार्य है । पिछले कुछ वर्षों में जल की उपलब्धता वर्तमान तथा भविष्य में स्थापित होने वाले ताप विद्युत परियोजनाओं के लिए एक विकट समस्या बन गई है । जल के उपयोग की सबसे अनिवार्य प्राथमिकता पेय जल तथा सिंचाई है । वर्षा मे जहां जल की अधिक उपलब्धता होती है, वहीं ग्रीष्मकाल में जल की सीमित मात्रा अनेक समस्याएं प्रस्तुत कर देती है । यद्यपि वर्षा जल को संग्रह करने के लिए बांध/जलाशय आदि बनाये जा सकते हैं किन्तु इस काम की अपनी अलग सीमायें/समस्याएं हैं । अतः ताप विद्युत परियोजनाओं के उपयोग मे आने वाले जल की यदि हम कुछ बचत कर सकें तो यह मानवता के लिए एक पुनीत कार्य होगा व बचा हुआ जल अन्य परियोजनाओं के लिए उपलब्ध हो सकेगा ।

विद्युत अधिनियम 2003 की धारा 73 के अनुसार, केन्द्रीय विद्युत प्राधिकरण को जो कार्य सौंपे गये हैं, उनके तहत अनेक प्रलेख (डाक्यूमेंट) बनाये जाने हैं।

उपरोक्त तथ्यों को ध्यान में रखते हुए केंद्रीय विद्युत प्राधिकरण में एक समिति का मई 2009 में गठन किया गया था जिसका मुख्य कार्य ताप विद्युत संयंत्रों में उपयोग में आने वाले जल की यथासंभव बचत के लिए सुझाव देना भी शामिल था । इस समिति में एन.टी.पी.सी., बी.एच.ई.एल., राजस्थान राज्य विद्युत उत्पादन निगम, महाजेनको, सी.ई.एस.सी. तथा टी.सी.ई. के सदस्य थे । समिति ने अनेक बैठकें की तथा अपनी संस्तुति "Report on minimisation of water requirement in coal based Thermal Power Stations" नामक रिपोर्ट के रूप में दी है । मैं समिति के सभी सदस्यों को साधुवाद देना चाहूंगा कि उन्होंने अपने अथक प्रयास से यह पुनीत कार्य संपन्न कर दिया है ।

मुझे यह पूर्ण विश्वास है कि उपरोक्त रिपोर्ट में दर्शाए गए जल उपयोग संबंधित मानक, ताप विद्युत परियोजनाओं के परिचालन व योजना से संबंधित सभी लोगों का मार्गदर्शन करेंगे और जल की बचत करने में सहायक सिद्ध होंगे । इसमें दिये गये विवरणों को और अधिक उपयोगी बनाने व भविष्य में जल की खपत को कम करने हेतु आप सभी के बहुमूल्य सुझाव भी आमंत्रित हैं ।

नई दिल्ली
जनवरी, 2012

(कुँवर पाल सिंह)

REPORT ON MINIMISATION OF WATER REQUIREMENT IN COAL BASED THERMAL POWER STATIONS

1.0 Introduction

Water is one of the key input requirements for thermal power generation. Water is required for process cooling in the condenser, ash disposal, removal of heat generated in plant auxiliaries, and various other plant consumptive uses. For power plants located on main land, the raw water is generally drawn from fresh water source such as river, lake, canal, reservoir, barrage. Treated sewage water may also be used as source of raw water for the power plants located adjacent to the cities. For power plants located in coastal areas, water for cooling of condenser and auxiliaries is drawn from the sea or creek which provides for water requirement of the wet ash handling system also. The requirement of water for other plant consumptive uses is met from an alternative source or by installing desalination plant.

Large coal based capacity is required to be added during 12th Plan and beyond at the pace of about 15000 MW per year. Difficulties are already being faced in siting thermal power plants due to non-availability of water, particularly in coal bearing states like Orissa, Jharkhand and Chhattisgarh. This problem is expected to be aggravated in future when more sites would be required. Thus there is a need to minimise consumptive water requirement for thermal power plants.

In States like Rajasthan, the land is available in plenty but there is scarcity of water and naturally drinking and irrigation uses have got priority over industrial uses. In such areas where there is acute shortage of water, use of dry cooling system for condenser cooling can be explored. The condenser pressure achievable in dry cooling system is considerably higher than in wet cooling system and consequently dry cooling systems result in reduced power output and increased heat rate (lower efficiency) of the unit besides higher capital cost. There are considerable number of dry cooling installations including for large size units (≥ 600 MW) operating in different parts of the world. In India also, some small size combined cycle plants, captive power plants and industrial units have been provided with air cooled condensers.

In the above background, CEA, vide circular dated 27.5.2009, constituted a Committee with members drawn from NTPC, BHEL, RRVUNL, MAHAGENCO, CESC and TCE to examine suitability of dry cooling system for condenser cooling in thermal power plants so as to reduce plant consumptive water by a significant order. Later, the scope of the study was widened to include minimisation of plant consumptive water requirement.

2.0 Deliberations

The first meeting of the Committee was held on 19.6.2009 in CEA, New Delhi in which a presentation was also made by SPX- Balcke Duerr on dry cooling

system. The second meeting of the committee was held in CEA, New Delhi on 25.6.2009. The focus in these meetings was on reducing plant consumptive water requirement by use of dry cooling system for condenser cooling in thermal power plants. It was agreed that techno-economic studies shall be carried out for one project site of NTPC comprising of coal based 500 MW size units and one project site of RRVUNL comprising of lignite based 125 MW size units.

In the second meeting of the Committee, a sub-group comprising with members drawn from CEA, NTPC, BHEL and TCE was constituted to firm up site input data and design data for dry cooling system and work out the details of techno economic studies for the selected project sites with requisite inputs to be taken from project utilities, BHEL and suppliers of dry cooling systems. The sub-group held its meetings on 11.9.2009, 25.9.2009 and 23.3.2010. Interactions were held with two suppliers of dry cooling system viz. M/s SPX/ Thermax and M/s GEA- EGI/ Energo, and technical data and budgetary cost data of dry cooling system required for the study were obtained from them. In the third meeting of the sub-group held in CEA, New Delhi on 23.3.2010, it was agreed that techno-economic study shall be carried out only for 500 MW size unit keeping in view similarity of expected results for 125 MW size unit, and poor response regarding receipt of input data pertaining to study for 125 MW size unit.

CEA prepared draft report of the Committee and circulated to the Committee members on 23.6.2010. The draft report was discussed in the third meeting of the committee held in CEA, New Delhi on 6.8.2010. Report of the Committee has been finalised based on the deliberations held in the meeting and inputs received subsequently.

The list of officers who participated in above deliberations is given at Annexure-1.

3.0 Plant Water Requirement

Plant consumptive water requirement is governed by a number of factors such as quality of raw water, type of condenser cooling system, quality of coal, ash utilization, type of ash disposal system, waste water management aspects etc. In the past, power stations were designed with water systems having liberal considerations for various requirements and high design margins. Ash handling system used to be designed for disposal of both fly ash and bottom ash in wet form using lean slurry with ash to water ratio of typically 1:10. The consumptive water requirement for coal based plants with cooling tower used to be about 7 m^3/h per MW without ash water recirculation and 5 m^3/h per MW with ash water recirculation.

In recent past, plants have been designed with consumptive water requirement in the range 3.5 - 4 m^3/h per MW. The typical break-up of plant consumptive water, taken as 4000 m^3/h, for a typical 2x500 MW plant with wet ash disposal without recycling of ash pond water is indicated as below:

➢ Cooling tower make up	:	3450 m^3/h
➢ Ash disposal	:	1300* m^3/h
➢ DM water make up	:	120 m^3/h
➢ Potable & service water	:	250 m^3/h
➢ Clarifier sludge etc.	:	110 m^3/h
➢ Coal dust suppression	:	70 m^3/h
Total	:	4000 m^3/h

*To be tapped from CW system as blow down water and as such not considered in consumptive water."

It may be mentioned that more than 80% of input water is required for make up to the cooling tower. There is continued endeavour for reduction of plant consumptive water requirement, which is discussed in succeeding part of the report.

4.0 Plant Consumptive Water and Optimisation/ Minimisation Aspects

Water is used in almost all areas/ facilities of thermal power stations in one way or other. A typical list of plant systems/ applications requiring consumptive water is indicated as below:

i) Cooling water system for condenser & plant auxiliaries
ii) Ash handling system
iii) Power cycle make up
iv) Equipment cooling system
v) CPU regeneration, if applicable
vi) Air conditioning and ventilation system
vii) Coal dust suppression system
viii) Service water system
ix) Potable water system
x) Gardening
xi) Evaporation from raw water reservoir

Optimisation/ minimisation of plant consumptive water includes measures such as judicious utilization of water in different applications, adoption of reduced margins in various consumptive uses, adequate treatment for deteriorating quality of raw water, use of plant waste waters in various low grade applications and recycling of plant waste waters to maximum extent. The requirement and scheme for utilization of plant waster waters is also governed by stipulation of MOE&F and CPCB/ SPCB in this regard. In some recent projects, MOE&F has stipulated the requirement of zero effluent discharge from plant boundary which has a large bearing on plant water scheme and treatment of waste water to be adopted.

रजिस्ट्री सं० डी० एल०-33004/99 REGD. NO. D. L.-33004/99

भारत का राजपत्र
The Gazette of India

असाधारण
EXTRAORDINARY
भाग II—खण्ड 3—उप-खण्ड (ii)
PART II—Section 3—Sub-section (ii)
प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 2620] नई दिल्ली, मंगलवार, दिसम्बर 8, 2015/अग्रहायण 17, 1937
No. 2620] NEW DELHI, TUESDAY, DECEMBER 8, 2015/AGRAHAYANA 17, 1937

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

अधिसूचना

नई दिल्ली, 7 दिसम्बर, 2015

का.आ. 3305(अ).— केंद्रीय सरकार, पर्यावरण (संरक्षण) अधिनियम, 1986 (1986 का 29) की धारा 6 और धारा 25 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए पर्यावरण (संरक्षण) नियम, 1986 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात् :—

1.(1) इन नियमों का संक्षिप्त नाम पर्यावरण (संरक्षण) संशोधन नियम, 2015 है।

(2) ये उनके राजपत्र में प्रकाशन की तारीख को प्रवृत्त होंगे।

2. पर्यावरण (संरक्षण) नियम, 1986 की अनुसूची 1 में,—

(क) क्रम सं. 5 और उससे संबंधित प्रविष्टियों के स्थान पर निम्नलिखित क्रम सं. और प्रविष्टियां अंतःस्थापित की जाएंगी, अर्थात् :—

क्रम सं.	उद्योग	मापदंड	मानक
1	2	3	4
5क	ताप विद्युत संयंत्र (जल उपभोग सीमा)	जल उपभोग	1. एक बार शीतलन (ओटीसी) के माध्यम से सभी संयंत्र शीतलन टावरों (सीटी) को प्रतिष्ठापित करेंगे और अधिसूचना की तारीख से दो वर्ष की अवधि के भीतर अधिकतम 3.5m³/MWh के विनिर्दिष्ट जल उपभोग को हासिल करेंगे।

			II. सभी विद्यमान सीटी-आधारित संयंत्र 3.5m³/MWh इस अधिसूचना के प्रकाशन की तारीख से दो वर्ष के भीतर अधिकतम 3.5m³/MWh तक के विनिर्दिष्ट जल उपभोग को कम करेंगे। III. जनवरी, 2017 के पश्चात् प्रतिष्ठापित किए जाने वाले नए संयंत्र अधिकतम 2.5 m³/MWh तक के विनिर्दिष्ट जल उपभोग को पूरा करेंगे और शून्य जल द्रव्य को हासिल करेंगे।

(ख) क्रम सं. 25 और उनसे संबंधित प्रविष्टियों के पश्चात् निम्नलिखित क्रम सं. और प्रविष्टियां रखी जाएंगी, अर्थात् :—

क्रम सं.	उद्योग	मापदंड	मानक
1	2	3	4
		विवक्त पदार्थ	100 mg/Nm³
		सल्फर डायोक्साइड(SO_2)	600 mg/Nm³ (500 मेगावाट से कम क्षमता की इकाईयों से लघु इकाईयां) 200 mg/Nm³ (500 मेगावाट और उससे अधिक क्षमता की इकाईयां)
		नाइट्रोजन के आक्साइड (NOx)	300 mg/Nm³
		पारा (Hg)	0.03 mg/Nm³ (500 मेगावाट और उससे अधिक क्षमता की इकाईयां)
		1 जनवरी, 2003 के पश्चात् 31 दिसंबर, 2016* तक प्रतिष्ठापित टीपीपी (इकाईयां)	
		विवक्त पदार्थ	50 mg/Nm³
		सल्फर डायोक्साइड (SO_2)	600 mg/Nm³ (500 मेगावाट से कम क्षमता की इकाईनों से लघु इकाईयां) 200 mg/Nm³ (500 मेगावाट और उससे अधिक क्षमता की इकाईयां)
		नाइट्रोजन के आक्साइड (NOx)	300 mg/Nm³
		पारा (Hg)	0.03 mg/Nm³
		1 जनवरी, 2017** से प्रतिष्ठापित टीपीपी (इकाईयां)	
		विवक्त पदार्थ	30 mg/Nm³
		सल्फर डायोक्साइड (SO_2)	100 mg/Nm³
		नाइट्रोजन के आक्साइड	100 mg/Nm³

		(NOx)	
		पारा (Hg)	0.03 mg/Nm³

* टीपीपी (इकाईयां) इस अधिसूचना के प्रकाशन की तारीख से दो वर्ष के भीतर परिसीमाओं को पूरा करेंगी।

** इसके अंतर्गत सभी टीपीपी (इकाईयां) हैं, जिन्हें पर्यावरणीय निकासी प्रदान की गई है और संनिर्माण के अधीन है।

[फा. सं. क्यू-15017/40/2007-सीपीडब्ल्यू]

डा. राशिद हसन, सलाहकार

टिप्पण :- मूल नियम भारत के राजपत्र, असाधारण, भाग II, खंड 3, उपखंड (ii) में सं. का.आ. 844(अ) 19 नवंबर, 1986 द्वारा प्रकाशित किए गए थे और उनका पश्चात्वर्ती का.आ. 433(अ) तारीख 18 अप्रैल, 1987 ; सा.का.नि 176(अ) तारीख 2 अप्रैल, 1996; सा.का.नि. 97 (अ), तारीख 18 फरवरी, 2009 ; सा.का.नि 149(अ) तारीख 4 मार्च, 2009 ; सा.का.नि. 543(अ) तारीख 22 जुलाई, 2009 ; सा.का.नि. 739(अ) तारीख 9 सितम्बर, 2010 ; सा.का.नि. 809(अ) तारीख 4 अक्टूबर, 2010, सा.का.नि. 215(अ) तारीख 15 मार्च, 2011 ; सा.का.नि. 221(अ) तारीख 18 मार्च, 2011 ; सा.का.नि. 354(अ) तारीख 2 मई, 2011 ; सा.का.नि. 424(अ) तारीख 1 जून, 2011 ; सा.का.नि. 446(अ) तारीख 13 जून, 2011 ; सा.का.नि. 152(अ) तारीख 16 मार्च, 2012 ; सा.का.नि. 266(अ) तारीख 30 मार्च, 2012 ; सा.का.नि. 277(अ) तारीख 31 मार्च, 2012; सा.का.नि. 820(अ) तारीख 9 नवम्बर, 2012 ; सा.का.नि. 176(अ) तारीख 18 मार्च, 2013 ; सा.का.नि. 535(अ) तारीख 7 अगस्त, 2013 ; सा.का.नि. 771(अ) तारीख 11 दिसम्बर, 2013 ; सा.का.नि. 2(अ) तारीख 2 जनवरी, 2014 ; सा.का.नि. 229(अ) तारीख 28 मार्च, 2014 ; सा.का.नि. 232(अ) तारीख 31 मार्च, 2014 ; सा.का.नि. 325(अ) तारीख 7 मई, 2014, सा.का.नि. 612(अ) तारीख 25 अगस्त, 2014 और अंतिम संशोधन सा.का.नि. 789(अ) तारीख 11 नवम्बर, 2014 किया गया था।

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 7th December, 2015

S.O. 3305(E).— In exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely:–

1. (1) These rules may be called the Environment (Protection) Amendment Rules, 2015.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Environment (Protection) Rules, 1986, in Schedule – I, -

(i) after serial number 5 and entries relating thereto, the following serial number and entries shall be inserted, namely:–

Sr. No.	Industry	Parameter	Standards
1	2	3	4
"5A.	Thermal Power Plant (Water consumption limit)	Water consumption	I. All plants with Once Through Cooling (OTC) shall install Cooling Tower (CT) and achieve specific water consumption upto maximum of 3.5m³/MWh within a period

			of two years from the date of publication of this notification. II. All existing CT-based plants reduce specific water consumption upto maximum of 3.5m³/MWh within a period of two years from the date of publication of this notification. III. New plants to be installed after 1st January, 2017 shall have to meet specific water consumption upto maximum of 2.5 m³/MWh and achieve zero waste water discharged";

(b) for serial number 25, and the entries related thereto, the following serial number and entries shall be substituted, namely:-

Sr. No.	Industry	Parameter	Standards
1	2	3	4
"25.	Thermal Power Plant	TPPs (units) installed before 31st December, 2003*	
		Particulate Matter	100 mg/Nm³
		Sulphur Dioxide (SO_2)	600 mg/Nm³ (Units Smaller than 500MW capacity units) 200 mg/Nm³ (for units having capacity of 500MW and above)
		Oxides of Nitrogen (NOx)	600 mg/Nm³
		Mercury (Hg)	0.03 mg/Nm³ (for units having capacity of 500MW and above)
		TPPs (units) installed after 1st January,2003, upto 31st December, 2016*	
		Particulate Matter	50 mg/Nm³
		Sulphur Dioxide (SO_2)	600 mg/Nm³ (Units Smaller than 500MW capacity units) 200 mg/Nm³ (for units having capacity of 500MW and above)
		Oxides of Nitrogen (NOx)	300 mg/Nm³
		Mercury (Hg)	0.03 mg/Nm³
		TPPs (units) to be installed from 1st January, 2017**	
		Particulate Matter	30 mg/Nm³
		Sulphur Dioxide (SO_2)	100 mg/Nm³
		Oxides of Nitrogen (NOx)	100 mg/Nm³
		Mercury (Hg)	0.03 mg/Nm³

*TPPs (units) shall meet the limits within two years from date of publication of this notification.

**Includes all the TPPs (units) which have been accorded environmental clearance and are under construction".

[F. No. Q-15017/40/2007-CPW]

Dr. RASHID HASAN, Advisor

Note: - The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i) *vide* number S.O. 844(E), dated the 19th November, 1986 and subsequently amended *vide* the following notifications:—

S.O. 433(E), dated 18th April 1987; G.S.R. 176(E) dated 2nd April, 1996; G.S.R. 97(E), dated the 18th February, 2009; G.S.R. 149(E), dated the 4th March , 2009; G.S.R. 543(E), dated 22nd July, 2009; G.S.R. 739(E), dated the 9th September, 2010; G.S.R. 809(E), dated, the 4th October, 2010, G.S.R. 215(E), dated the 15th March, 2011; G.S.R. 231(E), dated the 18th March, 2011; G.S.R. 354(E), dated the 2nd May, 2011; G.S.R. 424(E), dated the 1st June, 2011; G.S.R. 446(E), dated the 13th June, 2011; G.S.R. 152(E), dated the 16th March, 2012; G.S.R. 266(E), dated the 30th March, 2012; and G.S.R. 277(E), dated the 31st March, 2012; and G.S.R. 820(E), dated the 9th November, 2012; G.S.R. 176(E), dated the 18th March, 2013; G.S.R. 535(E), dated the 7th August, 2013; G.S.R. 771(E), dated the 11th December, 2013; G.S.R. 2(E), dated the 2nd January, 2014; G.S.R. 229(E), dated the 28th March, 2014; G.S.R. 232(E), dated the 31st March, 2014; G.S.R. 525(E), dated the 07th May, 2014, G.S.R. 612,(E), dated the 25th August, 2014 and lastly amended vide notification G.S.R. 789(E), dated 11th November, 2014.

Printed by the Manager, Government of India Press, Ring Road, Mayapuri, New Delhi-110064
and Published by the Controller of Publications, Delhi-110054.

Annexure-A3

ANNEXURE- 8

Central Electricity Authority
Government of India
System Planning & Project Appraisal Division
Sewa Bhawan R K Puram,
New Delhi -110066

No.1/9/06-SP&PA/

Dated 7/10/08

-As per List enclosed-

Sub: Summary Record of the 26th meeting of the Standing Committee on Transmission System Planning of Northern Region held on 13th October, 2008 at 1000 Hrs. in Chamba, Uttarakhand.

Sir,

Please find enclosed the minutes of the 26th meeting of the Standing Committee on Transmission System Planning of Northern Region held on 13th October, 2008 at 1000 Hrs. in Chamba, Uttarakhand. This is for your kind information and further necessary action at your end please. **The minutes is also be available in CEA website under PS wing/standing committee meeting/NR.**

Yours faithfully,

(GOUTAM ROY)
Director (SP&PA)

[illegible] AIVA 1 phase [illegible]
[illegible] and Anpara D.
[illegible] 7[illegible] V S C line charged at 400kV
[illegible] forward [illegible] charging the line at 765kV

137

196

them at cost Member (PS), CEA stated that HVPNL should consider the proposal favorably. Director, HVPNL stated that DTL might send the proposal to them and assured to consider it favorably.

4. Intra-stateTransmission System in Punjab

4.1 Members noted the following transmission schemes for Punjab and concurred to the proposed connectivity with the regional system:

i) Talwandi Sabo - Muktsar 400 kV D/C line
ii) Muktsar - Patti - Nakodar 400 kV D/C
iii) Patti - Amritsar (PGCIL) 400 kV D/C line
iv) Talwandi Sabo - Nakodar 400 kV D/C (one ckt to be LILOed at Moga 400kV PGCIL s/s)
v) Talwandi Sabo - Dhuri 400 kV D/C
vi) Dhuri - Rajpura 400 kV D/C
vii) Rajpura - Rajpura TPS 400kV D/C
viii) Rajpura TPS - Nakodar 400kV D/C
ix) Establishment of 400/220 kV S/S by PSEB at Muktsar, Patti and Nakodar with 2x315 MVA 400/220kV trf at each
x) Establishment of 400/220 kV S/S by PSEB at Rajpura and Dhuri with 2x500 MVA 400/220kV trf at each

In the above, works at (iii) and (iv) require interface with regional network of PGCIL.

5. 765kV System for the Central part of Northern Grid.

5.1 CE, SP&PA, CEA stated that proposal for the 765kV system around Delhi was re-discussed in the last meeting of Standing Committee (25th meeting held on 10-7-2008) when it was decided to review the proposal in view of injection of Bawana, Jhajjar and Dadri-II power. Subsequently, Jhajhar-II and injection of Adani Power at Mohindergarh have also necessitated review of the scheme based on further detailed studies. Accordingly, studies have been done considering all the additional schemes and also the increased demand that could be met through addition of planned generation. In this, reconfiguration of Delhi ring was also considered so as to address the short circuit level issue. The following scheme was proposed:

- Establishment of 765kV, 2x1500MVA 765/400kV substation at Meerut
- Agra-Meerut 765kV S/C (also proposed to be LILOed at G.Noida of UPPCL).
- Agra-Jatikalan mor(Delhi) 765kV S/C
- Establishment of New 765kV 2x1000MVA 765/400kV and 2x315MVA 400/220kV substation at Bhiwani and New 765kV S/S at Jatikalan mor with 4x1500MVA 765/400kV ICT
- Jatikalan mor-Bhiwani 765kV S/C
- Meerut-Bhiwani 765kV S/C

138

197

- Bhiwani-Moga 765kV S/C
- Upgrading Moga S/S to 765kV /400kV 2x1500 MVA, 765/400 kV ICT
- Augmentation of Agra 765kV s/s for bays
- Necessary Reactive Compensation – bus and line reactors

- LILO of both circuits of Bawana/Bahaduragh-Hissar 400kV D/C at Bhiwani
- LILO of both circuits of Mundka-Bamnouli 400kV D/C at Jatikalan mor
- LILO of both circuits of Bareilly-Mandola 400kV D/C line at Meerut so as get four number of 400kV circuits between Mandola anmd Meerut.

- 400kV bus at Jatikalan to be split in two parts with 2x1500 MVA 765/400kV ICT on the Bamnouli side and 2x1500 MVA 765/400kV ICT on Mundka side.

- Mandola 400kV bus also to be split with two circuits to Meerut and two circuits to Bawana on one side and other two circuits to Meerut and Dadri circuits to be on other side.

With the above arrangement, Delhi 400kV system would become Dadri – Mandola – Meerut – Mandola – Bawana – Mundka - Jatikalan 400kV – Jatikalan 765kV – Jatikalan 400kV – Bamnoli – Samaypur and Dadri – G.Noida / Maharanibagh – Nawada(HVPNL) – Samaypur

** **Dadri –G. Noida/M.bag – Nawada – Samaypur 400 kV to be kept open from Delhi ring at Samaypur.**

With above arrangements, 400 kV Jhjjhar-MundkaD/C line could be connected to 400kV Mundka S/S on 400kV Delhi ring keeping the short circuit /load remaining within limits.

5.2 As desired by the members the short circuit studies for Delhi system and the load flow Study Case with the 765 kV system given as under.

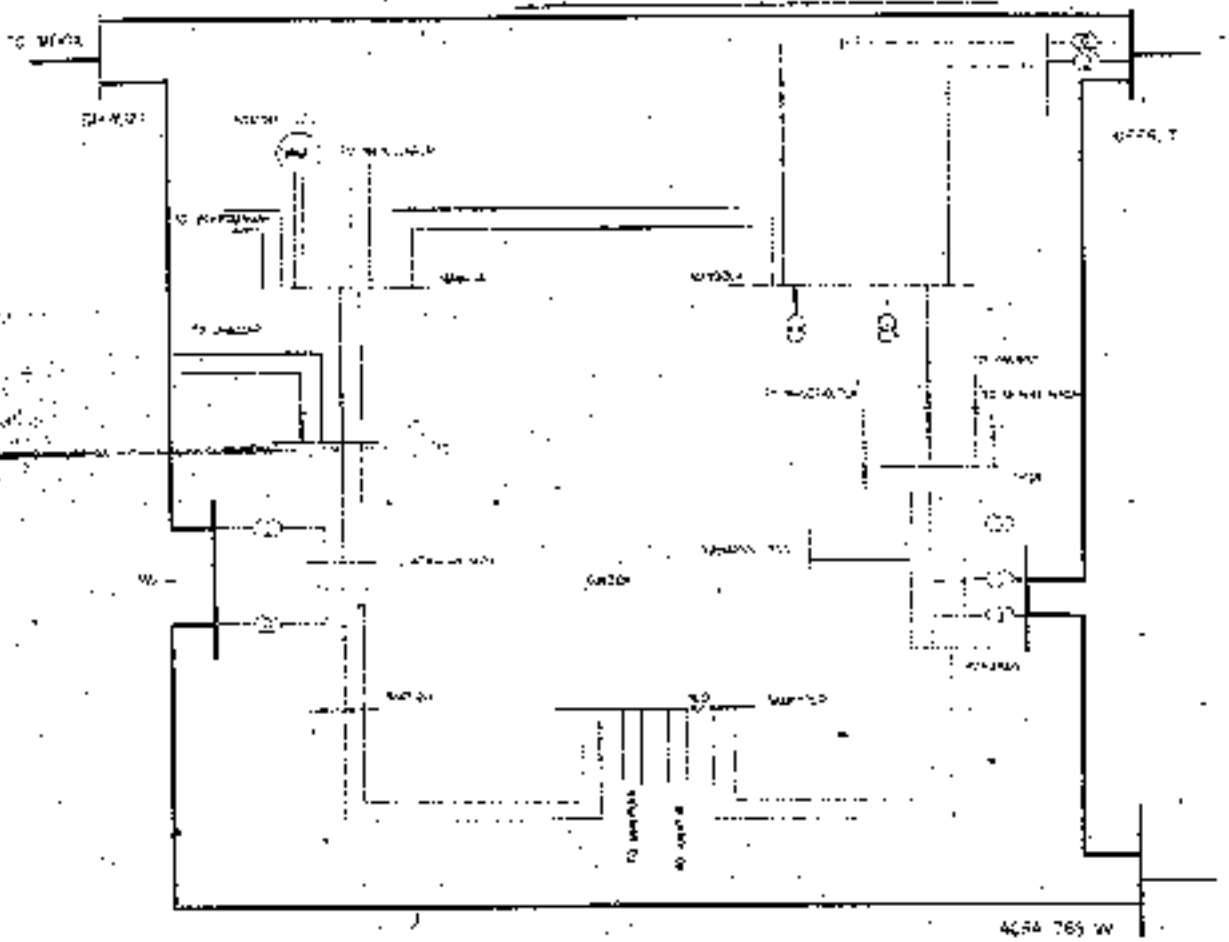
The results of shortcircuit studies before splitting of Delhi 400 kV ring is as below:

Substation	Fault current (kA)	Substation	Fault current (kA)
Dadri	41.7	Mandaula	48.8
Bawana	46.7	Mundka	16.7
Ballabhgarh	45.4	Jattikalan mor	53.2
Bamnauli	46.7		

198

139

765 kV RING ALOG NCR



With splitting of Delhi ring as above the result of the short circuit level of Delhi system is as under:

Substation	Fault current (kA)	Substation	Fault current (kA)
Dadri	30.7	Mandaula	30
Bawana	31.8	Mundka	29.2
Ballabhgarh	27.9	Jattikalan mor	28
Bamnauli	28.3		

199

140

9. **Proposal for loop in loop out of 220 kV Jullundhur - Hamirpur line near Gagret 220/132 kV S/S of Himachal Pradesh**

9.1 CE (SP&PA) stated that HPSEB had proposed to loop in loop out one circuit of the 220 kV Jullundhur - Hamirpur Central sector line at their Gagret 220/132 kV S/S to meet the load demand in that area. He stated that considering distribution of load in both the Jullundhur - Hamirpur D/C line after the loop in loop out it was advisable that HPSEB may consider loop in loop out of both the circuit instead of one circuit as proposed. The matter was agreed by all the members.

10. **Transmission system associated with Dadri II TPS (2x490 MW)**

10.1 CE (SP&PA) stated that the evacuation system for Dadri II TPS was agreed in the 21st and 22nd meeting of the Standing Committee and it was proposed to have a 400 kV D/C line from Dadri to Bamnauli routed via Badarpur/Mehrauli, utilizing the corridor of 220 kV Badarpur-Mehrauli-Bamnauli line which could be upgraded to multi-circuit tower accommodating the 400 kV D/C as well as the 220 kV D/C lines on the same towers. However from the route alignment proposed by PGCIL it was seen that it was not as per the proposal agreed in the standing committee. It was observed that the route proposed by POWERGRID was passing through congested area of Delhi and Gurgaon where there would be severe constraints in obtaining R-O-W for construction of the line.

10.2 Director(OP.)DTL stated that they would not need any power at Bamnoli as there was already a proposal for Bamnoli CCGT and it would be better if the Dadri II power aws injected to Loni Road. It was further informed that DTL had already identified the land near Nand Nagari at Loni Road and had also given application to DDA under section 17 for aqusition of the land. The NIT for construction of the S/S would be invited by December 2008 and final placement of contact would take about six more month with the completion schedule of 18 months from the date of award of contact. It was opined that instead of the earlier proposal the 400 kV D./C line from Dadri II might be taken to Nand Nagri/ Loni Road(DTL). The proposal was agreed by the members of the Committee. NTPC stated that the first unit of Dadri was expected in 2009 and the second at 2010 and as such they do not have any objection to the proposal, however they would like to be assured that the fault level at Dadri with this arrangement was within the limit. Accordingly it was decided that PGCIL would carry out study that 2009-10 condition for studying the impact of the Dadri generation on the fault level at Dadri with the above transmission system.

11. **Requirement of shifting of Sasaram HVDC module.**

11.1 Member (PS), CEA stated that Sasaram HVDC module was proposed to be shifted to Kolhapur under the SR-WR scheme with 50% transmission charges agreed by SR but WR agreeing to only 25%

200

191

केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
प्रणाली आयोजना एवं परियोजना मूल्यांकन प्रभाग
SP&PA Division

No. 1/9/08-SP&PA/ 1060 Dated: 12.11.08

- As per list enclosed-

Sub:- Corrigendum to the Minutes of the Meeting of 26th Standing Committee for transmission system planning of NR held in Chamba on 13.10.08.

Minutes of 26th meeting was circulated vide letters dated 27.10.2008 and based on comments received from NTPC, DTL and M/s PKTCL the following corrigendum is proposed in the Minutes of the Meeting of 26th Standing Committee for transmission system planning of NR held in Chamba on 13.10.08 to reflect the discussions/decision on the issues relating to Power evacuation arrangement from Dadri II TPS (2x490 MW) and its connectivity with Loni Road S/S, suggestions of DTL regarding Protection Philosophy of 400 & 220KV Lines and Standardization of Accessories for Transformers and M/s PKTCL issue on Parbati –Koldam transmission system

1 **Transmission system associated with Dadri II TPS (2x490 MW)**

para 10.2 item 10 of the minutes of the meeting may be read as

..... line 12... committee. NTPC stated that unit #1 and #2 at Dadri was expected by September 2009 and February 2010 respectively and requested whether entire generation of Dadri power station, including that of additional 980 MW of Stage II can be evacuated with the present transmission lines from existing Dadri 400 kV bus during the intervening period till commissioning of Loni Road S/S of DTL.

The matter was discussed and it was observed that by Dadri time frame, there would not be any problem in evacuation of Dadri II power without splitting of the Dadri bus. However, PGCIL would need to carry out the study for the impact of Dadri II generation on the fault level at Dadri under 2009-10 timeframe. PGCIL in consultation with CEA would chalk out necessary arrangement so that till the planned transmission system of Dadri II was in place, the fault level at Dadri bus is contained with in limit. Further it was also agreed that, during split bus operation with Dadri – Loni Road 400 KV D/C line in place, one of the circuit of Dadri – Loni Road 400 KV line could be connected to each split bus section of Dadri 400 KV bus

142 201

to enhance the redundancy and reliability of evacuation system from Dadri III.

II **To be appended as para 6.4 of the Minutes of the Meeting of 28th Standing Committee for transmission system planning of NR**

DTL intimated certain aspect relating to Protection Philosophy of 400 & 220KV Lines and Standardization of Accessories for Transformers. Letter dated 6/11/08 on this issue from DTL is enclosed for information.

(Goutam Roy)
Director (SP&PA)

Government of India
Central Electricity Authority
SP&PA Division
R.K. Puram, New Delhi -110066

F.No. 1/9/SP&PA-12/ **Dated: 20/1/12**

-As per list enclosed-

Sub: The 30th meeting of the Standing Committee on Power System Planning of Northern Region

Sir,

It is intimated that the minutes of 30th meeting of the Standing Committee on Power System Planning of Northern Region held on **19th December 2011(Monday) at NRPC Conference Room, Katwaria Sarai, New Delhi** have been uploaded on the CEA website www.cea.nic.in (*path to access- wing specific document / power system related reports/ standing committee on power system planning/northern region*).

Your comments/suggestions are welcome.

Thanking You.

Yours faithfully,

(B.K.Sharma)
Director (SP&PA)

-List of Addresses-

1. Member Secretary NREB, 18-A Shajeed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi – 110016 (Fax-011-26865206)	7. Director (Transmission) UPPTCL, Shakti Bhawan Extn,3rd floor, 14, Ashok Marg, Lucknow - 226 001 (Fax-0522-2288410)	13. Development Commissioner (Power), Civil Secretariat, JAMMU - 180 001 (Fax-0191-2545447, 2530265)
2. Director (Projects) NTPC, NTPC Bhawan, Core 7, Scope complex– 6, Institutional Area, Lodhi Road, New Delhi – 110003 (Fax-011-24361018)	8. Director (Transmission) Urja Bhawan, Kawali Road, Dehradun, Uttaranchal - 248 001 (Fax-0135-2762460)	14. Member (Power) BBMB, Sectot-19 B Madya Marg, Chandigarh-160019 (Fax-0172-2549857)
3. Director (Technical) NHPC Office Complex, Sector – 33, NHPC, Faridabad - 121 003 (Fax-0129-2277941)	9. Director (Operations) Delhi Transco Ltd. Shakti Sadan, Kotla Marg, New Delhi - 110 002 (Fax-011-23234640)	15. Chief Engineer (Transmission) NPCIL,9- S-30 Vikram Sarabhai Bhawan, Anushakti Nagar, Mumbai - 400 094 (Fax-022-25993570, 25563350)
4. Director (Projects) POWERGRID, Saudamini, Plot no. 2, Sector - 29, Gurgaon-122 001 (Fax-0124-2571932)	10. Director(Technical) Punjab State Transmission corporation Ltd. (PSTCL), Head Office The Mall, Patiala - 147 001 (Fax-0175-2304017)	16. Chief Engineer (Operation) Ministry of Power, UT Secretariat,Sector-9 D Chandigarh - 161 009 (Fax-0172-2637880)
5. Sr. Vice President, PTC Ltd, 2nd floor, 15 NBCC Tower, Bhikaji Cama Place, New Delhi – 110066 (Fax-011-41659145)	11. Director (Projects) HVPNL Shakti Bhawan, Sector -6 Panchkula - 134 109 (Fax-0172-2560640)	17. Managing Director, HP PowerTransmission Corporation Ltd. Himfed Bhawan, Panjari, old MLA Quarters, SHIMLA-171004 (Fax-0177-2626284, 2626283)
6. Director(Technical) HPSEB Ltd. Vidyut Bhawan, SHIMLA-171004 (Fax-0177-2813554)	12. Director(Technical) THDC Ltd. Pragatipuram, Bypass Road, Rishikesh- 249201 Uttaranchal (Fx-0135-2431519)	18. Director (Transmission) RRVPNL, Vidyut Bhawan, Janpath Jyoti Nagar, Jaipur Rajasthan Fax-0141-2740794

Minutes of 30th Standing Committee Meeting on Power System Planning of Northern Region held on 19th December 2011 at NRPC, New Delhi

List of participants is enclosed at **Annexure I.**

Member (PS), CEA welcomed the participants of 30th Standing Committee Meeting of Power System Planning of Northern Region and thanked them for their presence in the meeting despite inclement weather and problems in traveling due to road/air traffic disruptions.

He asked Director (SP&PA), CEA to take up the agenda items for discussion.

1. Confirmation of minutes of 29th Standing Committee Meeting held on 29.12.2010

Director (SP&PA), CEA stated that Minutes of 29th meeting were uploaded on CEA website and intimation in this regard, was sent to members vide CEA letter no.-1/9/2010-SP&PA dated 20.1.2011. He informed that CEA has not received any comments on the minutes of the above meeting.

Regarding transmission system for Orissa phase-II projects & Orissa UMPP, HVPN representative stated that a 765 kV sub-station near Ambala was proposed as per the minutes of above meeting. He mentioned that Ambala would be about 40 km from Kurushetra where HVDC terminal was planned and therefore this location needed to be changed. POWERGRID representative explained that the location of 765 kV sub-station was tentatively indicated as Ambala in the Minutes of 29th Standing Committee Meeting of NR would be reviewed as per the firming up of generation addition of Orissa Phase-II generators, load requirement and network development.

As no other comment was received from members, the minutes of 29th Standing Committee meeting were confirmed.

2. Interconnection of Sewa-III HEP (3x3 MW) with evacuation system of Sewa-II HEP (120 MW) for improving system reliability

Director (SP&PA), CEA stated that Power Development Department (PDD) / J&K State Power Development Corporation (JKSPDC) had requested for connectivity of Sewa-III HEP(3x3 MW) with evacuation system of Sewa-II for improving system reliability and reducing generation loss. Sewa-III HEP of J&K SPDC was commissioned in 2003-04 and evacuation of power from the project is being made through local 33 kV transmission system which is prone to interruptions on account of various faults, thereby incurring loss of generation from this power house. He stated that JKSPDC had informed that the 33 kV line (3km) from Sewa-III to Sewa-II generating switchyard along with its terminating bay had already been constructed and a 33/132 kV, 10 MVA transformer alongwith its bays had also been erected at Sewa-II generating switchyard.

RVPNL representative commented that a small machine integrated with a large system might lead to higher short circuit levels at Sewa-III generation switchyard and to avoid the situation, J&K should strengthen its 33kV network for evacuation. J&K representative intimated that the proposed interconnection is only for

improving reliability and for evacuation of power under normal conditions, adequate 33kV evacuation system had been provided. Further, at Sewa-II HEP, 4 nos of 132 kV ckts were available and therefore the proposed interconnection would not cause any problem in evacuation of power. Regarding short circuit level at Sewa-III, 33 kV generation switchyard, it was explained that injection of fault current from Sewa-II generators would get restricted by 132/33 kV interconnecting transformer and it was confirmed by studies that short circuit levels at Sewa-III 33 kV generation switchyard was within its rating. It was also mentioned that similar issue had already been deliberated in the earlier Standing Committee Meetings and incase adequate transmission system had been provided for evacuation of power from any State Generating Station and interconnection was requested for improving reliability the same was agreed.

In view of the above, members agreed for the above proposal of interconnection of Sewa-III HEP (3x3 MW) with Sewa-II HEP (120 MW).

3. Power Evacuation System of 750 MW Gas based combined cycle power project at Bamnauli

Director (SP&PA), CEA stated that Pragati Power Corporation Ltd. (PPCL) intimated that 750 MW gas based combined cycle power project at Bamnauli, New Delhi would be commissioned by June 2015. PPCL had intimated that land had already been acquired for the project, clearance from Ministry of Environment & Forest had been obtained, NOC from Ministry of Civil Defence and Civil Aviation Authority had been received, Long term PPA had already been signed with Delhi DISCOMS, Water requirement had been tied up with Delhi Jal Board, Open Access applied to STU i.e Delhi Transco Ltd and NOA for setting up plant had been placed on M/s BHEL.

PPCL also informed that shifting of 400 kV Overhead transmission line from Bamnauli to Ballabhgarh and Bamnauli to Bawana with underground cables for accommodating the plant was at advanced stage.

Director (SP&PA), CEA mentioned that transmission system in and around Delhi was very sensitive to high short circuit level. Considering this, short circuit study of Delhi network has been carried out for the 12th plan period taking into consideration splitting of 400 kV buses at Samaypur, Dadri, Mandaula, Bawana and Jhatikalan as per the recommendations of 26th Standing Committee Meeting for Power System Planning of Northern Region. The results of studies indicated following short circuit level at Bamnauli and adjoining buses:-

Bamnauli (400kV Bus)- 29.8 kA ,
Samaypur(400 kV Bus)- 29 .5 kA,
Jhatikalan(400 kV Bus)- 30.65 kA,
Bamnauli(220 kV Bus) – 39.10 kA

The above results were found to be within designed rating of the 400/220 switchgear equipment installed. POWERGRID stated that the SC level at Bamnauli 220 kV is close to 40 kA and necessary splitting at 220 kV level should be taken up by DTL. DTL confirmed that they had already taken up the splitting of 220 kV bus in

their system. RVPNL stated that this issue was under the purview of STU and deliberations were not required in Standing Committee Meeting. Director (SP&PA), CEA stated that considering the high short circuit levels in Delhi area, the above issue was included for the information of members.

NRLDC representative enquired about the status of the bus splitting at various 400 kV substations of Delhi ring. DTL representative informed that physical works were almost complete at Bawana substation and splitting would be carried out before the commissioning of module-2 of Bawana CCGT which was expected by March/April 2012. Regarding Mandaula substation, POWERGRID stated that works related to LILO of Bareilly – Mandaula 400 kV D/c line were under progress and Mandaula splitting would be carried out after completion of above LILO work, which was expected in next 6-8 months.

NTPC representative stated that the splitting of Dadri 400 kV bus would be carried out after the commissioning of Dadri – Loni Road 400 kV D/c line and Loni Road substation of DTL. DTL informed that 400 kV Loni Road S/s was expected by June 2012.

POWERGRID representative stated that as per operational feedback received from ED(SO&NLDC) all the substations (where bus-splitting had been planned) should also have provision for interconnecting facilities so that during emergency these could be used for operational flexibility.

NTPC representative stated that as per ATS finalized for Dadri-II, no provision of bus sectionaliser between the split buses was originally envisaged. In view of feedback from ED (SO&NLDC) as mentioned above, NTPC proposed to provide bus sectionaliser between the split bus sections of Dadri generation switchyard.

After detailed deliberations the proposal of injection of power at 400 kV Bamnauli bus was agreed subject to completion of bus-splitting at various 400 kV S/s of Delhi ring. It was also agreed that NTPC would provide 400 kV bus sectionaliser between the split bus sections of Dadri generation switchyard.

4. Utilization of 400kV Roorkee Substation (PG) by PTCUL

Director (SP&PA), CEA stated that PTCUL had intimated regarding severe Right- of- Way constraints in the vicinity of the 400 kV Roorkee substation, due to which it was not possible to construct 220kV double circuit line from this substation. He further informed that PTCUL had proposed to set up their 220/33 kV, 2x50 MVA S/s in the premises of POWERGRID's 400/220 kV Roorkee substation.

POWERGRID representative proposed that the above works might be carried out by them on deposit work basis and subsequent O&M might also be carried out by POWERGRID.

DTL & RVPNL stated that POWERGRID should not enter into construction of 33kV substation facilities in their 400/220 kV switchyard as this would set a new precedence and similar requests might follow from other constituents in future. DTL

CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

No. L-1/18/2010-CERC New Delhi, 28th April 2010

PREAMBLE

The Indian Electricity Grid Code (IEGC) is a regulation made by the Central Commission in exercise of powers under clause (h) of sub-section (1) of Section 79 read with clause (g) of sub-section (2) of Section 178 of the Act. The IEGC also lays down the rules, guidelines and standards to be followed by various persons and participants in the system to plan, develop, maintain and operate the power system, in the most secure, reliable, economic and efficient manner, while facilitating healthy competition in the generation and supply of electricity.

NOTIFICATION

In exercise of powers conferred under clause (h) of sub-section (1) of Section 79 read with clause (g) of sub-section (2) of Section 178 of the Electricity Act, 2003 (36 of 2003), and all other powers enabling it in this behalf, the Central Electricity Regulatory Commission hereby makes the following regulations.

1. Short title, extent and commencement

(1) These Regulations may be called the Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2010.

(2) These Regulations shall come into force from 3.5.2010.

(3) These regulations shall supersede the Indian Electricity Grid Code, 2006 which came into effect from 1.4.2006.

2. Definitions

(1) In these Regulations unless the context otherwise requires:

- Outage of single Interconnecting Transformer, or
- Outage of one pole of HVDC Bipole line, or one pole of HVDC back to back Station or
- Outage of 765 kV S/C line

b. without necessitating load shedding but could be with rescheduling of generation during steady state operation-

- Outage of a 400 kV S/C line with TCSC, or
- Outage of a 400kV D/C line, or
- Outage of both pole of HVDC Bipole line or both poles of HVDC back to back Station or
- Outage of a 765kV S/C line with series compensation.

ii) The above contingencies shall be considered assuming a pre-contingency system depletion (Planned outage) of another 220 kV D/C line or 400 kV S/C line in another corridor and not emanating from the same substation. The planning study would assume that all the Generating Units operate within their reactive capability curves and the network voltage profile are also maintained within voltage limits specified.

(b) The ISTS shall be capable of withstanding the loss of most severe single system infeed without loss of stability.

(c) Any one of these events defined above shall not cause:

i. Loss of supply
ii. Prolonged operation of the system frequency below and above specified limits.
iii. Unacceptable high or low voltage
iv. System instability
v. Unacceptable overloading of ISTS elements.

(d) In all substations (132 kV and above), at least two transformers shall be provided. .

(e) CTU shall carry out planning studies for Reactive Power compensation of ISTS including reactive power compensation requirement at the generator's /bulk consumer's switchyard and for connectivity of new generator/ bulk consumer to the ISTS in accordance with Central Electricity Regulatory Commission (Grant of Connectivity, Long-term Access and Medium-term Open Access in inter-state Transmission and related matters) Regulations ,2009.

(f) Suitable System Protection Schemes may be planned by NLDC/RLDC in consultation with CEA, CTU, RPC and the Regional Entities, either for enhancing transfer capability or to take care of contingencies beyond that indicated in a(i) above

3.6 Planning Data

(a) Under this Planning Code, the Regional entities/STUs/State Generating Companies/IPPs/licensees are to supply data in accordance with the detailed

Annexure-A6

पावर [illegible] इंडिया लिमिटेड

(भारत सरकार का उद्यम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

पावरग्रिड

[illegible]

Corporate Office: "Saudamini" Plot No-2, Sector-29, Gurgaon - 122 001 Haryana

Tel : 0124-2571700 - 719 Fax : 0124-2571760, 0124-2571761 Gram : 'NATGRID'

[illegible] / Ref. No. [illegible] / CORPORATE CENTRE

C\CTU\N\NTPC\02

Date: 29th May, 2013

Shri Dinkar Devate
GM(PE-Elect),
NTPC Ltd.,
Engineering Office complex,
Plot No. A-8A, Post Box no-13,
Noida(UP)-201201

Sub: 400kV Bus reactor rating at Dadri 400kV switchyard.

Dear Sir,

We write with reference to your letter dated 10/05/2013 on the above subject.

In this regard, it may be mentioned that reactive compensation being a local phenomenon, it is studied area wise and the reactive compensation requirement is assessed. Regarding reactive compensation requirement at Dadri, the voltage profile of last six months indicate that average monthly voltage profile is about 410kV. Considering the short circuit level and voltage profile of Dadri, it is proposed that a 125MVAR bus reactor may be considered.

Thanking you,

Yours Sincerely,

(Mukesh Khanna)
DGM (CTU)

[illegible]

Registered Office : B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110016 Tel : 011-26560121 Fax : 011-26560039 Gram : NATGRID

Annexure-A7

Annexure-A

Raj Pal
आर्थिक सलाहकार
Economic Adviser
Tel. No.:011-23715595
E-mail : raj.pal@nic.in

भारत सरकार
GOVERNMENT OF INDIA
विद्युत मंत्रालय
MINISTRY OF POWER
श्रम शक्ति भवन, रफी मार्ग
SHRAM SHAKTI BHAWAN, RAFI MARG
नई दिल्ली 110001
NEW DELHI - 110001

DO NO.9/23/2014-EC

Dated :-2nd August, 2017

Dear Sh Singh

As you may be aware, lighting accounts for more than 20% of total electricity consumption in India. Use of LED lights in domestic and public lightings could result in 50-90% reduction in energy consumption by lighting. It was with this objective that the Hon'ble Prime Minister, on 5th January, 2015 launched the National LED Programme to facilitate rapid adoption of LED based home lighting and street lighting across the Country. This programme, consisting of Unnat Jyoti by Affordable LEDs for All (UJALA) and Street Lightings National Programme (SLNP), is being implemented by EESL, a joint venture company of four Power Sector PSUs.

2. The issue relating to use of LED lights was also deliberated in the infrastructure review meeting held by Hon'ble Prime Minister on 17th September, 2016, wherein it was recommended to issue orders for mandating use of LED lights in all lighting projects funded by the Government.

3. Subsequently, in the review meeting held by Hon'ble Prime Minister on 21st July, 2017, it was inter-alia recommended to **replace old bulbs with LED bulbs and that the full replacement should be achieved by 15th August, 2017 in government buildings.**

4. In view of the above, you are requested to take necessary action to ensure that all old bulbs are replaced with LED bulbs by 15th August, 2017 in all the buildings (including compound/street lightings) occupied by your organisation.

5. It will be appreciated if action taken in this regard is reported to this Ministry on priority basis.

With regards,

Yours sincerely,

(Raj Pal)

निं०(तकनीकी)/DIR (T)
निं०(परियोजना)/DIR (Pro.)
निं०(वित्त)/DIR (F)
निं०(संचालन)/DIR (O)
निं०(मा०सं०)/DIR (HR)
निं०(वाणिज्य)/DIR (Com.)
मु०का०नि०( )/RED ( )
का०नि०( )/ED ( )
प्रमुख(नि०का०)/Head of CP

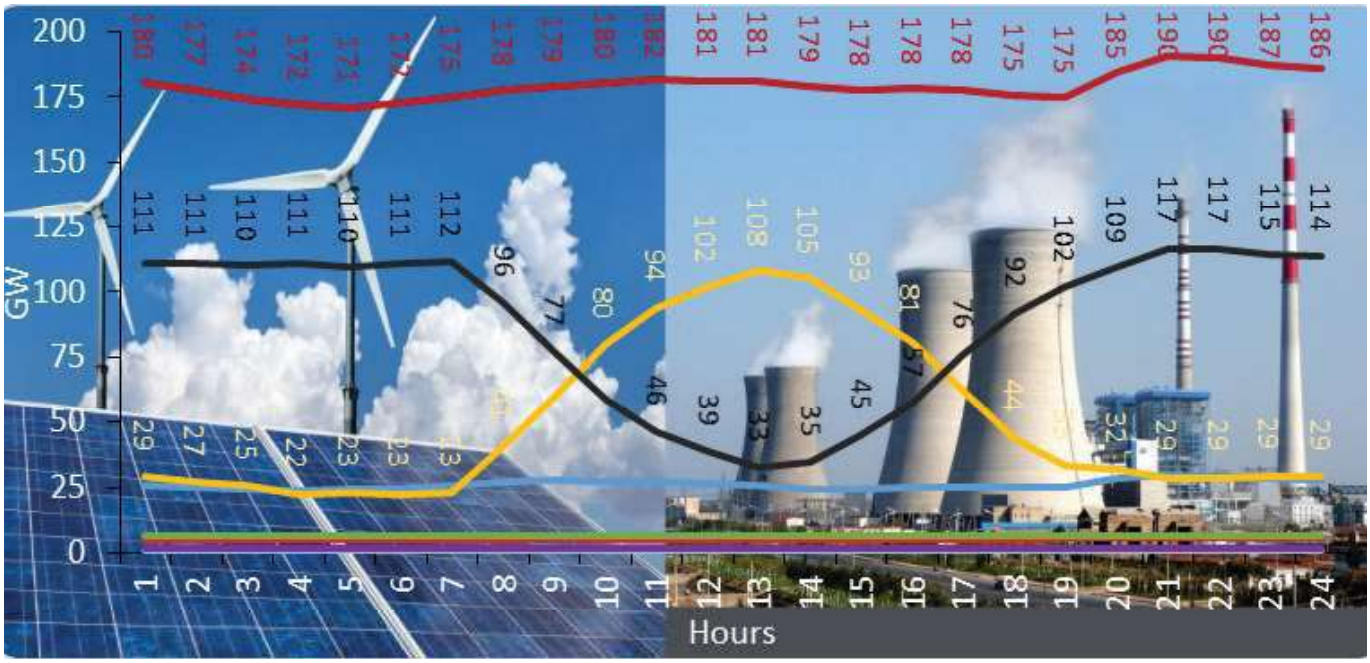
Shri Gurdeep Singh,
CMD,NTPC,
Scope Complex,
Lodhi Road, New Delhi.

RIGHT TO INFORMATION

(148)

Government of India
Ministry of Power
Central Electricity Authority

FLEXIBLE OPERATION OF THERMAL POWER PLANT FOR INTEGRATION OF RENEWABLE GENERATION



A Roadmap for Flexible Operation of Thermal, Gas and Hydro Power Stations to Facilitate Integration of Renewable Generation

January 2019

Sewa Bhawan, Sector 1, R K Puram, New Delhi - 110066

14. Costs Involved in Flexing Coal-Fired Generation

Both regulated and market-based power systems can ensure appropriate investment in additional power plant flexibility measures by identifying the value of specific flexibility services and ensuring fair compensation for them. This can be accomplished in regulated market-based power systems by improving energy pricing schemes (e.g. Time of Day tariffs). Implementation of well-designed mechanisms that accurately reward generators for providing flexible generation to the grid will improve the flexibility of the generators. These remuneration mechanisms may be structured around specific services, such as ramping or start-up time, and could provide a complementary source of income for power plants that are necessary to the system but unable to maintain business-as usual profitability due to less utilization. In regulated contexts, power plant flexibility investments can be secured by allowing cost recovery of flexibility retrofits, as well as by offering financial incentives for developers to utilize highly flexible components.

The costs involved in enabling a thermal generating unit for flexible operation may be clubbed under the following heads.

1. **Capital Expenditure (CAPEX)** This is the one-time expenditure incurred in the installation of various equipment required to make the plant capable of low load operation.
2. **Operational Expenditure (OPEX)** This is the recurring cost of flexible operation due to factors such as increase in O&M cost and decrease in efficiency.

The next section gives an estimate of the costs involved in flexible operation. However, the data/ values of cost indicated therein may be treated as being indicative in nature. Actual costs involved will highly depend on the condition of a particular plant and the prevailing market scenario.

14.1 Capital Expenditure

Capital expenditure is required to meet the requirement of flexible operation mainly for the capital interventions at unit level. The number and type of interventions required would vary from plant to plant depending on the age of unit and scope of works.

NTPC has demonstrated 40% minimum load operation at unit 6 (490 MW) of Dadri TPS. As per Preliminary estimates, considering the scope of works, the implementing company (Siemens) has estimated a capital expenditure of around Rs.20 crores for implementation of measures enabling stable operation at 40% minimum load.

Similarly, an estimate of Rs. 50 crore has been provided by GE for unit 2 of Talcher TPS of NTPC to enable stable operation at 40% minimum load.

Major retrofit is not required to operate a thermal unit at 55% load. Only modification of Operational procedures along with control system tuning are required.

To operate a thermal unit below 40% load requires implementation of measures which will depend on the unit design type, size, coal quality, historical operation, maintenance, and age of the units. The accumulated fatigue/creep will depend on the historical operational duties and maintenance practices. This will provide guidance on remaining useful life of critical components, which in turn will guide the scope and extent of intervention required. The scope will also depend on the future operational flexibilisation regime the unit is expected to support i.e. low/very low load, start/stop-daily/weekly shift operation.

रजिस्ट्री सं. डी.एल.- 33004/99 REGD. No. D. L.-33004/99

भारत का राजपत्र
The Gazette of India

सी.जी.-डी.एल.-अ.-31012023-243299
CG-DL-E-31012023-243299

असाधारण
EXTRAORDINARY

भाग III—खण्ड 4
PART III—Section 4

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 61] नई दिल्ली, सोमवार, जनवरी 30, 2023/माघ 10, 1944
No. 61] NEW DELHI, MONDAY, JANUARY 30, 2023/MAGHA 10, 1944

केंद्रीय विद्युत प्राधिकरण

अधिसूचना

नई दिल्ली, 25 जनवरी, 2023

सं. केविप्रा-टीएच-17-13/4/2022-टीईटीडी प्रभाग.—विद्युत (पूर्व प्रकाशन के लिए प्रक्रिया) नियम, 2005 के नियम (3) के उप-नियम (2) के साथ पठित विद्युत अधिनियम, 2003 (2003 का 36) की धारा 177 की उप-धारा (3) द्वारा यथा अपेक्षित केंद्रीय विद्युत प्राधिकरण (कोयला आधारित ताप विद्युत उत्पादन इकाइयों का लचीला संचालन) विनियम, 2022 का प्रारूप को छह दैनिक समाचार पत्रों में प्रकाशित किया गया था, जिसमें उक्त प्रारुप विनियमों में अंतर्विष्ट समाचार पत्र की प्रतियां जनता को उपलब्ध कराई गई तारीख से 46 दिनों की अवधि के समाप्त होने से पूर्व इसके द्वारा प्रभावित होने वाले सभी संभावित व्यक्तियों से आक्षेप और सुझाव मांगे गए थे;

और केंद्रीय विद्युत प्राधिकरण की वेबसाइट पर सार्वजनिक सूचनाओं वाले उक्त समाचार पत्रों और उक्त प्रारुप विनियमों की प्रतियां जनता को 12 जुलाई, 2022 को उपलब्ध करा दी गई थीं;

और उक्त प्रारुप विनियमों पर जनता से प्राप्त आक्षेपों और सुझावों पर केन्द्रीय विद्युत प्राधिकरण द्वारा विचार कर लिया गया था;

अत: अब विद्युत अधिनियम, 2003 की धारा 73 के खंड (ख) के साथ पठित धारा 177 की उप-धारा (2) के खंड (ङ), के अनुसरण में , केंद्रीय विद्युत प्राधिकरण निम्नलिखित विनियम बनाता है, अर्थात्:-

1. **संक्षिप्त नाम और प्रारंभ**- (1) इन विनियमों का संक्षिप्त नाम केंद्रीय विद्युत प्राधिकरण (कोयला आधारित ताप विद्युत उत्पादन इकाइयों का लचीला संचालन) विनियम, 2023 है।

   (2) ये विनियम राजपत्र में उनके अंतिम प्रकाशन की तारीख से लागू होंगे।

2. **परिभाषाएं**- (1) इन विनियमों में, जब तक कि संदर्भ से अन्यथा अपेक्षित न हो,

(क) "अधिनियम" से विद्युत अधिनियम, 2003 (2003 का 36) अभिप्रेत है;

(ख) "लचीला संचालन" से कोयला आधारित ताप विद्युत उत्पादन इकाइयों की ग्रिड की आवश्यकता के अनुसार इन विनियमों में उल्लिखित निर्दिष्ट स्तरों पर विद्युत उत्पन्न करने की क्षमता अभिप्रेत है;

(ग) "अधिकतम निरंतर विद्युत रेटिंग" से जनरेटर टर्मिनलों पर मेगा वाट में व्यक्त अधिकतम निरंतर विद्युत उत्पादन, रेटेड मापदंडों पर उत्पादन इकाइयों के विनिर्माता द्वारा गारंटीकृत है; अभिप्रेत है

(घ) "न्यूनतम विद्युत स्तर" से अधिकतम निरंतर विद्युत रेटिंग के प्रतिशत में व्यक्त न्यूनतम विद्युत उत्पादन, जिसे कोयला आधारित ताप विद्युत उत्पादन इकाई बिना तेल सहायता के लगातार बनाए रख सकती है; अभिप्रेत है

(ङ) "रैंप दर" से अधिकतम निरंतर विद्युत रेटिंग के प्रतिशत में विद्युत उत्पादन के परिवर्तन की प्रति मिनट में व्यक्त दर अभिप्रेत है ।

(2) उन शब्दों और पदों के जो इसमें प्रयुक्त और परिभाषित नहीं हैं किंतु अधिनियम और उसके अधीन बनाए गए नियमों में परिभाषित हैं, वही अर्थ होंगे जो उस अधिनियम और उसके अधीन बनाए गए नियमों में हैं।

3. **लागू होना –** ये विनियम केंद्रीय सरकार, राज्य सरकारों के स्वामित्व या नियंत्रण में या ग्रिड से जुड़ी किसी भी प्राइवेट कंपनी के स्वामित्व वाली सभी कोयला आधारित ताप विद्युत उत्पादन इकाइयों और भार प्रेषण केंद्रों पर लागू होंगे।

4. **साधरण अपेक्षाएँ -** (1) कोयला आधारित ताप विद्युत उत्पादन इकाइयों को उस स्थान पर प्रचलित परिवेशी और पर्यावरणीय परिस्थितियों की पूरी श्रृंखला के लिए इन विनियमों का अनुपालन करने के लिए, यदि अपेक्षित हो, डिजाइन या उपयुक्त रूप से रेट्रोफिट किया जाएगा।

(2) स्थापित सभी उपकरण और प्रणालियाँ, यथा लागू , विनियमों और सुरक्षा कोडों के उपबंधों का पालन करेंगी।

5. **कोयला आधारित ताप विद्युत उत्पादन इकाइयों का लचीला संचालन**- (1) कोयला आधारित ताप विद्युत उत्पादन इकाइयां इन विनियमों के अनुसार लचीला संचालन प्रदान करने में सक्षम होंगी।

(2) कोयला आधारित ताप विद्युत उत्पादन इकाइयों के लचीले संचालन का कार्यान्वयन समय-समय पर प्राधिकरण द्वारा विनिर्दिष्ट चरणबद्ध योजना के अनुसार होगा।

(3) सभी भार प्रेषण केंद्र अपने अधिकार क्षेत्र के अधीन कोयला आधारित ताप विद्युत उत्पादन इकाइयों को, इन विनियमों में विनिर्दिष्ट लचीले संचालन क्षमताओं पर विचार करते हुए, शेड्यूल करेंगे ।

6. **लचीले संचालन के लिए कोयला आधारित ताप विद्युत उत्पादन इकाइयों की न्यूनतम विद्युत स्तर की क्षमता**- कोयला आधारित ताप विद्युत उत्पादन इकाइयों में चालीस प्रतिशत के न्यूनतम विद्युत स्तर का लचीला संचालन क्षमता होगा।

परंतु उत्पादन इकाइयां जो पचपन प्रतिशत के न्यूनतम विद्युत स्तर को प्राप्त करने में सक्षम नहीं हैं, उन्हें इन विनियमों की अधिसूचना के एक वर्ष के भीतर यह सक्षमता प्राप्त करनी होगी।

परंतु यह और कि उत्पादन इकाइयां जो चालीस प्रतिशत के न्यूनतम विद्युत स्तर को प्राप्त करने में सक्षम नहीं हैं, उन्हें इन विनियमों के विनियम 5 के उप-विनियम (2) में उल्लिखित चरणबद्ध योजना के अनुसार यह सक्षमता प्राप्त करनी होगी ।

7. **लचीला संचालन के लिए कोयला आधारित ताप विद्युत उत्पादन इकाइयों की रैम्प दर क्षमताएं**- (1) कोयला आधारित ताप विद्युत उत्पादन इकाइयों में अधिकतम निरंतर विद्युत रेटिंग के सत्तर प्रतिशत से सौ प्रतिशत के बीच उनके संचालन के लिए न्यूनतम तीन प्रतिशत प्रति मिनट की रैंप दर क्षमता होगी और अधिकतम निरंतर विद्युत रेटिंग के पचपन प्रतिशत से सत्तर प्रतिशत के बीच उनके संचालन के लिए न्यूनतम दो प्रतिशत प्रति मिनट की रैंप दर क्षमता होगी।

परंतु उत्पादन इकाइयां जो इस विनियम का अनुपालन करने में सक्षम नहीं हैं, इन विनियमों की अधिसूचना के एक वर्ष के भीतर इसका अनुपालन करेंगी।

(2) कोयला आधारित तापीय विद्युत उत्पादन इकाइयां इन विनियमों के विनियम 5 के उप-विनियम (2) में उल्लिखित चरणबद्ध योजना के अनुसार अधिकतम निरंतर विद्युत दर के चालीस प्रतिशत से पचपन प्रतिशत के बीच उनके संचालन के लिए न्यूनतम एक प्रतिशत प्रति मिनट की रैंप दर क्षमता प्राप्त करेंगी।

8. **विनियमों का शिथिलीकरण** - प्राधिकरण, मामला दर मामला आधार पर, प्राधिकरण को निर्दिष्ट मामले के संबंध में लेखबध्द किए जाने वाले कारणों के लिए और आदेश द्वारा इन विनियमों के किसी उपबंध कों शिथिल कर सकेगा ।

राकेश गोयल, सचिव

[विज्ञापन-III/4/असा./588/2022-23]

CENTRAL ELECTRICITY AUTHORITY

NOTIFICATION

New Delhi, the 25th January, 2023

CEA-TH-17-13/4/2022-TETD Division.—Whereas the draft of the Central Electricity Authority (Flexible Operation of Coal based Thermal Power Generating Units) Regulations, 2022 was published in six newspaper dailies, as required by sub-section (3) of Section 177 of the Electricity Act, 2003 (36 of 2003) read with sub-rule (2) of rule 3 of the Electricity (Procedure for Previous Publication) Rules, 2005 for inviting objections and suggestions from all persons likely to be affected thereby, before the expiry of the period of forty-six days, from the date on which the copies of the newspaper containing the said draft regulations were made available to the public;

And whereas copies of the said newspapers containing the public notices and the said draft regulations on the website of the Central Electricity Authority were made available to the public on the 12th July, 2022;

And whereas the objections and suggestions received from the public on the said draft regulations were considered by the Central Electricity Authority;

Now, therefore, in pursuance of clause (e) of sub-section (2) of Section 177 of the Electricity Act, 2003 read with clause (b) of Section 73 of the said Act, the Central Electricity Authority hereby makes the following regulations, namely:

1. **Short title and commencement.-** (1)These regulations may be called the Central Electricity Authority (Flexible Operation of Coal based Thermal Power Generating Units) Regulations, 2023.

   (2)They shall come into force on the date of their final publication in the Official Gazette.

2. **Definitions.-** (1)In these regulations, unless the context otherwise requires,

   (a) "Act" means the Electricity Act, 2003 (36 of 2003);

   (b) "flexible operation" means the ability of coal based thermal power generating units to generate power at specified levels mentioned in these regulations, as per the requirement of the grid;

   (c) "maximum continuous power rating" means maximum continuous output power expressed in Mega Watt at the generator terminals as guaranteed by the manufacturer of generating units at the rated parameters;

   (d) "minimum power level" means the minimum output power expressed in percentage of maximum continuous power rating that the coal based thermal power generating unit can sustain continuously without oil support;

   (e) "ramp rate" means the rate of change of output power, expressed in percentage of maximum continuous power rating, per minute.

   (2) Words and expressions used herein and not defined but defined in the Act and the rules made thereunder shall have the meanings assigned to them in that Act and rules made thereunder.

3. **Applicability.-** These regulations shall apply to all coal based thermal power generating units owned or under control of the Central Government, State Governments or owned by any private company, connected with the grid and to the load despatch centers.

4. **General requirements.-** (1) The coal based thermal power generating units shall be designed or suitably retrofitted, if required, to comply with these regulations for full range of ambient and environmental conditions prevailing at the site.

   (2) All equipment and systems installed shall comply with the provisions of statutes, regulations and safety codes, as applicable.

5. **Flexible operation of coal based thermal power generating units.-** (1) The coal based thermal power generating units shall be capable of providing the flexible operation as per these regulations.

(2) The implementation of flexible operation of the coal based thermal power generating units shall be as per the phasing plan specified by the Authority from time to time.

(3) All load despatch centers shall schedule the coal based thermal power generating units, under their jurisdiction, considering the flexible operation capabilities as specified in these regulations.

6. **Minimum power level capabilities of coal based thermal power generating units for flexible operation**.- The coal based thermal power generating units shall have flexible operation capability with minimum power level of forty percent.

Provided that the generating units which are not capable of achieving minimum power level of fifty-five percent, shall achieve the same within one year of the notification of these regulations.

Provided further that the generating units which are not capable of achieving minimum power level of forty percent, shall achieve the same as per phasing plan mentioned in the sub-regulation (2) of regulation 5 of these regulations.

7. **Ramp rates capabilities of coal based thermal power generating units for flexible operation**.- (1) The coal based thermal power generating units shall have ramp rate capability of minimum three percent per minute for their operation between seventy percent to hundred percent of maximum continuous power rating and shall have ramp rate capability of minimum two percent per minute for their operation between fifty-five percent to seventy percent of maximum continuous power rating.

Provided that the generating units which are not capable to comply with this regulation, shall comply with the same within one year of the notification of these regulations.

(2) The coal based thermal power generating units shall achieve ramp rate capability of minimum one percent per minute for their operation between forty percent to fifty-five percent of maximum continuous power rating as per phasing plan mentioned in the sub-regulation (2) of regulation 5 of these regulations.

8. **Relaxation of regulations. -** The Authority may, by an order and for the reasons to be recorded in writing, relax any provision of these regulations in respect of the matter referred to the Authority, on case to case basis.

RAKESH GOYAL, Secy.

[ADVT.-III/4/Exty./588/2022-23]

Uploaded by Dte. of Printing at Government of India Press, Ring Road, Mayapuri, New Delhi-110064
and Published by the Controller of Publications, Delhi-110054.
MANOJ KUMAR VERMA
Digitally signed by MANOJ KUMAR VERMA
Date: 2023.01.31 15:35:02 +05'30'

Annexure-A10

(Computer No. 5220)

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केंद्रीय विद्युत प्राधिकरण
Central Electricity Authority
तापीय अभियांत्रिकी एवं प्रौद्योगिकी विकास प्रभाग
Thermal Engineering & Technology Development

सेवा में / To,

सभी ताप विद्युत उत्पादन संयंत्र / All Thermal Power Generating Plants/Utilities

विषय/Subject: Safety Advisory to all Thermal Power Generating Utilities.

महोदय/महोदया / Sir/Madam,

You may be aware that Hon'ble National Green Tribunal vide its Order dated 22.12.2020 in O.A. No. 108/2020 with O.A. No. 130/2020 had directed that "*Secretaries, Ministry of Power and Coal, Government of India, in coordination with such other Departments/ Institutions, as may be necessary, to undertake Safety Audits of similarly placed thermal power stations throughout the country expeditiously preferably within six months to avoid recurrence of such incidents in future*".

In compliance to the aforesaid order, a Safety Audit Committee under the chairmanship of the undersigned was constituted by Central Electricity Authority (CEA) comprising representatives from Ministry of Coal, Central Boiler Board (CBB), Director General Fire Safety (DGFS), NTPC Ltd., NLC India Limited (NLCIL), Bharat Heavy Electrical Limited (BHEL) and other experts. The above Committee carried out the safety audit of different coal/lignite based Thermal Power plants across the country during the period of August to November 2021.

A safety advisory based on the broad deficiencies observed during above safety audits of the thermal power stations is enclosed at Annexure-I for your kind information and needful actions. However, safety of plant and personnel is not limited to these findings only. Utilities/plants may also continue to take regular safety measures as per the extant Rules and Regulations in this regard.

संलग्नक/Enclosure: यथोपरि/As above

भवदीय/Yours Sincerely,

23/8/22

(धीरज कुमार श्रीवास्तव / Dhiraj Kumar Srivastava)
मुख्य अभियंता / Chief Engineer

सेवा भवन, आर.के. पुरम – 1, नई दिल्ली – 110066 टेलीफोन: 011-26732977, ईमेल: cetetd-cea@gov.in, वेबसाइट: www.cea.nic.in
Sewa Bhawan, R.K Puram-I, New Delhi -110066, Telephone: 011-26732977, Email: cetetd-cea@gov.in, Website: www.cea.nic.in

Annexure-I

Safety Advisory to all Thermal Power Generating Utilities

(A) General Safety and Fire Safety

1. Implement the requisite provisions of (1) Central Electricity Authority (Safety Requirements for Construction, Operation and Maintenance of Electrical Plants and Electric Lines) Regulations, 2011 (2) Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 (3) Statutory requirement under Factories Act and other related Acts such as Manufacture, Storage, and Import of Hazardous Chemicals (MSIHC) Rules, 1989 – entrusted functions and Response Rules (4) IS:1646 - Code of Practice for Fire safety of buildings (general): Electrical installations (5) IS:3034 - Fire safety of industrial buildings: Electrical generating and Distributing stations - Code of Practice.
2. Internal Safety Audits must be carried out once a year through cross functional teams/ internal trained staff and records must be maintained. Further, External Safety Audit must be carried out through registered Agencies at a regular periodicity of 2 years and Action Taken Report (ATR) must be prepared & monitored to ensure early closing of pending recommendations.
3. Ensure a separate budget head in its overall budget provisions to adequately fund safety related activities. Detailed safety manual complying with the statutory requirements and manufacturers' recommendations must be available with power plant.
4. Safety awareness drives must be conducted amongst plant personnel as well as the employees deployed by the Contractors, periodically for the compliance of provisions of safety manuals and to imbibe the safety culture.
5. The safety officer shall be appointed and safety committee shall be constituted by thermal power plant as per the statutory requirement. Plants shall hold Safety Committee meetings regularly and Head of Plant shall chair these meetings. The output of these Safety Committee meetings should be implemented.
6. Ensure that 'Safety Performance' KPA (Key Performance Area) for employees is linked with Annual Performance Assessment for officers at various levels to instill a safety-compliant behavior.
7. Keep an updated inventory of safety related PPEs and also provide the tasks specific PPE kits to all the workers/ staff.
8. All major/ minor accidents must be properly investigated and analyzed to find the Root Cause of incident/accident.
9. Implement procedures for reporting of accidents by the concerned Power Station to CEA in line with the provisions of the CEA safety regulations.

10. Emergency Response Disaster Management Plan (ERDMP) both On-site & Off-site shall be prepared by all power plants.
11. Ensure that a functional proper Public Address system is in place and also 'Walkie/ Talkie' should be mandatorily adopted in the power plants.
12. Plants must be compliant/ certified as per ISO: 45001 'Occupational Health & Safety Management System'.
13. Ensure that all fire safety procedures are followed and fire-fighting system, its operation, installations are well maintained and upkeep of various sub-components is reviewed at regular intervals to make sure their proper response during emergencies. These shall include but not be limited to the following:
    i. Fire Water pump house must be maintained in proper healthy condition. There should be no obstructions in the pathways and approaches to equipment should be hindrance free.
    ii. All fire hydrant pumps and jockey pumps must be maintained in healthy condition. The Fire Hydrant pumps need to be operated in 'AUTO MODE' & Sequential starting system should be in place. The reliability & availability of the Pumps are to be checked at frequent intervals and recorded.
    iii. Fire-fighting crew along with some identified regular employees must go through hands-on firefighting training including rescue and disaster handling to enhance effectiveness of firefighting & safety crew.
    iv. Manual call points (MCPs) must be provided at all the strategic locations of the power stations and must be integrated with the Fire Control Room for effective monitoring and to ensure timely & quick response from fire-fighting crew.
    v. Mock drills should be conducted at regular intervals and also at odd hours for various emergencies scenarios & debriefing session should be conducted after each mock drill. The gaps observed are to be analyzed and mitigation measures need to be taken. These details should be recorded in a register.
    vi. Fire Marshalls/ firefighting crew should be trained for actual emergencies scenarios.
    vii. Each Power Station shall have a Fire Emergency Plan formulated so as to facilitate organized actions (in case of fire) by employees at various levels, during day as well as night and shall also contain the instructions on fire prevention measures and the firefighting organization.
    viii. Fireboxes with hose reels at fire hydrant points must be available.
    ix. Non-sparking tools and flame-proof electric fittings should be mandatorily used at all places where flammable materials like oils and gases are stored/ are in use. Also, static electric charge dissipater should

be provided at the entry gate of such systems which are prone to catch fire easily.

14. Emergency exit path marking should be made available for safe evacuation of working personnel during emergency conditions. Emergency telephone numbers must be prominently displayed at prominent locations in the plant, such as at TG floor, Unit Control Room & emergency exit points etc. Display of DO's & DON'Ts should be done in large fonts for better visibility. All such Display Boards should have a DC backlit display.
15. Lock Out & Tag Out (LOTO) system for maintenance management should be fully implemented for safe operation of the power plants and a proper Permit to Work (PTW) system must be followed and there should be seamless integration between LOTO & PTW System (and also to ERP system, if available). Proper Job Safety Analysis (JSA) should be carried out before issuance of each PTW.
16. Accumulated and unwanted scrap/ dismantled machinery etc. should be removed from working areas such as boiler structure, TG floor etc. and stored at designated places. Measures should be taken to remove wild vegetation growth in switchyard.
17. Excessive accumulation of coal/ lignite dust in some of the vulnerable areas like Crusher house, transfer points, coal/ lignite Bunker house, etc. must be avoided.
18. Preventive measures such as anti-corrosion painting and regular maintenance should be done for support structures and various equipment.
19. Rotating parts of various equipment should be covered with proper guards.
20. SOPs for various plant equipment to be prepared and made available to working personnel.

(B) Boiler, Turbine and Generator (BTG) Safety

1. As per IBR Regulations, periodic Remnant Life Assessment (RLA) should be carried out.
2. Annual overhauling, Capital overhauling and Renovation & Modernization works must be done on time as these prevent equipment failures. Overhauling work should be monitored comprehensively.
3. The boilers must be operated by Boiler Operating Engineers (BOEs) in compliance with the provisions of IBR. Utilities with shortage of BOEs are advised to take immediate and urgent steps to ensure that sufficient number of engineers should be qualified BOEs.
4. Boilers having box type column-beam structure are prone to accumulation of coal/ash dust if there are openings in the boiler structure. Coal dust accumulated in such confined structure may lead to fire/explosion. All such openings in such kind of structure must be closed. Also, cleaning must be ensured before closure.

5. Thermal insulation of Boiler, Turbine, associated sub-systems and all other critical equipment & lines must be ensured and maintained in good health. Regular thermal survey for surface temperature should be done. It is recommended to do insulation of.
6. Pulverized fuel leakage in mills, pipes, joints etc., if any, should be arrested on immediate basis.
7. The closeness of steam lines with other components/structure of Boiler or adjacent civil structure must be avoided.
8. All Boiler expansion indicators must be fitted properly to measure vertical movement as well as horizontal movement.
9. Mandatorily carry-out tool tagging to have effective inventory management and thus ensure timely availability of all tools & tackles. Tagging and marking date of last load testing of all O&M tools & tackles must be ensured.
10. Illumination measurement should be carried out as per IS:6665 and it needs to be improved in the plants wherever necessary.
11. Take measures to ensure that ambient noise levels around equipment like Turbine-Generator, Boiler etc. auxiliaries are in desired limits.
12. Regular ash level monitoring in ESP hoppers must be done by providing Ash Level Indicators (ALI). Timely steps must be taken for regular evacuation of ash. Also, ensure that ash hopper heaters are in healthy condition so that fluidity of ash is not hampered.
13. Safety Valves and Electromatic Relief Valves (ERVs) must be maintained in healthy condition and operative.
14. Vibration levels of machines such as TG set, fans, pumps, etc. must be monitored on regular basis and machines should not run beyond the recommended vibration limits prescribed by OEM.
15. Compulsorily carry out turbine over speeding test as per OEM recommendations.
16. Regularly perform checks for functionality of all the Protection & Interlocks (P&I) for various equipment and system.

(C) Balance of Plant (BoP) Safety

1. Chlorine leak sensor probes must be provided for all chlorine cylinder bays at proper locations. Water sprinkler system need to be installed in chlorination plant to neutralize chlorine leak in addition to the extant system.
2. Dust suppression system must be in operating condition to prevent coal/ lignite dust accumulation in areas such as coal/ lignite yard, Crusher house, transfer junctions/ points, coal/ lignite conveyor, coal/ lignite Bunker etc.
3. Battery Room is to be properly lined with 'Acid resistance tiles' up to the height of 'Battery Bank'. It is suggested to provide Flame-proof lighting in the Battery

room. It is also to be ensured that the Eye-wash system is located at a place nearby to the Battery Room.

4. Cable gallery/ racks must be maintained in healthy conditions with proper illumination levels, exhaust system and the cable dressing in the racks should be done properly. All entry & exit of cables must be sealed properly for preventing progression of fire and toxic gases to adjacent rooms.
5. Insulating floor or mat conforming to IS:15652 of appropriate voltage level shall be provided in front of the panels for the safety of operating personnel.
6. Regularly measure and maintain proper records of Resistance value of Earth pits and monitor Tan-Delta value of current transformers (CT) and all other oil-filled electrical equipment.
7. Oil soak pits of transformers should be kept free of waste material.
8. Manuals and Standard Operating Procedures (SOPs) for Ash Bund/ Dyke Maintenance should be prepared by Power Plant. Emergency Plan should be prepared to deal situations of Ash Dyke breach and should be made available to the Site engineers.

****

THE BUREAU OF ENERGY EFFICIENCY (MANNER AND INTERVALS OF TIME FOR CONDUCT OF ENERGY AUDIT) REGULATIONS, 2010

[Noti. No. 02/11(6)/05-BEE, dt. 28-4-2010]

Whereas certain draft regulations namely, the Bureau of Energy Efficiency (the Manner and Intervals of Time for Conduct of Energy Audit) Regulations, 2009, were published vide Bureau of Energy Efficiency Notification Number 02/11(6)/05, dated the 22nd December, 2009 in the Gazette of India, Extraordinary, Part III, Section 4, dated the 26th December, 2009 as required under sub-section (1) of section 58 of the Energy Conservation Act, 2001 (52 of 2001) inviting objections and suggestions from all persons likely to be affected thereby within forty-five days from the date of publication of the said notification in the Gazette; And Whereas the said draft regulations were published in the Official Gazette on the 26th December, 2009;

And Whereas no objection or suggestion has been received in respect of the said draft regulations within the specified period;

Now, Therefore, in exercise of the powers conferred by clause (g) of sub-section (2) of section 58, read with clause (q) of sub-section (2) of section 13 of the said Act, the Bureau of Energy Efficiency with the previous approval of the Central Government, hereby makes the following regulations, namely:—

1. Short title and commencement

(1) These regulations may be called the Bureau of Energy Efficiency (Manner and Intervals of Time for Conduct of Energy Audit) Regulations, 2010.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. Definitions

(1) In these regulations, unless the context otherwise requires,—

(a) "Act" means the Energy Conservation Act, 2001;

(b) "energy audit report"means the report of energy audit submitted under regulation 3 and signed by the accredited energy auditor;

(c) "Form" means a form appended to these regulations;

(d) "specific energy consumption"means the average of energy consumed per unit of product or product-mix for the completed financial year.

(2) Words and expressions used herein and not defined but defined in the Act shall have the meanings respectively assigned to them in the Act.

3. Intervals of time for conduct of energy audit

(1) Every designated consumer shall have its first energy audit conducted, by an accredited energy auditor within 18 months of the notification issued by the Central Government under clause (i) of section 14 of the Act.

(2) The interval of time for conduct and completion of subsequent energy audits shall be three years with effect from the date of submission of the previous energy audit report by the accredited energy auditor to the management of the designated consumer.

4. Manner of energy audit

Every energy audit under the Act shall be conducted in the following manner:—

(1) Verification of data of energy use

The accredited energy auditor shall—

(a) verify the information submitted to the designated agency under the Energy Conservation (the Form and Manner for Submission of Report on the Status of Energy Consumption by the Designated Consumers) Rules, 2007 for the previous two years through examination of energy bills, production data, inspection of

energy-using equipment, production-processes, and systems, spot measurements, discussion or interview with the officers and staff regarding operation of plants, energy management procedures, equipment maintenance problems, equipment reliability, projected equipment needs, improvements undertaken or planned, establish validated data on annual energy consumption and prepare a report in Form 1 for the year preceding to the year for which energy audit report shall be prepared and submitted;

(b) establish specific energy consumption for the year referred to in clause (a);

(c) disaggregate the energy consumption data and identify major energy using equipment, processes and systems.

(2) Scope of energy audit

The accredited energy auditor jointly with the energy manager of the designated consumer shall—

(a) develop a scope of work for the conduct of energy audit required under the Act with a view to ensuring adequate coverage in terms of the share of total energy use that is covered in the energy audit;

(b) select energy intensive equipment or processes for energy auditing;

(c) agree on best practice procedures on measuring the energy efficiency performance of selected equipment and on algorithm to estimate energy performance and energy savings;

(d) collect energy consumption, and production data for the equipment and processes covered within the scope of energy audit, operating data, and schedule of operation, non-proprietary process flow charts, production level disaggregated by product, if applicable, and such other historical data as may be considered essential by the accredited energy auditor for achieving the purpose of energy audit.

(3) Monitoring and analysis of use of energy data for energy audit

The accredited energy auditor shall—

(a) verify the accuracy of the data collected in consultation with the energy manager, appointed or designated by the designated consumer in terms of the Notification Number SO 318(E), dated the 2nd March, 2007, as per standard practice to assess the validity of the data collected;

(b) analyse and process the data with respect to—

(i) consistency of designated consumers' data monitoring compared to the collected data;

(ii) recommendations to reduce energy consumption and improve energy efficiency;

(iii) summary overview of energy consumption in plant or establishment by fuel type and by section;

(c) conduct equipment energy performance measurements with due diligence and caution.

(4) *reparation of recommendations on energy saving measures, their cost benefit analysis*

The accredited energy auditor having regard to the overall efficiency of the production process, techno-economic viability of energy saving measures, site conditions and capacity of the designated consumer to invest for their implementation, shall prepare a list of recommendations to save energy and the list shall include—

(a) a brief description of each recommended measure;

(b) the estimated energy saving as well as energy cost reduction potential over a reasonable technical or economic life of the measure;

(c) any known or expected technical risk associated with each measure;

(d) a preliminary assessment of financial attractiveness of each measure or assessment of maximum investment feasible based on the estimated energy cost saving potential over the life of the measure;

(e) tabulated summary of recommendations listed as per their implementation schedule (short, medium and long-term);

(f) where different alternatives for implementation of an energy efficiency measure are available, the accredited energy auditor shall examine and discuss such options and recommend the techno-financially better option;

(g) where the installation or implementation of any recommended energy saving measure affects procedures for operation and maintenance, staff deployment and the budget, the recommendation shall include discussion of such impacts including their solutions.

5. Prioritisation and preparation of action plan

(1) The accredited energy auditor jointly with the energy manager shall select from the energy audit report such recommended measures as are included in sub-regulation (4) of regulation 4 which in the opinion of the designated consumer are technically viable, financially attractive and within its financial means, prioritise
them and prepare plan of action for their implementation and this action plan shall include—

(a) preparation of detailed techno-economic analysis of selected measures;

(b) a monitoring and verification protocol to quantify of annual basis the impact of each measure with respect to energy conservation and cost reduction for reporting to Bureau and the concerned State designated agency;

(c) a time schedule agreed upon by the designated consumer of selected measures taking into consideration constraints such as availability of finance and availability of proposed equipment.

(2) The accredited energy auditor based on the activities undertaken under sub-regulation (4) of regulation 4 and regulation 5 shall submit a report in Form 2 to the management of the designated consumer.

(3) The accredited energy auditor shall evaluate the implementation of each recommended energy saving measure in the previous audit report and submit a report in Form 3 to the management of the designated consumer.

6. Structure of the energy audit report

(1) The energy audit report structure shall be jointly decided by the accredited energy auditor and designated consumer.

(2) The energy audit report shall highlight, details of specific energy consumption, list of recommendations to reduce energy consumption and costs, monitoring and evaluation of impact of selected measures and conclude with certification by accredited energy auditor stating that—

(a) the data collection has been carried out diligently and truthfully;

(b) all data monitoring devices are in good working condition and have been calibrated or certified by approved or authorised agencies and no tampering of such devices have occurred;

(c) all reasonable professional skill, care and diligence have been taken in preparing the energy audit report and the contents thereof are a true representation of the facts;

(d) adequate training provided to personnel involved in daily operations after implementation of recommendations; and

(e) the energy audit has been carried out in accordance with these regulations, and the format for the preparation of energy audit report is given in Form 4 for guidance.

(3) The accredited energy auditor shall highlight the strengths and weaknesses of the designated consumer in the management of energy and energy resources in the energy audit report

and recommend necessary action to improve upon method of reporting data, energy management system in detail along with their underlying rationale, and improving energy efficiency and reducing energy consumption in the designated consumer.

(4) The accredited energy auditor shall sign the energy audit report under the seal of its firm giving all the accreditation details along with details of manpower employed in conducting the energy audit.

(5) The energy audit report shall include a work schedule sheet duly signed by accredited energy auditor and energy manager of the designated consumer.

FORM 1

DETAILS OF VALIDATED DATA ON ENERGY CONSUMED AND SPECIFIC ENERGY CONSUMPTION PER UNIT OF PRODUCTION

[Refer Regulation 4(1)(a) and (b)]

1.	Name of the Unit	
2.	The sector in which unit falls (Refer Annexure-1)	
3.	(a) Complete address of Unit's location (including Chief Executive's name and designation) with mobile	
	(b) Year of establishment	
4.	Registered office address with telephone, fax numbers and e-mail,	
5.	Name, designation, address, mobile, telephone, fax numbers, and e-mail of energy manager	

6.	Production and capacity utilisation details						
	Year	Main products	Units (Please specify)	Installed capacity (a)	Actual production (b)	% Capacity utilisation (b/a) x 100	Specific energy consum-ption
		Product 1 Product 2 Other products					
	20...20...						

7.	Energy consumption and cost,	
7.1	Electricity consumption and cost	
	(A) Purchased electricity (i) Units (Millions kWh/year) (ii) Total cost (Rs. Millions/year)	

	(iii) Plant connected load (kW) (iv) Contract demand (kVA) with utility (v) Connected load (kW)	
	(B) Own generation (a) Through diesel generating sets (i) Annual generation (Millions kWh/year) (ii) Total cost (Rs. Million/year) (iii) Fuel used (HSD/LDO/LSHS/LSFO (Refer Annexure-2), (iv) Gross calorific value (kCal/kg) (v) Annual fuel consumption (tonne) (vi) Total annual fuel cost (Rs. Million) (b) Through steam turbine/generator (i) Annual generation (Millions kWh/year) (ii) Fuel used, state which type of fuel was used (C=coal, B=biomass, E=electricity). If coal was used,, state which grade i.e.,C/I=imported or C/F=Coal of grade F, (c) Through gas turbine (i) Annual generation (Millions kWh/year) (ii) Fuel used (state which type of fuel was used Natural Gas (NG), Piped Natural Gas (PNG), Compressed Natural Gas (CNG), Naphtha) (iii) Gross calorific value (kCal/SCM) (iv) Annual fuel consumption (SCM) (v) Total annual fuel cost (Rs. Million)	
(C)	Total generation of electricity (Millions kWh/year) 7.1(B) [a(i)+b(i)+c(i)]	
(D)	Electricity supplied to the grid/others (specify Millions kWh/year)	
(E)	Total Electricity consumed (Millions kWh/year) 7.1 [A(i)+C-D)	
7.2	Fuel consumption and % cost for process heating	
	(A) Coal (i) Gross calorific value (kCal/kg) (ii) Quantity purchased (tonne/year) (iii) Quantity used for power generation (tonne/year) (iv) Quantity used as raw material,, if any (tonne/year) (v) Quantity used for process heating (tonne/year) (vi) Total coal cost for process (Rs. Million/year)	
	(B) Lignite (i) Gross calorific value (kCal/kg) (ii) Quantity purchased (tonne/year) (iii) Quantity used for power generation (tonne/year) (iv) Quantity used as raw material,, if any (tonne/year) (v) Quantity used for process heating (tonne/year) (vi) Total lignite cost for process (Rs. Million/year)	
	(C) Bio mass Other purchased solid fuels (please specify) bagasse, rice husk, etc.	

	(i) Average moisture content as fired (%) (ii) Average gross calorific value as fired (kCal/kg) (iii) Quantity purchased (tonne/year) (iv) Quantity used as raw material, if any (tonne/year) (v) Quantity used for process heating (tonne/year) (vi) Total bagasse cost for process (Rs. Million/year)	

7.3	Liquid	
	(A) Furnace Oil (F.O.) (i) Gross calorific value (kCal/kg) (ii) Quantity purchased (kL/year) (iii) Quantity used for power generation (kL/year) (iv) Quantity used as raw material,, if any (kL/year) (v) Quantity used for process heating (kL/year) (vi) Total F.O. cost for process heating (Rs. Million/year)	
	(B) Low Sulphur Heavy Stock (LSHS) (i) Gross calorific value (kCal/kg) (ii) Quantity purchased (tonne/year) (iii) Quantity used for power generation (tonne/year) (iv) Quantity used as raw material,, if any (tonne/year) (v) Quantity used for process heating (tonne/year) (vi) Total LSHS cost for process heating (Rs. Million/year)	
	(C) High Sulphur Heavy Stock (HSHS) (i) Gross calorific value (kCal/kg) (ii) Quantity purchased (tonne/year) (iii) Quantity used for power generation (tonne/year) (iv) Quantity used as raw material,, if any (tonne/year) (v) Quantity used for process heating (tonne/year) (vi) Total HSHS cost for process heating (Rs. Million/year)	
	(D) Diesel Oil (a) High Speed Diesel (HSD) (i) Gross calorific value (kCal/kg) (ii) Quantity purchased (kL/year) (iii) Quantity used for power generation (tonne/year) (iv) Quantity used as raw material, if any (kL/year) (v) Quantity used for process heating (kL/year) (vi) Total HSD cost for process heating (Rs. Million/year) (b) Light Diesel Oil (LDO) (i) Gross calorific value (kCal/kg) (ii) Quantity purchased (kL/year) (iii) Quantity used for power generation (kL/year) (iv) Quantity used as raw material, if any (kL/year)	

	(v) Quantity used for process heating (kL/year) (vi) Total LDO cost for process heating (Rs. Million/year)	
7.4	Gas	
	(A) Compressed Natural Gas (CNG) (i) Gross calorific value (kCal/SCM) (Refer Annexure-2) (ii) Quantity purchased (million SCM/year) (iii) Quantity used for power generation (million SCM/year) (iv) Quantity used as raw material, if any (million SCM/year) (v) Quantity used for process heating (million SCM/year) (vi) Total cost of natural gas for process heating (Rs. Million/year)	
	(B) Liquefied Petroleum Gas (LPG) (i) Gross calorific value (kCal/SCM) (ii) Quantity purchased (million SCM/year) (iii) Quantity used for power generation (million SCM/year) (iv) Quantity used as raw material, if any (million SCM/year) (v) Quantity used for process heating (million SCM/year) (vi) Total cost of LPG for process heating (Rs. Million/year)	
	(C) Gas generated as by-product/waste in the plant and used as fuel (i) Name (ii) Gross calorific value (kCal/SCM) (iii) Quantity used for process heating (million SCM/year) (iv) Total cost of by-product gas for process heating (Rs. Million/year)	
7.5	Solid waste	
	Solid waste generated in the plant and used as fuel (i) Name (ii) Gross calorific value (kCal/kg) (iii) Quantity used for process heating (tonne/year) (iv) Total cost of solid waste for process heating (Rs. Million/year)	
7.6	Liquid waste	
	(A) Liquid effluent/waste generated in the plant and used as fuel (i) Name (ii) Gross calorific value (kCal/kg) (iii) Quantity used for process heating (tonne/year) (iv) Total cost of liquid effluent for process heating (Rs. Million/year)	
7.7	Others	

	(i) (ii) (iii) (iv) (v)	Name Average gross calorific value (kCal/kg) Quantity used for power generation (tonnes/year) Quantity used for process heat (tonnes/year) Annual cost of the others source	

Signature

Name of the energy manager
Name of the company
Full address
Seal

Signature

Name of the accredited energy auditor
Accreditation deals
Seal

ANNEXURE-1

NAME OF SECTORS

Aluminum, cement, chemicals, chlor-alkali, fertilizers, gas crackers, iron and steel, naphtha crackers, pulp and paper, petrochemicals, petroleum refineries, sugar, textile.

ANNEXURE-2

NOMENCLATURE

HSD	High Speed Diesel
LDO	Light Diesel Oil
LSHS	Low Sulphur Heavy Stock
LSFO	Low Sulphur Furnace Oil
C	Coal
B	Biomass
E	Electricity
C/I	Coal Imported
C/F	Indian Goal grade F
NG	Natural Gas
PNG	Piped Natural Gas
CNG	Compressed Natural Gas
FO	Furnace Oil
LPG	Liquefied Petroleum Gas
SCM	Standard Cubic Metre (15^0C and
KL	Kilo Litre
Million	Ten (10) lakh

FORM 2

DETAILS OF ENERGY SAVING MEASURES RECOMMENDED IN THE ENERGY AUDIT REPORT (YEAR)

[Refer Regulation 5(2)]

S. No.	Energy saving measures (Suggested categories of areas of improvement and modifications for obtaining details of energy saving See Annexure-3)	Investment Million Rs.	Reasons for not implementing the measure	Date of completion of measure/likely completion	Life cycle years	Annual energy savings				
						Oil	Gas	Coal	Electricity	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.										
2.										
3.										
4.										
5.										
6.										
7.										
8.										
9.										
10.										

Signature
Name of the energy manager
Name of the company
Full address
E-mail address
Telephone/Fax numbers
Plant address

Signature
Name of the accredited energy auditor
Accreditation details
Seal Contact person

1. Estimate the predicted life of the measure, meaning the number of years the level of first year energy savings or even larger amounts will materialize.
2. Life commercial units of litre, kg., tones, normal cubic metre, kWh or MWh and indicate the unit. Indicate the anticipated potential in energy savings.

ANNEXURE-3

SUGGESTED CATEGORIES OF AREAS OF IMPROVEMENT AND MODIFICATIONS FOR OBTAINING DETAILS OF ENERGY SAVINGS

1. Better house keeping measures
2. Installation of improved process monitoring and control instrumentation, or software
3. Fuel Handling System
4. Steam Generation System
5. Steam Distribution System
6. Electricity Generation System
7. Hot Water System
8. Compressed Air System
9. Raw/Process Water System
10. Cooling Water System
11. Process Cooling/Refrigeration System
12. Heating, Ventilation and Air Conditioning System
13. Electrical System
14. Lighting System
15. Melting/Heating/Drying Equipment (e.g. Furnaces, Heaters, Kilns, Ovens, Dryers, Evaporators, etc.
16. Heat Exchangers
17. Pumps, Compressors, Fans, Blowers, Piping, Ducting
18. Process Equipment (e.g., Reactors, Separation Equipment, Material, Handling Equipment, etc.)
19. Transformers
20. Electric Motors and Drives
21. Process Technology
22. Process Integration
23. Process Control and Automation
24. Other Non-equipment Measures (e.g., Plant Operation/Scheduling, Tariff Schedule, etc.)
25. Recovery of waste heat for process heat or power generation
26. Retrofitting, modification or sizing of fans, blowers, pumps, including duct systems
27. Other

FORM 3

[Refer Regulation 5(3)]

DETAILS OF ENERGY CONSERVATION MEASURES IMPLEMENTED, INVESTMENT MADE AND SAVINGS IN ENERGY ACHIEVED AND PROGRESS MADE IN THE IMPLEMENTATION OF OTHER RECOMMENDATIONS

A. Implemented

Sl. No.	Description of energy	Category	Investment (Rupees)	Verified savings	Verified energy	Units	Fuel	Remarks

	efficiency improvement measure			(Rupees)	savings			
1.								
2.								
3.								

B. Under implementation

Sl. No.	Description of energy efficiency improvement measure	Category	Investment (Rupees) estimated	Verified savings (Rupees) estimated	Verified energy savings estimated	Units	Fuel	Status of imple-mentation
1.								
2.								
3.								

Signature
Name of the energy manager
Name of the company
Full address
Contact person
E-mail address
Telephone/Fax numbers
Plant address

Signature
Name of the accredited energy auditor
Accreditation details
Seal

---

1. Use "C. No." column of form 2 as reference – See Annexure "3" for adoption.
2. First Year
3. Use conventional energy, volume or mass units with proper prefix K = 10^3, M = 10^6, G=10^9

FORM 4

[Refer Regulation 6(2)]

GUIDELINES FOR PREPARATION OF ENERGY AUDIT REPORT

Each energy audit report shall include—

(1) Title page
— Report title
— Client name
— Location of the plant/establishment
— Date of report
— Name of the accredited energy auditors

(2) Table of contents

(3) Acknowledgement

(4) Executive summary
— Company's profile
— Goals and objectives of the energy management programme
— Major challenge and goals for the upcoming year
—Major activities to meet challenges and goal

—Summary and classification of energy
— Conservation measures - should be in Form 2

1.0 Introduction about the plant/establishment
1.1 General plant/establishment details and descriptions
1.2 Energy audit team
1.3 Component of production cost (raw materials, energy, chemicals, manpower, overhead, others)
1.4 Major energy use areas

2.0 Production process description
2.1 Brief description of manufacturing process
2.2 Process flow diagram and major unit operations
2.3 Major raw material inputs, quantity and costs

3.0 Energy and utility system description
3.1 List of utilities
3.2 Brief description of each utility
3.2.1 Electricity
3.2.2 Steam
3.2.3 Water
3.2.4 Compressed air
3.2.5 Chilled water
3.2.6 Cooling water
3.2.7 Others

4.0 Detailed process flow diagram and energy and material balance
4.1 Flow chart showing flow rate, temperature, pressures of all input-output streams
4.2 Water balance for entire industry
4.3 Energy balance of the designated consumer in the tabular form

5.0 Performance evaluation of major utilities and process equipments/systems
5.1 List of equipments and process where performance testing was done
5.2 Results of performance testing

6.0 Energy efficiency in utility and process system
6.1 Specific energy consumption
6.2 Boiler efficiency assessment
6.3 Thermic fluid heater performance assessment
6.4 Furnace efficiency analysis
6.5 Cooling water system performance assessment
6.6 Diesel Generator set performance assessment
6.7 Refrigerator system performance
6.8 Compressed air system performance
6.9 Electric motor load analysis
6.10 Lighting system
6.11 Others

7.0 Evaluation of energy management system
7.1 Energy management policy
7.2 Energy management monitoring system
7.3 Bench marking
7.4 Development and establishment of procedures include energy efficiency possibilities
7.5 Training to staff responsible for operational and associated processes
7.6 General audit review
7.7 Conform to Act, rules and regulations framed thereunder
7.8 Strength and weaknesses of the designated consumer

8.0 Energy conservation measures and recommendations

8.1 The report shall provide existing energy profile of the designated consumer with percentage share of major equipment/processes, utilities etc., so that it becomes a basic document for future monitoring.

8.2 Details of energy saving measures recommended in Form 2.

8.3 Cost benefit analysis of each recommended energy saving measures as per standard practice.

8.4 The investment proposals shall be backed with technical and economic viability and prioritization of energy conservation measures based on financial analysis of various options taking into account the capacity of the designated consumer to make investment in such measures.

8.5 The energy auditor may also consider the substitution of existing energy use by any other form of techno-commercially viable form of energy.

8.6 Details of energy saving measures implemented, investment made and saving in energy achieved together with progress made in the implementation of the remaining energy saving measures in Form 3.

9.0 Certification

This part shall indicate certification by accredited energy auditor stating that—

(i) the data collection has been carried out diligently and truthfully;

(ii) all data monitoring devices are in good working condition and have been calibrated or certified by approved agencies authorised and no tampering of such devices has occurred;

(iii) all reasonable professional skill, care and diligence had been taken in preparing the energy audit report and the contents thereof are a true representation of the facts;

(iv) adequate training provided to personnel involved in daily operations after implementation of recommendations; and

(v) the energy audit has been carried out in accordance with the Bureau of Energy Efficiency (Manner and Intervals of Time for the Conduct of Energy Audit) Regulations, 2010.

Signature
Name of the accredited energy auditor
Accreditation details Seals

Report

DETAILED ENERGY AUDIT OF

National Capital Thermal Power Station, Dadri Coal
1820MW [4X210MW+2X490MW]
Designated Consumer ID: TPP0124UP
District: G B Nagar, (U P)

Conducted from 14.09.2020 to 19.09.2020
As

Mandatory Energy Audit

Report Date: 20.10.2020
By

Sanjay Kumar Tyagi
Accredited Energy Auditor
Registration No: AEA – 0062

Recommendations

A. Long Term: Under this category, recommendations require large amount of investment and can be implemented within the period of 02-03 year. These recommendations normally have attractive payback period and starts giving returns on implementation on sustenance basis.

1. **Retrofitting of VFD in CEP stage-2 units:** With retrofitting of VFD in CEP there is estimated saving potential of 340 kW in each unit at full load condition. This may improve further at part load.

B. Medium Term: Under this category, recommendations require small amount of investment and can be implemented within the period of 01 year. These recommendations normally have attractive payback period and starts giving returns on implementation.

1. **Attending APH leakage in Unit-1 :** APH leakage is more than 18 % against design as 10%. This is resulting excess draft power consumption of around 700 kW. With attending APH leakage there is expected saving potential of 700 kW in draft power. In U-3 also leakages are high, seal settings too be checked in opportunity. Though draft power consumption in unit-3 is normal.
2. **Over Hauling / Cartridge replacement of BFP:** BFP 1B, 2A & 2C combined efficiency is low. These pumps need cartridge replacement, which will result in 300 kW power saving in each pump.
3. **Overhauling of Mills with high specific energy consumption:** Mill 1E, 2E & 1B is having high SEC (8.5 kW/T), hence requires overhauling / replacement of mill internals. Mill 3C & 4B Coal flow measurement calibration.
4. **Removal of Hydraulic coupling in Unit-1 ID fans:** After retrofitting of VFD in unit -1 ID fans hydraulic coupling was kept in place for any emergency requirement during trouble in VFD, however after experience of VFD functioning, it has been removed in U-2 ID fans. As there is continuous 4 % loss in scoop in full open condition also, it is

recommended that it should be removed and speed be regulated by VFD. There is estimated saving of 80 kW through removing hydraulic coupling.

5. **VFD retrofitting in LT Drives:** Retrofitting of VFD in LT drive is very common and results in attractive payback. Based upon criticality and saving potential CW fore bay MU pump, DM make up pump, potable water pump etc to be retrofitted with VFD.

6. **Replacement of old LT motors with energy efficient motors:** As energy efficient motors have higher efficiency by 3-4 % than normal motors, it is suggested that wherever replacement if required, energy efficient motor to be used.

C. Short Term: Under this category, recommendations require negligible investment or no investment and can be implemented immediately through change of operating practices. These recommendations normally have attractive payback period and starts giving returns on immediate basis.

For improved monitoring of aux power system it is recommended:

1. **Calibration of O2 measurement at UCB in Unit-2,4&6:** In unit 2,4 and 6 there is mismatch in O2 value at UCB and local. This needs to be calibrated as actual O2 is being maintained higher by approximately 1 %. Based upon previous data expected Draft power in stage-2 & 4 units should be around 4000 kW & 6500 kW respectively. With calibration the maintenance of proper O2 level there is expected combined saving potential of 2100 kW.
2. **Unit-**1 & 3, high DFG loss. Seal setting and duct repair to be taken up in opportunity shut down.
3. All major auxiliary kW data to be made available in PI system.
4. Water flow meter data to be made available in server and subsequently in PI for proper monitoring of SWC.
5. As station undergoes for long RSD and for dry preservation, compressors are kept running with complete system in pressurised condition. Due to system leakages there is loss of air which result in excess running of compressors. Either dedicated line for preservation air or dedicated air blowers may be provided.

6. Service water pump stage-2 may also be retrofitted with VFD or interconnection with stage-1 be provided as there is tank with gravimetric head is providing required head

ENERGY SAVING THROUGH IMPLEMENTATION OF RECOMMENDATIONS:

S.No	Energy saving measure	Electricity / Coal Saving	Cost Saving Lacs	Investment Required	Simple Payback period
		MWh/Yr.	Rs/Yr.	Lakh	Years
1.	Rectification of APH seal leakage in unit-4	1.8 MU	70.56	25	2.8
2.	Calibration of O2 measurement for U-2,4 & 6	11.04 MU	432.77	In-house	
3.	Mills overhauling 1B,1E,2E	0.20 MU	7.98	10	1.25
4.	Repair of BFP Cartridges	2.88 MU	112.89	2.4	2.12
5.	U-1 , Removal of hydraulic coupling	0.384 MU	15.04	In-house	
6.	VFD in CEPs in stsge-2 units	7.488 MU	293.5	320	1.1
	Total Savings @3.92 Rs per kWh	23.79 MU	932.65		

Estimation of savings through other recommendations has not been carried out in view of either estimation of saving is not workable or amount of saving is too small.

Some of the other recommendations are of suggestive nature to improve operating practices; hence savings have not been worked out.

रजिस्ट्री सं. डी.एल.- 33004/99 REGD. No. D. L.-33004/99

भारत का राजपत्र
The Gazette of India

सी.जी.-डी.एल.-अ.-02012023-241581
CG-DL-E-02012023-241581

असाधारण
EXTRAORDINARY

भाग III—खण्ड 4
PART III—Section 4

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 699] नई दिल्ली, मंगलवार, दिसम्बर 27, 2022/पौष 6, 1944
No. 699] NEW DELHI, TUESDAY, DECEMBER 27, 2022/PAUSHA 6, 1944

केंद्रीय विद्युत प्राधिकरण

अधिसूचना

नई दिल्ली, 23 दिसम्बर, 2022

केविप्रा-टीएच-17/1/2021-टीईटीडी प्रभाग.—विद्युत अधिनियम, 2003 (2003 का 36) की धारा 177 के उप धारा (3) के साथ पठित विद्युत (पिछले प्रकाशन की प्रक्रिया) नियम, 2005 के नियम (3) के उप नियम (2) द्वारा यथाअपेक्षित केंद्रीय विद्युत प्राधिकरण (विद्युत संयंत्रों और विद्युत लाइनों के निर्माण के लिए तकनीकी मानक) विनियम, 2022 का प्रारूप छ: दैनिक समाचार पत्रों में प्रकाशित किया गया था, उन सभी व्यक्तियों से, जिनके उनसे प्रभावित होने की संभावना थी, उस तारीख से जिसको उक्त प्रारूप विनियमों से युक्त समाचार पत्र की प्रतियां जनता को उपलब्ध करा दी गई थीं, सैंतालीस दिन की अवधि के समाप्ति से पूर्व आक्षेप और सुझाव आमंत्रित किये गये थे;

और उक्त समाचार पत्रों की प्रतियां, जिनमें सार्वजनिक सूचनाएं और उक्त प्रारूप विनियम सम्मिलित हैं, केंद्रीय विद्युत प्राधिकरण की वेबसाइट पर 30 दिसंबर, 2021 को जनता को उपलब्ध करा दिए गए थे;

और उक्त प्रारूप विनियमों पर जनता से प्राप्त आपत्तियों और सुझावों पर केंद्रीय विद्युत प्राधिकरण द्वारा विचार कर लिया गया था;

अत:, विद्युत अधिनियम, 2003 (2003 का 36) की धारा 177 की उप-धारा (1) के साथ पठित उक्त अधिनियम की धारा 73 के खण्ड (ख) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, केंद्रीय विद्युत प्राधिकरण निम्नलिखित विनियम बनाता है, अर्थात्: -

अध्याय 1

1. **संक्षिप्त नाम, प्रारंभ और लागू होना - (1) इन विनियमों का संक्षिप्त नाम केंद्रीय विद्युत प्राधिकरण (विद्युत संयंत्रों और विद्युत लाइनों के निर्माण के लिए तकनीकी मानक) विनियम, 2022 है।**

CENTRAL ELECTRICITY AUTHORITY

NOTIFICATION

New Delhi, the 23rd December, 2022

CEA-TH-17/1/2021-TETD Division.–Whereas the draft of the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022 was published in six newspaper dailies, as required by sub-section (3) of section 177 of the Electricity Act, 2003 (36 of 2003) read with sub-rule (2) of rule 3 of the Electricity (Procedure for Previous Publication) Rules, 2005, inviting objections and suggestions from all persons likely to be affected thereby, before the expiry of the period of forty-seven days, from the date on which the copies of the newspaper containing the said draft regulations were made available to the public;

And whereas copies of the said newspapers containing the public notices and the said draft regulations on the website of the Central Electricity Authority were made available to the public on the 30th December, 2021;

And whereas the objections and suggestions received from the public on the said draft regulations were considered by the Central Electricity Authority;

Now, therefore, in exercise of the powers conferred by clause (e) of sub-section (2) of section 177 of the Electricity Act, 2003 (36 of 2003) read with clause (b) of section 73 of the said Act, the Central Electricity Authority hereby makes the following regulations, namely: -

CHAPTER I

1. **Short title, commencement and applicability. -** (1) These regulations may be called the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022.

   (2) Applicability. - These regulations shall apply to generating companies, transmission licensees, distribution licensees, Central Transmission Utility, State Transmission Utilities.

   (3) They shall come into force on the date of their publication in the Official Gazette.

2. **Definitions-** (1) In these regulations, unless the context otherwise requires,

   (a) "Act" means the Electricity Act, 2003;

   (b) "Authority" means the Central Electricity Authority established under sub-section (2) of Section 70 of the Act;

   (c) "Automatic voltage regulator" means a continuously acting automatic excitation control system to regulate a generating unit terminal Voltage;

   (d) "Autotransformer" means a power transformer in which at least two windings have common section;

   (e) "Base load operation" means operation at maximum continuous rating or its high fraction;

   (f) "Basic insulation level" means reference voltage level expressed in peak voltage with standard 1.2/50 µs lightning impulse wave. Apparatus shall be capable of withstanding test wave of basic insulation level or higher;

   (g) "Black start" means the startup of a generating unit or gas turbine or internal combustion engine based generating set without use of external power following grid failure;

   (h) "Boiler maximum continuous rating" means the maximum steam output, the steam generator can deliver continuously at rated parameters;

   (i) "Break time" means interval of time between the beginning of the opening of a switching device and the end of the arcing;

   (j) "Cold start", in relation to steam turbine, means start up after a shutdown period exceeding seventy two hours (turbine metal temperatures below approximately forty percent of their full load values);

   (k) "Combined cycle gas turbine module" means gas turbine generators, associated heat recovery steam generators and steam turbine generator;

   (l) "Control load", in relation to coal or lignite based thermal generating units, means the lowest load at which the rated steam temperature can be maintained under auto control system;

   (m) "Design head" means the net head at which peak efficiency of hydraulic turbine is attained while operating at rated output;

   (n) "Generator transformer" means power transformer required to step up generator voltage to connected bus voltage;

   (o) "Gross head" means the difference in elevation between the water levels of upstream reservoir and the center line of the turbine runner in case of Pelton turbine and tail race water level at the exit end of the

(b) Circuit breakers, isolators, fuses, insulators, CTs and PTs (potential transformers);

(c) Bus-bars and insulators.

(2) Switchyard structures shall be made of fabricated steel, reinforced cement concrete or pre-stressed concrete, rail or rolled steel joist depending on technical and economic considerations.

(3) The structures shall be able to withstand tension of conductors and load of the equipment and accessories without guys or stays.

(4) The steel structures shall be hot dip galvanised or painted:

(5) In highly polluted and corrosive atmospheric conditions galvanised structures with paint shall be used.

(6) Adequate muffing above the ground level shall be provided to avoid water accumulation near the structures.

58. Insulators. - (1) The insulators shall comply with relevant IS.

(2) The station design shall be such that number of insulators is minimum but at the same time reliability of supply is ensured.

(3) Suitable means shall be provided to accommodate conductor expansion and contraction and there shall not be any undue stress on any part or equipment due to temperature change.

(4) The minimum creepage distances for different pollution levels shall be as per Regulation 43.

(5) The post insulators shall be of pedestal type or Solid Core Station type.

(6) In the areas where problem of insulator pollution is expected (such as near sea or thermal power station, railway station, industrial area, etc.) special insulators *viz.* semi conducting glazed porcelain or polymer insulators with higher leakage resistance and creepage distance shall be used to minimize the flashover.

(7) The special coating like Room Temperature Vulcanized coating may also be used on the insulators in polluted areas as per requirement.

59. Circuit Breakers. - (1) Circuit breakers shall comply with the relevant IS and shall be SF_6 or vacuum type.

(2) The rated voltage of the circuit breakers shall be as per highest system voltage.

(3) Rated short time current rating of 33 kV circuit breakers shall not be less than 25 kA for one second and for 22 kV or 11 kV CBs shall not be less than 16 kA for one second.

(4) The operating mechanism of circuit breakers shall be motor operated spring charged type or magnetic actuator type.

(5) The circuit breaker shall be provided with anti-pumping and trip free features.

(6) The indoor circuit breakers shall be metal clad, either fixed type or draw out type.

(7) The rated rupturing capacity of the circuit breaker to be installed at any new sub-station shall be at least 25% higher than the calculated maximum fault level at the bus to take care of the increase in short circuit levels as the system grows.

60. Isolators and Earthing Switches. - (1) The isolators shall be as per capacity of substation and shall comply with relevant IS.

(2) The operating mechanism for the isolators and the controlling circuit breaker shall be interlocked so that the isolators cannot be opened unless the corresponding breakers are in open position.

(3) Earthing switches shall be provided at various locations to facilitate maintenance.

(4) Main blades and earth blades of earthing switches shall be interlocked, both electrically and mechanically.

(5) Earthing switches shall be motor operated as well as suitable for manual operation and only local operation is recommended for earth switches.

61. Control and Relay Panels. - (1) The control and relay panels shall conform to relevant IS.

(2) The panel shall be provided with:

(a) Numericalover current and earth fault relays conforming to relevant IS.

(b) Measuring instruments such as ammeter, voltmeter and energy meter for 33 kV, 22 kV and 11 kV systems.

(c) Mimic diagrams or Bay control unit (BCU).

(d) Annunciation, alarms and trip facilities.

62. Surge Arrestor. – (1) Distribution class, gapless metal oxide (ZnO) type surge arresters conforming to

Uttar Pradesh Pollution Control Board
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

138796/UPPCB/Noida(UPPCBRO)/CTO/both/NOIDA/2021 Date: 10/12/2021

To,
M/s
NTPC LTD DADRI
NTPC Dadri, Vidyut Nagar, Gautam Budh Nagar,GAUTAM BUDH NAGAR,201008

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the "Water (Prevention & Control of Pollution) Act, 1974" and under Section-21 of the "Air (Prevention & Control of Pollution) Act, 1981"

Consent No-13703470 Date-10/12/2021

CCA is hereby granted to **NTPC LTD DADRI** located at **NTPC Dadri, Vidyut Nagar, Gautam Budh Nagar,GAUTAM BUDH NAGAR,201008**. subject to the provisions of **the Water Act, Air Act** and the orders that may be made further and subject to following terms and conditions :-

1. This CCA NTPC LTD DADRI **granted for the period upto 31/12/2022** and valid for manufacturing of following products with **Capital Investment/Net Assets Values 375165.00 Lakhs**

S No	Product	Quantity(Per Month)
1	210x4 MW (coal based State-1)	.
2	490x2 MW (coal based State-2)	.
3	829 MW (Gas based)	.
4	05 MW (Solar based)	.

2. Specific Conditions under Water Act :-

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effulant	Mode of Disposal	Treatment facility and discharge point
Domestic	**2200 KLD (ZLD effluent shall be shall be reused)**	**STP**
Industrial	**6000 KLD treated effluent shall be reused in process, no effluent shall be discharged outside the premises.**	**ETP**

(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate **Effluent Treatment Plant** consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

1	pH	Between	5.5to9.0
2	Suspended solids	Not to exceed	100mg/l
3	BOD (3 days 27'C)	Not to exceed	30mg/l
4	COD	Not to exceed	250mg/l
5	Oil & Grease	Not to exceed	10mg/l

(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality.In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(v) The treated sewage shall be reuse in gardening and the same shall be maintained continuously so as to achieve the quality of the treated effluent to the following standards within five years from the date of notification dated 13.10.2017.

S No.	**Parameters**	**Present Standards for STP's**	**Standard for STPs to be achieved within five years. (From October 2017)**
1	**pH**	**5.5 to 9.0**	**6.5 to 9.0**
2	**BOD (mg/L)**	**Not more than 30**	**<30**
3	**TSS (mg/L)**	**Not more than 100**	**<100**
4	**Fecal Coliform (MPN/100ml)**	**-**	**<1000**

3. Conditions under Air Act :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as is required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards

S No.	**Air Pollution Source**	**Type of fuel**	**Stack no**	**Parameters**	**Height**
1	04 Boilers-700 TPH of Stage-1	Coal/HSD	01	Particulate Matter	225 Meter high stack with ESP
2	02 Boiler-1625 TPH of Stage-2	Coal/HSD	02	Particulate Matter	220 Meter Stack height with ESP
3	Turbine-1 of Gas based plant	Natural Gas	03	Particulate Matter	35 feet high stack from ground level
4	Turbine-2 of Gas based plant	Natural Gas	04	Particulate Matter	35 feet high stack from ground level

5	01 DG Set of 1600 KVA	Gas	09	Particulate Matter	14.5 meter stack height
6	Turbine-3 of Gas based plant	Natural Gas	05	Particulate Matter	35 feet high stack from ground level
7	Turbine-4 of Gas based plant	Natural Gas	06	Particulate Matter	35 feet high stack from ground level
8	03 DG Sets 1250 KVA	HSD	07	Particulate Matter	30 meter high stack from GL
9	03 DG Sets 750 KVA	HSD	08	Particulate Matter	14.82 meter stack hight
10	01 DG Set of 250 KVA	HSD	10	Particulate Matter	8.36 meter stack height

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

ii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

(iii) The unit will not use any type of restricted fuel.

Standards for Noise level in db(A) Leq	**Industrial Area**		**Commercial Area**		**Residential Area**		**Silence Zone**	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

6. Compulsory documents to be submitted by the Industry/Unit :-

(i) Annual return in Form-4 and Waste Disposal Manifest in Form-10 under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and Third Party Audit Report.

(ii) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

(iii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

7. Unit has to apply for renewal of CCA well in advance of 60 days of expiry of this CCA.

8. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

9. Unit has to comply with the other general conditions as annexed herewith. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will results in legal action under the aforesaid Acts and Rules.

VIVEK ROY Digitally signed by VIVEK ROY Date: 2022.01.24 18:08:00 +05'30'

CEO-1

Copy to:

Regional Officer, UPPCB, Noida.

VIVEK ROY Digitally signed by VIVEK ROY Date: 2022.01.24 18:08:11 +05'30'

CEO-1

Specific Conditions

1. This consent is valid for power generation -210x4 MW (coal based Stage-1), 490x2 MW (coal based Stage-2), 829 MW (Gas based), 05 MW (Solar based).
2. The industry shall comply with the Stack emission standards notified by MoEF&CC vide notification dated 07-12-2015 and Ambient air quality standard 2009 notified by CPCB on 18-11-2009.
3. The industry shall operate and maintain Online Continuous Emission Monitoring System effectively and data shall be transmitted to CPCB server. OCEMS system should be calibrated through recognized agency and calibration certificate should be submitted to UPPCB.
4. The industry shall comply with the conditions of Environmental Clearance issued by MoEF&CC Govt of India.
5. Industry shall install/operate FGD, DSI and SOFA system for controlling the pollutants in the emission.
6. Industry shall comply with the Fly Ash notification no. S.O. 254(E) dated 25-01-2016 of MoEF&CC, Govt. of India and detail of Fly ash disposal shall be submitted on quarterly basis to UPPCB.
7. Industry shall maintain effective dust separation /collection system at Coal Handling and Transportation point and also maintain shed in CHP area in such a manner, so that Ambient Air Quality is not affected at nearby places. Ambient air quality shall be monitored on regular basis and its report shall be submitted on quarterly basis to the UPPCB.
8. Industry shall install water sprinkling system to control the dust emission from silo and during transfer of fly ash.
9. Industry shall submit the Stack emission and Ambient Air quality monitoring report of Board's Laboratory/NABL accredited Laboratory on quarterly basis.
10. Bottom Ash shall be disposed as per guidelines of MoEF&CC and report shall be submitted to the Board on quarterly basis.
11. Industry shall install sufficient number of water sprinkling system around the coal crusher area and coal stock yard and operate it effectively to suppress the dust.
12. Industry shall develop and maintain green belt as per the guidelines issued by the Board vide office order dated 16/02/2018, which is available on Board's Website- www.uppcb.com.
13. Industry shall comply with various provisions of Hazardous and Other waste (Management & Trans-boundary Movement) Rule 2016. Detail of hazardous waste disposal shall be submitted in Form-10.
14. Consent fees if revised, shall be payable by industry from the date of its applicability.
15. Industry shall submit environmental statement in prescribed format as per rule 14 of Environment (Protection) Act, 1986.
16. Industry shall abide by directions given by Hon'ble Courts, MoEF&CC, Central Pollution Control Board and UPPCB for protection and safe guard of environment from time to time.
17. Industry shall comply with the relevant provisions of Environmental Laws.
18. If closure order is issued by CPCB or UPPCB against the unit, then CTO issued earlier will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective with additional conditions mentioned in the closure revocation order.
19. The industry shall install Electro Magnetic Flow meter at water supply line, inlet and outlet of STP and ETP and logbook of flow meters reading shall be maintained.
20. The industry shall operate and maintain Online Continuous Effluent Quality Monitoring System effectively and data shall be transmitted to CPCB server. OCEQMS system shall be calibrated through recognized agency and calibration certificate should be submitted to UPPCB.
21. The industry shall comply with the conditions of Environmental Clearance issued by MoEF&CC

Govt of India.
22. Industry shall comply with the Fly Ash notification no. S.O. 254(E) dated 25-01-2016 of MoEF&CC, Govt. of India and detail of Fly ash disposal shall be submitted on quarterly basis to UPPCB.
23. Industry shall treat DM plant, Back Wash, Cooling Tower Blowdown effluent etc. through ETP of capacity 400 Cubic meter/hour and shall recycle treated effluent in the process, sprinkling in coal handling plant for dust suppression & greenery etc as much as possible and rest treated effluent shall be discharged as per norms.
24. Domestic effluent shall be treated though STPs of capacity 3.8 MLD in such a manner to meet the discharge standard as prescribed under E(P) Rules 1986 and treated water shall be reused for cooling and irrigation purposes as much as possible and rest shall be discharged through closed pipe line into Hasanpur Drain.
25. Industry shall install PTZ camera at ETP, STP, and re-circulation points for surveillance of effective operation within 01 month and shall provide the URL and password to the Board.
26. Ground water shall be monitored on quarterly basis nearby ash dikes and analysis report with respect to heavy metals shall be sent to UPPCB.
27. Storm Water drain shall be kept separate in such manner that, industrial effluent does not get mixed with storm water.
28. Industry shall develop and maintain green belt as per the guidelines issued by the Board vide office order dated 16/02/2018, which is available on Board's Website- www.uppcb.com.
29. Industry shall comply with various provisions of Hazardous and Other waste (Management & Trans-boundary Movement) Rule 2016. Detail of hazardous waste disposal shall be submitted in Form-10

General Conditions:-

The applicant shall get analyse the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF and shall report to the UEPPCB.
1. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.
2. Treated waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.
3. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If, at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the Board, legal action shall be initiated against the applicant.
4. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof
5. The industry shall provide uninterrupted entry to the STP's/ETP's inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control measures.
6. The industry shall provide "Inspection Book" at the time of inspection to the Board's officials.
7. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.
8. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.
9. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.

10. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/ production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point

11. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

12. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous waste without obtaining prior permission of the Board.

13. Any unauthorized change in personnel, equipment as working condition as mentioned in the application by the person authorized shall constitute a breach of his authorization.

14. It is the duty of the authorized person to take prior permission of the Board to close down the facility.

15. The authorization is valid for temporary storage of Hazardous Waste within premises only.

16. The authorized agency shall ensure that on-line data with regard to quantity and nature of hazardous chemicals being used in the plant as well as air emission and waste generated within premises is displayed on Display Board of size 6x4 feet outside the main factory gate within premises

17. It is duty of the authorized person to take prior permission of this Board to close and cleanup the facility for treatment, storage and disposal of hazardous waste.

18. The applicant shall maintain record of hazardous waste in Form-3 and shall submit annual return in Form-4 on or before the 30th day of June following to the financial year to which that return relates.

19. In no case any hazardous waste shall be disposed off on land, in any drain, or into any water stream. All spillage must also be safely collected and stored.

20. Before the hazardous waste is stored or dumped in the facility, applicant must conduct a detailed physical and chemical analysis of hazardous waste sample and report to the Board.

21. Dried hazardous sludge from the process in the plant shall be stored in double lined HDPE pit constructed with R.C.C. or such material which does not react with the waste contained in it.

22. The storage area should be fenced properly and Sign/Notice Board indicating 'Danger' and 'Hazardous' shall be displayed at appropriate position both in Hindi and English.

23. The industry shall store non-ferrous metal waste, used oil/spent oil waste in sealed drums placed on impervious floor under covered shed. Hazardous waste if required shall be sold only to Registered Recyclers/Re-processors.

24. In case of any transportation of hazardous waste, the details in Form-10 of the Hazardous and Other Wastes Rules, 2016 shall be submitted to the Board.

VIVEK ROY Digitally signed by VIVEK ROY Date: 2022.01.24 18:08:28 +05'30'

CEO-1

Annexure-A15

Zimbra

Regarding AGC issues at Dadri II only

From: "Phanisankar Chilukuri" <pchilukuri@posoco.in>

To: "Uday Shankar उदय शंकर, udayshankar@ntpc.co.in" <udayshankar@ntpc.co.in>, "Rajat Garg रजत गर्ग" <rajatgarg@ntpc.co.in>

Cc: "Somes Bandyopadhyay सोमेस बंदोपाध्याय" <somesbandyopadhyay@ntpc.co.in>, "Debasis De" <debasis.de@posoco.in>, "R K Porwal" <rk.porwal@posoco.in>, "Ashok Kumar (अशोक कुमार)" <ashokkr@posoco.in>, "Anamika Sharma (अनामिका शर्मा)" <anamikasharma@posoco.in>, "Anmol Sharma (अनमोल शर्मा)" <anmolsharma@posoco.in>, "Mongam Harish Dora (मोंगम हरीश डोरा)" <mongam@posoco.in>, "Harish Rathour" <harishrathour@posoco.in>, "Mohneesh Rastogi (मोहनीश रस्तोगी)" <mohneesh@posoco.in>, "N Nallarasan, एन नल्लारासन" <nallarasan@posoco.in>

Sent: Tuesday, September 15, 2020 10:54:28 PM

Subject: Migration from AGC pilot project to full AGC project as per CERC Order 319/RC/2018

****Security Advisory: This Email has been sent by a Non-NTPC mail ID from Internet. The Actual sender determined by Security Gateway is [pchilukuri@posoco.in]. Please do not click links contained in this mail or open attachments unless you recognise the source of this email and know the content is safe. ****

Sir,

Kindly refer to communication from ED, NLDC on the subject dated 21st July 2020 and our detailed requirements document available at the below link. This

document is uniformly being used by all the power plants coming under AGC pan India.

https://imsva91-ctp.trendmicro.com:443/wis/clicktime/v1/query?
url=https%3a%2f%2fposoco.in%2fdownload%2fdetailed%2dsignal%2dlist%2dfor%2dconnecting%2dgenerators%2dunder%2dagc%2f%3fwpdmdl%3d29546%3chttps%3a%2f%2fimsva91%2dctp.trendmicro.com%3a443%2fwis%2fclicktime%2fv1%2fquery%3furl%3dhttps%253a%252f%252fposoco.in%252fdownload%252fdetailed%252dsignal%252dlist%252dfor%252dconnecting%252dgenerators%252dunder%252dagc%252f%253fwpdmdl%253d29546%26umid%3d5D8D2AF2%2dAF5D%2d6D05%2d847E%2d5ACE425AA8AD%26auth%3d9348ed3239451b50b108561f323eb6cec65440af%2d9d983b576644fb62912593d23c173f82c8b5a165%3e&umid=2F9194B3-B19B-9005-963A-07B4047C6A7B&auth=9348ed3239451b50b108561f323eb6cec65440af-0731bf884c97d126cf7ef3518d5ca469aed0c49b

The following are the major incremental changes required at pilot project power plants inline with uniform pan India AGC implementation. These changes are mainly based on the experience and feedback received from NTPC during the AGC pilot project. Some changes are already done at other pilot plants and required at Dadri-II alone; same is mentioned against relevant items.

Analog Outputs from power plant:

1. Unit Capability MW (max and min): Based on Declared Capability on bar, as per feedback from NTPC CC and NTPC Barh.

Unit Capability in MW is the ex-generating unit capability derived using the power plant declared capability which is divided amongst the units by the power plant operator. Note that power plant declares the capability on an ex-bus basis to RLDCs. Unit capability has to be calculated and updated by the power plant operator by distributing the ex-bus declared capability amongst the on bar generating units and adding the respective auxiliary consumption. This shall be entered by the power plant operator in the DCS / HMI. Similarly, minimum limit may also be provided. These signals will be used to limit final AGC set point to the power plant to never exceed the sum of individual unit capabilities.

2. RGMO/FGMO/Governor input to governor

This signal is the MW input to the governor from the output of the RGMO control block in the DCS. Alternatively put, this signal in MW is the generation of the unit caused by primary frequency response alone. This signal is already available from all pilot project plants except Dadri-II.

3. Delta P feedback

This Delta P feedback signal shall be taken from the DCS. In the unit DCS, Delta P (calculated in RTU or DCS) would be added to ULSP to calculate the final unit AGC set point. As per required AGC design, there shall be limits enforced for each unit by the power plant to restrict the total MW load set point input reaching master control. Delta P feedback shall be calculated after the limits are enforced. This is needed to exactly understand the MW quantum reaching the master control of the unit after adding AGC input to ULSP. This signal would be used in accounting and verification of the data exchange between NLDC and power plant, and is critical.

4. Reactive Power Actual MVAR

Actual MVAR reactive power absorbed or delivered by the unit.

5. AVR Voltage Set Point

Voltage set point of the automatic voltage regulator / exciter.

6. Low Voltage (LV) side Actual Voltage

Voltage at the LV side of the generating unit.

7. Generator Transformer (GT) Tap Position Tap position setting of the generator transformer.

Digital Output from power plant:

1. Governor status on/off: To understand whether the unit is providing primary response also. This is already being provided by other pilot plants except Dadri-II.

Digital Inputs to power plant:

1. AGC Suspend Status – Digital/Analog Output per unit Some times AGC needs to be suspended by NLDC for reasons like intermittent communication, reboots, updations etc. This information would be sent as a digital status. This signal has been already provided by other pilot plants except Dadri-II.

2. SCED schedule: Not for immediate use. Redundant extra signal to facilitate SCED schedule transfer to power plant (presently being updated through web-based scheduling by RLDCs). This is a spare signal for future market based implementations etc.

Basic logics to be implemented at the power plant RTU and/ DCS:

a) Plant DeltaP analog is calculated as,
\uD835\uDC43\uD835\uDC59\uD835\uDC4E\uD835\uDC5B\uD835\uDC61
\uD835\uDC37\uD835\uDC52\uD835\uDC59\uD835\uDC61\uD835\uDC4E \uD835\uDC43 =
(\uD835\uDC43\uD835\uDC59\uD835\uDC4E\uD835\uDC5B\uD835\uDC61
\uD835\uDC34\uD835\uDC3A\uD835\uDC36 \uD835\uDC46\uD835\uDC52\uD835\uDC61
\uD835\uDC43\uD835\uDC5C\uD835\uDC56\uD835\uDC5B\uD835\uDC61 –
∑\uD835\uDC48\uD835\uDC3F\uD835\uDC46\uD835\uDC43\uD835\uDC5B)∗
\uD835\uDC34\uD835\uDC3A\uD835\uDC36
\uD835\uDC46\uD835\uDC62\uD835\uDC60\uD835\uDC5D\uD835\uDC52\uD835\uDC5B\uD835\uDC51
\uD835\uDC46\uD835\uDC61\uD835\uDC4E\uD835\uDC61\uD835\uDC62\uD835\uDC60 ∗
\uD835\uDC36\uD835\uDC5C\uD835\uDC5A\uD835\uDC5A\uD835\uDC62\uD835\uDC5B\uD835\uDC56\uD835\uDC50\uD835\uDC4E\uD835\uDC61\uD835\uDC56\uD835\uDC5C\uD835\uDC5B
\uD835\uDC39\uD835\uDC4E\uD835\uDC56\uD835\uDC59\uD835\uDC62\uD835\uDC5F\uD835\uDC52

b) For Distribution Factor Analog Input of ‘n’units, check ∑
(\uD835\uDC37\uD835\uDC56\uD835\uDC60\uD835\uDC61\uD835\uDC5F\uD835\uDC56\uD835\uDC4F\uD835\uDC62\uD835\uDC61\uD835\uDC56\uD835\uDC5C\uD835\uDC5B
\uD835\uDC39\uD835\uDC4E\uD835\uDC50\uD835\uDC61\uD835\uDC5C\uD835\uDC5F\uD835\uDC5B) = 1

c) \uD835\uDC48\uD835\uDC5B\uD835\uDC56\uD835\uDC61
\uD835\uDC37\uD835\uDC52\uD835\uDC59\uD835\uDC61\uD835\uDC4E
\uD835\uDC43\uD835\uDC5B =
\uD835\uDC43\uD835\uDC59\uD835\uDC4E\uD835\uDC5B\uD835\uDC61
\uD835\uDC37\uD835\uDC52\uD835\uDC59\uD835\uDC61\uD835\uDC4E \uD835\uDC43 ∗
\uD835\uDC37\uD835\uDC56\uD835\uDC60\uD835\uDC61\uD835\uDC5F\uD835\uDC56\uD835\uDC4F\uD835\uDC62\uD835\uDC61\uD835\uDC56\uD835\uDC5C\uD835\uDC5B
\uD835\uDC39\uD835\uDC4E\uD835\uDC50\uD835\uDC61\uD835\uDC5C\uD835\uDC5F\uD83

5\uDC5B * AGC Local Remote\uD835\uDC5B

d) \uD835\uDC48\uD835\uDC5B\uD835\uDC56\uD835\uDC61 \uD835\uDC34\uD835\uDC3A\uD835\uDC36 \uD835\uDC46\uD835\uDC52\uD835\uDC61 \uD835\uDC43\uD835\uDC5C\uD835\uDC56\uD835\uDC5B\uD835\uDC61\uD835\uDC5B = \uD835\uDC48\uD835\uDC5B\uD835\uDC56\uD835\uDC61 \uD835\uDC37\uD835\uDC52\uD835\uDC59\uD835\uDC61\uD835\uDC4E \uD835\uDC43\uD835\uDC5B + \uD835\uDC48\uD835\uDC3F\uD835\uDC46\uD835\uDC43\uD835\uDC5B

e) Enforce minimum and maximum limits at each unit to process \uD835\uDC48\uD835\uDC5B\uD835\uDC56\uD835\uDC61 \uD835\uDC34\uD835\uDC3A\uD835\uDC36 \uD835\uDC46\uD835\uDC52\uD835\uDC61 \uD835\uDC43\uD835\uDC5C\uD835\uDC56\uD835\uDC5B\uD835\uDC61\uD835\uDC5B and convert it to \uD835\uDC48\uD835\uDC5B\uD835\uDC56\uD835\uDC61 \uD835\uDC34\uD835\uDC3A\uD835\uDC36 \uD835\uDC46\uD835\uDC52\uD835\uDC61 \uD835\uDC43\uD835\uDC5C\uD835\uDC56\uD835\uDC5B\uD835\uDC61 \uD835\uDC4E\uD835\uDC53\uD835\uDC61\uD835\uDC52\uD835\uDC5F \uD835\uDC3F\uD835\uDC56\uD835\uDC5A\uD835\uDC56\uD835\uDC61\uD835\uDC60\uD835\uDC5B

f) \uD835\uDC48\uD835\uDC5B\uD835\uDC56\uD835\uDC61 \uD835\uDC37\uD835\uDC52\uD835\uDC59\uD835\uDC61\uD835\uDC4E \uD835\uDC43 \uD835\uDC39\uD835\uDC52\uD835\uDC52\uD835\uDC51\uD835\uDC4F\uD835\uDC4E\uD835\uDC50\uD835\uDC58\uD835\uDC5B = \uD835\uDC48\uD835\uDC5B\uD835\uDC56\uD835\uDC61 \uD835\uDC34\uD835\uDC3A\uD835\uDC36 \uD835\uDC46\uD835\uDC52\uD835\uDC61 \uD835\uDC43\uD835\uDC5C\uD835\uDC56\uD835\uDC5B\uD835\uDC61 \uD835\uDC4E\uD835\uDC53\uD835\uDC61\uD835\uDC52\uD835\uDC5F \uD835\uDC3F\uD835\uDC56\uD835\uDC5A\uD835\uDC56\uD835\uDC61\uD835\uDC60\uD835\uDC5B – \uD835\uDC48\uD835\uDC3F\uD835\uDC46\uD835\uDC43\uD835\uDC5B

Below logics are already existing at four other pilot projects except Dadri-II:

i) To detect communication failure and convert Plant DeltaP analog output to zero

j) To detect AGC Suspend status and convert Plant DeltaP analog output to zero

k) To detect AGC Local status and convert Plant DeltaP analog output to zero

An e-meeting may kindly be organized with NTPC-CC and AGC pilot power plants, if further clarification is needed.

Thanks and regards

Phanisankar Chilukuri

Manager (System Studies), NLDC.

Uday Shankar
DGM(OS-SIIS)
NTPC Limited, NTPC Bhawan, SCOPE Complex,
Core-5, 3rd Floor, 7,Institutional Area,
Lodhi Road, New Delhi- 110 003.
Mob:+91 9650990096
LL(Off): +91 11-2438 7090
FAX NO: 01124369545
Alternate email: sunouday@gmail.com

POWER SYSTEM OPERATION CORPORATION LIMITED

New Delhi

Date: 17-09-2019

Subject: Requirements for Automatic Generation Control (AGC) Connecting Equipment at Power Plants

Sir / Madam,

Hon'ble Central Electricity Regulatory Commission (CERC) in the matter of Automatic Generation Control (AGC) implementation in India has issued the direction that all thermal ISGS stations with installed capacity of 200 MW and above and all hydro stations having capacity exceeding 25 MW excluding the Run-of-River Hydro Projects irrespective of size of the generating station and whose tariff is determined or adopted by CERC are directed to install equipment at the unit control rooms for transferring the required data for AGC as per the requirement to be notified by the National Load Despatch Centre (NLDC). The CERC Order 319/RC/2018 dated 28th August 2019 is available at http://www.cercind.gov.in/2019/orders/319-RC-2018.pdf

In this regard, the minimum requirements for AGC connecting equipment at power plants based on the experience of the AGC Pilot Project are hereby being issued by NLDC and is attached as **Annexe-1**. The list of plants identified for monitoring by NLDC as per CERC Order is attached as **Annexe-2**.

All the power plants are hereby requested to provide the infrastructure for meeting the specified requirements. Also, all the power plants are requested to take necessary action for arranging the communication (through redundant and alternate paths) from the existing nearest wideband communication node to the unit control room (where remote terminal unit would be located) through redundant fibre optic cables, in coordination with Central Transmission Utility (CTU).

It may please be noted that all the ISGS stations whose tariff is determined or adopted by CERC should be AGC-enabled **before 28th February 2020 as per the Order of the Hon'ble Commission**. Therefore, it is requested that the arrangements may kindly be completed by the power plants before **31st January 2020.**

Any queries may please be emailed to agcnldc@posoco.in

Sd/-

(Debasis De)
Executive Director
NLDC, POSOCO.

Annexe-1

General Requirements for Automatic Generation Control (AGC) Connecting Equipment at Power Plants

The following signals would be handled as a minimum in AGC. Apart from the below mentioned signals, some other power plant specific signals also might be needed on case to case basis. Hence, provision for expansion and spares may be included.

A) Analog Input data required per generating unit

1. Unit Load Set Point (ULSP)
2. Actual Generation MW
3. Unit Capability
4. RGMO/FGMO/Governor input to governor
5. Delta P (Acknowledgement/ feedback) = AGC Set Point – ULSP
6. Reactive Power Actual MVAR
7. AVR Voltage Set Point
8. Low Voltage (LV) side Actual Voltage
9. Generator Transformer (GT) Tap Position
10. Distribution Factor (fraction for distribution of AGC DeltaP in between the units of the power plant)

Additional Analog inputs from Hydro power plants

11. Minimum load at which unit can stably run after synchronization – Unit wise (P1) (in MW)
12. Forbidden zones or high cavitation zones - Unit-wise (From MW to MW) - P2 to P3
13. Maximum loading possible on unit (continuous) (P4)
14. Declared Energy for the day
15. Schedule Energy (Cumulative)
16. Water gross head (m)

Additional Analog inputs from Gas power plants

17. Reference exhaust gas temperature
18. Actual exhaust gas temperature

B) Digital Input data required per generating unit

1. Circuit Breaker Status on/off
2. Governor status on/off
3. AGC Local/Remote

Additional Digital inputs from Hydro power plants

4. Pumping Status on/off

C) Analog Output data required per generating unit

1. AGC Set Point
2. AGC Suspend Status – Digital/Analog Output per unit
3. SCED schedule

D) Hardware Specifications

Main CPU Card, Communication Card with communication controller, DB 9 serial interface ports (101), minimum two Ethernet ports (104) interface Tx / Rx. Firmware of communication protocol should be loaded.

The following hardware/software is needed as a minimum at the plant per unit:

a) Analog input card: 32-bit processor with at least 32 analog inputs /outputs per generating unit, with scope for expansion.

b) Analog output card: 32-bit processor at least 16 analog outputs per generating unit, with scope for expansion.

c) Digital input card: 32-bit processor with at least 8 digital inputs per generating unit, with scope for expansion.

d) Digital output card: 32-bit processor with at least 4 digital output signals per generating unit, with scope for expansion. (Provision can be useful for connecting digital devices in future)

e) Shall be capable of communicating over IEC 60870-5-104 protocol with RLDC/NLDC. Should be capable of reporting to multiple masters (at least 4) simultaneously over IEC 104.

f) Shall have the capability of programing /parametrization, performing microprocessor level calculations and accepting logic. RAM/ flash memory may be capable of handling complex codes. (Arithmetic and logical operations like +, -, *, /, if, else, while, do, OR, AND, NOT etc. would be needed)

g) Shall have the capability to acquire analog inputs of standard 4-20 mA current and 0-5 Vdc etc. or raise /lower command signals from AGC server / transducer etc.

h) Shall have GPS clock synchronisation facility as per the standard protocols.

i) Shall operate over the Standard DC input voltage of 24-60 V DC. Shall have the capability of automatic start up following restoration of power after an outage. Internal battery backup to hold data, date/time in SOE buffer memory is needed.

j) All Sequence of Events (SOE) shall be reported to RLDCs/NLDC.

k) Shall be capable of storing data on an external memory device.

l) Shall have communication interfaces via insert- able serial interface modules for Ethernet.

m) The associated system at power plants end shall be able to log / record the AGC signal / command from NLDC / RLDC (for the station before bifurcation) at an appropriate interval (say 2 sec or configurable) and shall integrate the AGC command over a period of 1 min, 5 min and 15 min period or user configurable period. The integrated value of AGC command will be stored in the data base with GPS time stamping.

n) Shall demonstrate capabilities to Plant/NLDC with an example setup.

E) Other associated hardware /cabling requirement

a) Line interface units (LIU), network switch along with ethernet ports, router cum firewall and patch cards as per the assessment & requirement.

b) Optical fibre cabling (through redundant and alternate paths) from the nearest wideband node up to the unit /plant control room. Shall ensure necessary equipment at wide band node switch yard for interfacing with the available ports of CTU/POWERGRID. Shall include necessary accessories to achieve communication redundancy at RTU and switchyard.

c) GPS clock with standard communication protocol for synchronisation.

d) PC and related software for entering distribution factor as well as storing /logging the data as mentioned in Sl. No. D (l).

F) Basic logics to be implemented at the power plant RTU

The basic logics given below may be implemented for safe operation. Apart from these, some other logics may need to be implemented on case to case basis.

a) DeltaP analog is calculated as, DeltaP = AGC Set Point – ULSP
b) For Distribution Factor Analog Input of 'n'units, check $\sum_{1}^{n}(Distribution\ Factor)$ = 1
c) Scheduled Energy (Cumulative MWh) for Hydro is calculated as $\sum_{t=1}^{96}(Scheduled\ MW/4)$
d) To detect communication failure and convert DeltaP analog output to zero
e) To detect AGC Suspend status and convert DeltaP analog output to zero
f) To detect AGC Local status and convert DeltaP analog output to zero

Annexe-2

List of power plants to be monitored by NLDC regarding AGC as per CERC Order 319/RC/2018

S.No.	Power Plant	Region	Thermal/ Hydro	Capacity (MW)
1	Costal Gujarat Power Ltd	WR	T	4150
2	Sasan Power Ltd	WR	T	3960
3	Kudgi STPS I	SR	T	2400
4	Ramagundam STPS - I & II	SR	T	2100
5	Korba STPS STG (I & II)	WR	T	2100
6	Singrauli STPS	NR	T	2000
7	Talcher STPS – II	SR	T	2000
8	SIPAT TPS Stg-I	WR	T	1980
9	Farakka STPS - I & II	ER	T	1600
10	Naptha Jhakri	NR	H	1500
11	Kahalgaon STPS – II	ER	T	1500
12	Indra Gandhi STPS	NR	T	1500
13	NTECL - Vallur TPS	SR	T	1500
14	Barh TPS	ER	T	1320
15	Mouda STPP Stage-II	WR	T	1320
16	Solapur Super Thermal Power Project	WR	T	1320
17	Vindhyachal-I	WR	T	1260
18	Maithon Power Limited	ER	T	1050
19	Tehri	NR	H	1000
20	Koldam	NR	H	1000
21	Talcher STPS – I	ER	T	1000
22	Rihand TPS Stage – III	NR	T	1000
23	Rihand TPS Stage – I	NR	T	1000
24	Rihand TPS Stage – II	NR	T	1000
25	NTPL - Tuticorin TPS	SR	T	1000
26	Simhadri STPS – II	SR	T	1000
27	Simhadri STPS – I	SR	T	1000
28	SIPAT TPS Stg-II	WR	T	1000
29	Vindhyachal-IV	WR	T	1000
30	Vindhyachal-III	WR	T	1000
31	Vindhyachal-II	WR	T	1000
32	Mouda STPP Stage-I	WR	T	1000
33	Dehar	NR	H	990
34	Dadri TPS Stage – II	NR	T	980
35	Kahalgaon STPS – I	ER	T	840
36	Dadri TPS Stage – I	NR	T	840
37	NLC TPS – II	SR	T	840
38	Dadri Gas	NR	T	830
39	Gadarwara STPP St-I	WR	T	800

S.No.	Power Plant	Region	Thermal/ Hydro	Capacity (MW)
40	Bhakra Right	NR	H	785
41	BongaigaonTPP	NER	T	750
42	Nabinagar Thermal Power Project	ER	T	750
43	Ratnagiri Gas	WR	T	664
44	Auraiya Gas	NR	T	663
45	Gandhar Gas	WR	T	657
46	Kawas Gas	WR	T	656
47	NLC TPS – I	SR	T	630
48	Bhakra Left	NR	H	594
49	Chamera-I	NR	H	540
50	Parbati III	NR	H	520
51	Teesta-V	ER	H	510
52	Farakka STPS – III	ER	T	500
53	Unchahar TPS Stage – IV	NR	T	500
54	NLC TPS - II Exp	SR	T	500
55	Ramagundam STPS – III	SR	T	500
56	Korba STPS STG (III)	WR	T	500
57	Vindhyachal-V	WR	T	500
58	NTPC-SAIL Power Company Pvt. Ltd	WR	T	500
59	Unchahar TPS Stage – I	NR	T	420
60	Unchahar TPS Stage – II	NR	T	420
61	NLC TPS - I Exp	SR	T	420
62	Anta Gas	NR	T	419
63	Koteshwar	NR	H	400
64	Pong	NR	H	396
65	Dulhasti	NR	H	390
66	MTPS Stage-II	ER	T	390
67	Chamera-II	NR	H	300
68	AGBPP – Kathalguri	NER	T	291
69	Dhauliganga	NR	H	280
70	Chamera-III	NR	H	231
71	Kopili	NER	H	200
72	Bairasiul	NR	H	180
73	Sewa-II	NR	H	120
74	Loktak	NER	H	105
75	Doyang	NER	H	75
76	Rangit	ER	H	60
77	Khandong	NER	H	50
78	Kopili-II	NER	H	25
	Total			**71484**

केन्द्रीय विद्युत विनियामक आयोग
CENTRAL ELECTRICITY REGULATORY COMMISSION

नई दिल्ली
NEW DELHI

याचिका संख्या. /Petition No.: 319/RC/2018

कोरम/Coram:

श्री पी. के. पुजारी, अध्यक्ष/Shri P. K. Pujari, Chairperson
डॉ. एम. के. अय्यर, सदस्य/ Dr. M.K. Iyer, Member
श्री आई. एस. झा, सदस्य/ Sh. I.S. Jha, Member

आदेश दिनांक /Date of Order: 28th of August, 2019

IN THE MATTER OF

Automatic Generation Control (AGC) implementation in India

AND

IN THE MATTER OF

National Load Despatch Centre
Power System Operation Corporation Ltd.
(A Government of India Enterprise) B-9,
Qutab Institutional Area, Katwaria Sarai
New Delhi-110016

…Petitioner

VERSUS

1. NTPC Limited,
   Plot No A-8A,
   Sector-24, Noida,
   Uttar Pradesh, India- 201301

2. NHPC Limited,
   N.H.P.C Office Complex,
   Sector-33, Faridabad – 121003, Haryana

3. Central Transmission Utility,
   Saudamini, Plot No. 2,
   Sector-29, Gurgaon-122 001 (Haryana)

4. SJVN, Shakti Sadan,
   SJVN Corporate Office Complex, Shanan-171006

5. THDC INDIA LIMITED, Corporate Office,
   Rishikesh, Pragatipuram, By Pass Road,
   Rishikesh – 249201, Uttrakhand

6. Aravali Power Company Private Ltd.,
   Indira Gandhi Super Thermal Power Station (IGSTPS),
   Jharli, District Jhajjar, Haryana-124141

7. N T E C L Vallur Thermal Power Project,
   P.O.: Vellivoyal Chavadi,
   Ponneri Taluk, Tiruvallur Dist, Chennai- 600 103

8. NLC India Limited,
   Block - 1, Neyveli - 607 801,
   Cuddalore District, Tamilnadu

9. NTPC-SAIL Power Company Limited –
   Corporate Centre, 4th Floor, Nbcc Tower,
   15 Bhikaiji Cama Place, New Delhi, Delhi – 110066

10. Coastal Gujarat Power Ltd,
    Tata Power Co. Ltd., Backbay Rec Station,
    148, Lt. Gen. J.Bhonsle Marg,
    Nariman Point, Mumbai 400 021

11. Sasan Power Limited,
    Reliance Centre, Near Prabhat Colony,
    Off Western Express Highway,
    Santacruz East, Mumbai – 400055, Mumbai

12. Ratnagiri Gas and Power Pvt. Ltd.,
    Registered Office, NTPC Bhawan,
    Core-7, SCOPE Complex,
    7, Institutional Area, Lodi Road,
    New Delhi-110003, India

13. North Eastern Electric Power Corporation Ltd,
    Brookland Compound, Lower New Colony,
    Shillong-793003, Meghalaya, India.

14. ONGC Tripura Power Company Ltd.
    6th Floor, A Wing, IFCI Towers, 61,
    Nehru Place, New Delhi – 110019

15. Bharatiya Rail Bijlee Company Ltd.
    Nabinagar,Khera Police Station
    Dist.-Aurangabad, Bihar-824303

Northern Region

16. Delhi Transco Limited,
    33kV, Sub Station Building,
    Minto Road, New Delhi -110002.

17. Haryana Vidyut Prasaran Nigam Limited,
    XEN/LD & PC, SLDC Complex,
    Sewah Panipat -132103.

18. Himachal Pradesh State Electricity Board,
    HP Load Despatch Society,
    SLDC complex, Totu,
    Shimla -171011.

19. Jammu & Kashmir Power Development Department,
    SLDC Building,
    220 kV Grid Station Narwal,
    Jammu -180007.

20. Punjab State Transmission Corporation Limited,
    Ablowal, Patiala, SLDC Building,
    Near 220KV Grid Substation,
    PSTCL, Ablowal,
    Patiala -147001

21. Rajasthan Rajya Vidyut Prasaran Nigam Limited,
    State Load Despatch Centre,
    Rajasthan Rajya Vidyut Prasaran Nigam Limited,
    Ajmer Road, Heerapura,
    Jaipur -302024

22. Uttar Pradesh Power Transmission Corporation Limited,
    Power System,5th Floor,
    Shakti Bhawan,14 Ashok Marg,
    Lucknow -226001

23. Power Transmission Corporation of Uttarakhand Limited,
    400 KV Substation,
    Veerbhadra, Rishikesh -249202

24. General Manager,
Singrauli Super Thermal Power Station,
Shakti Nagar, UP-231222

25. General Manager,
Singrauli Solar PV Power Project,
Shakti Nagar, UP-231222

26. General Manager,
Singrauli Small Hydro Power Project,
Shakti Nagar, UP-231222

27. General Manager,
Rihand Super Thermal Power Station-I,
Rihand Nagar, UP-231223

28. General Manager,
Rihand Super Thermal Power Station-II,
Rihand Nagar, UP-231223

29. General Manager,
Rihand Super Thermal Power Station-III,
NTPC Rihand, Dist-Sonbhadra,
UP - 231223

30. General Manager,
Dadri, National Capital Power Project,
Dadri Dhaulana Road,
Distt. Gautam Buddh Nagar,
UP-201008

31. General Manager,
Dadri – Stage - II,
National Capital Power Project,
Dadri Dhaulana Road,
Distt. Gautam Buddh Nagar,
UP-201008

32. General Manager,
Firoz Gandhi Unchahar Thermal Power Project-I,
Unchahar, Distt. Rai bareilly,
UP

33. General Manager,
Firoz Gandhi Unchahar Thermal Power Project-II,
Unchahar, Distt. Raibareilly,
UP

34. General Manager,
Firoz Gandhi Unchahar Thermal Power Project-III,
Unchahar, Distt. Raibareilly,
UP

35. General Manager,
Firoz Gandhi Unchahar Thermal Power Project-IV,
P.O. Unchahar, Dist. : Raibareilly (U.P.) Pin-229406

36. General Manager,
Firoz Gandhi Unchahar Solar PV Power Project,
Unchahar, Distt. Raibareilly, UP

37. General Manager,
Dadri Gas Power Project,
Dhaulana Road, Distt.
Gautam Buddh Nagar,
UP-201008

38. General Manager,
Dadri Solar PV Power Project,
Dhaulana Road, Distt.
Gautam Buddh Nagar,
UP-201008

39. General Manager,
Auraiya Gas Power Project(Gas Fired, RLNG Fired, Liquid Fired),
Dibiyapur, Distt Etawah,
UP-206244

40. General Manager,
Anta Gas Power Project (Gas Fired, RLNG Fired, Liquid Fired),
Distt. Baran,
Rajasthan-325209

41. General Manager, Koldam HPP, NTPC,
Post- Barman, Dist- Bilaspur,
Himachal Pradesh 174013

42. Station Director,
Narora Atomic Power Station,
Narora, Distt. Bulandshahar,
UP-202389

43. Station Director,
Rajasthan Atomic Power Station-B,
Anu Shakti Vihar, Kota,
Rajasthan-323303

44. Station Director,
Rajasthan Atomic Power Station-C, (RAPS-5&6)
PO-Anushakti, Kota,
Rajasthan-323304

45. General Manager,
Bairasiul Hydro Electric Project,
NHPC Ltd., Surangini,
Distt. Chamba, HP-176317

46. General Manager,
Salal Hydro Electric Project,
NHPC Ltd,
Jyotipuram, Distt. Udhampur,
J&K-182312

47. General Manager,
Tanakpur Hydro Electric Project,
NHPC Ltd.,
Banbassa, Distt. Champawa,
Uttrakhand-262310

48. General Manager,
Chamera-I Hydro Electric Project,
NHPC Ltd.,
Khairi, Distt.
Chamba, HP-176310

49. General Manager,
Uri Hydro Electric Project,
NHPC Ltd.,
Mohra, Distt. Baramulla,
J&K-193122

50. General Manager,
Chamera-II Hydro Electric Project,
NHPC Ltd.,
Karian, Distt. Chamba,
HP-176310

51. General Manager,
Chamera-III Hydro Electric Project,
NHPC Ltd., Dharwala, Distt.- Chamba,
HP-176311

52. General Manager,
Dhauliganga Hydro Electric Project,
NHPC Ltd., Tapovan, Dharchula, Pithoragarh,
Uttrakhand-262545

53. General Manager,
Dulhasti Hydro Electric Project,
NHPC Ltd.,
Chenab Nagar, Distt. Kishtwar,
J&K-182206

54. General Manager,
Uri 2 Hydro Electric Project, NHPC Ltd.,
Nowpura, Distt. Baramulla, J&K-193123

55. General Manager,
Parbati HE Project Stage-III Behali,
P.O- Larji Kullu 175122 Himachal Pradesh

56. Chief Engineer,
Sewa-II Power Station,
NHPC Ltd. Mashke, post Bag no-2,
P.O-Khari, Dist: Kathua, Jammu and Kasmir -176325

57. The Chief Engineer (Electrical),
Kishanganga HEP,
Office cum Residential colony, Kralpora,
Distt: Bandipora, Jammu and Kashmir-193502

58. Chief Engineer (Elect.),
Parbati-II HEP, Electrical & Mechanical complex,
Sainj, Distt. Kullu, Himachal Pradesh -175134

59. General Manager,
Naptha Jhakhri HEP,
Satluj Jal Vidyut Nigam Ltd. Power Project,
Jhakri, Rampur, Distt. Shimla, HP-172201

60. General Manager,
Rampur HEP,
Satluj Jal Vidyut Nigam Ltd. Power Project,
Jhakri, Rampur, Distt. Shimla, HP-172201

61. General Manager,
Tehri Hydro Development Corporation Ltd.,
Pragatipuram, Rishikesh,
Uttrakhand-249201

62. General Manager,
Koteshwar HEP, THDCIL, Koteshwerpuram,
Post Office- Pokhari Tehri Garwal, Uttarakhand - 249146

63. Director (Power Regulation),
Bhakra Power House, SLDC Complex,
66 KV Substation, Industrial Area Phase-I,
Madhya Marg, BBMB Chandigarh

64. General Manager, ADHPL,
Village- Prini, PO -Jagat Sukh,
Tehsil - Manali, Distt- Kullu (H.P) India.

65. General Manager,
Indra Gandhi Super Tharmal Power Project,
PO -Jharli, Tahsil Matanhail, Dist – Jhajjar, (Haryana)-124125

66. General Manager,
Karcham Wangtoo HEP,
Himachal Baspa Power Company Limited,
Sholtu Colony, PO- Tapti, Dist-Kinnaur, -172104 (HP)

67. Director,
Malana - II Everest Power Pvt. Ltd,
Hall-A/ First Floor Plot No-143-144,
Udyog Vihar, Phase -4, Gurgaon, Haryana 122015

68. Company Secretary,
Shree Cement Thermal Power Project Bangurnagar,
Beawar , Dist Ajmer, Rajasthan -305901

69. Company Secretary,
Greenco Budhil HPS Ltd,
Plot No. 1367 Road No- 45,
Jubilee Hills, Hyderabad- 500033

70. Project General Manager,
Himachal Sorang Power Limited, D-7,
Lane-I, Sector-I, New Shimla, Shimla, H.P.-171009.

71. General Manager,
Sainj HEP, HPPCL, Larji,
Distric - Kullu, Himachal Pradesh, 175122

Western Region

72. MSLDC,
Airoli, Navi Mumbai, Airoli,
Thane - Belapur Road, Navi Mumbai-400708.

73. State Load Despatch Centre,
MPPTCL, Jabalpur,
O/o Chief Engineer (SLDC), MPPTCL, Nayagaon, Jabalpur

74. SLDC Gotri Vadodara,
Gujarat, 132kV Gotri s/s compound,
Opposite Kalpvrux Complex,
Gotri Road,
Vadodara

75. Chhattisgarh State Load Despatch Centre,
C.E(LD), State Load Despatch Centre,
CSPTCL, Daganiya-HQ,
Raipur, Chhattisgarh

76. General Manager, Korba STPS STG (I& II),
National Thermal Power Corporation,
P.O. Vikas Bhavan, Jamnipali,
Korba(Distt.),
Chhattisgarh- 495 450.

77. General Manager,
Korba STPS STG (III),
National Thermal Power Corporation,
P.O. Vikas Bhavan, Jamnipali,
Korba(Dist),
Chhattisgarh- 495 450.

78. General Manager,
STAGE-I, Vindhyachal STPS,
National Thermal Power Corporation of India Ltd,
P.O Vindhyanagar, Sidhi(Dist),
Madhya Pradesh – 486 885

79. General Manager,
STAGE-II, Vindhyachal STPS,
National Thermal Power Corporation of India Ltd,
P.O Vindhyanagar, Sidhi(Dist),
Madhya Pradesh – 486 885

80. General Manager,
STAGE-III, Vindhyachal STPS,
National Thermal Power Corporation of India Ltd,
P.O Vindhyanagar, Sidhi(Dist),
Madhya Pradesh – 486 885

81. General Manager,
STAGE-IV, Vindhyachal STPS,
National Thermal Power Corporation of India Ltd,
P.O Vindhynagar, Sidhi(Distt.),
Madhya Pradesh – 486 885

82. General Manager,
Kawas Gas Power Project,
National Thermal Power Corporation of India Ltd,
P.O. Aditya Nagar,
Surat- 394 516

83. General Manager,
Gandhar Gas Power Project,
National Thermal Power Corporation of India Ltd,
P.O. NTPC Township, Bharuch(Distt.),
Gujarat- 392 215

84. General Manager,
SIPAT TPS Stg-I,
National Thermal Power Corporation of India Ltd,
SIPAT, Chhattisgarh.

85. General Manager,
SIPAT TPS Stg-II,
National Thermal Power Corporation of India Ltd,
SIPAT, Chhattisgarh.

86. General Manager,
Mouda STPP,
NTPC Ltd,
Mouda Ramtek Road,
P.O.Mouda, Nagpur (Dist),
Maharashtra

87. General Manager ,
2 X 135 MW Kasaipali Thermal Power Project,
ACB (India) Ltd.
District - Korba
Chhattisgarh Chakabura 495445

88. General Manager,
Bharat Aluminium Co. Ltd,
Captive Power plant-II,
BALCO Nagar Chhattisgarh, Korba 495 684

89. Executive Director,
Costal Gujarat Power Ltd,
Tunda Vandh Road, Tunda Village, Mundra,
Gujarat Kutch 370435

90. Executive Director,
DB Power,
Village - Baradarha, Post - Kanwali,
Dist - Janjgir, Champa, Chhattisgarh Baradarha 495695

91. Executive Director,
Jindal Power Ltd. Stg-I,
OP Jindal STPP, PO-Tamnar,
Gjarghoda Tehsil,
Chhattisgarh District - Raigarh, 496107

92. Executive Director,
Jindal Power Ltd. Stg-II,
OP Jindal STPP,
PO-Tamnar,
Gjarghoda Tehsil,
Chhattisgarh District - Raigarh, 496107

93. Executive Director,
Plot No Z-9,
Dahej SEZ Area (Eastern side),
Dahej, Taluka-Vagra, Gujarat Dist-Bharuch, 392130

94. Executive Director,
EMCO Power Ltd,
Plot No B-1, Mohabala MIDC Growth Center
Post Tehsil - Warora, Dist Chandrapur-Maharashtra 442907

95. Executive Director,
ESSAR POWER MP LTD.
Village Bandhora,
Post Karsualal, Tehsil Mada,
Distt. Singrauli, Madhya Pradesh-486886

96. General Manager,
GMR CHHATTISGARH ENERGY LTD
Skip House, 25/1, Museum Road
Karnataka Banglore 560025

97. Managing Director,
Jaypee Nigri Super Thermal Power Project,
Nigri District, Madhya Pradesh
Singrauli 486668

98. Executive Director,
DCPP, OP Jindal STPP,
PO-Tamnar, Gjarghoda Tehsil,
Chhattisgarh District - Raigarh, 496107

99. Station Director,
Nuclear Power Corporation of India ltd,
Kakrapara Atomic Power Station,
PO - via Vyara, Gujarat Dist - Surat 395651

100. Station Director,
Tarapur Atomic Power Station 1&2,
Nuclear Power Corporation of India Ltd,
P.O. TAPP, Thane(Dist),
Maharashtra- 401 504

101. Station Director,
Tarapur Atomic Power Station 3&4,
Nuclear Power Corporation of India Ltd,
P.O. TAPP, Thane (Distt.),
Maharashtra- 401 504

102. Managing Director,
Korba West Power Co. Ltd.,
Village – Chhote Bhandar,
P.O. - Bade Bhnadar,
Tehsil - Pussore,
District - Raigarh,
Chhattisgarh Raigarh 496100

103. Managing Director,
KSK Mahanadhi,
8-2-293/82/A/431/A, Road No 22 Jubilee Hills
Andhra Pradesh Hyderabad 500033

104. General Manager,
LANCO Power Ltd,
Plot No - 397, Phase -III, Udyog Vihar, Haryana
Gurgaon 122016

105. General Manager,
NTPC-SAIL Power Company Private Ltd,
Puranena Village, Chhattisgarh Dist - Durg,
Bhilai 490021

106. General Manager,
Ratnagiri Gas & Power Pvt Ltd,
2nd Floor, Block-2, IGL Complex,
Sector-126, Expressway, Uttar Pradesh
Noida 201304

107. Managing Director,
Sasan Power Ltd,
DAKC, I Block, 2nd Floor, North Wing,
Thane Belapur Road, Koparkhairana Maharashtra
New Mumbai 400710

108. Managing Director,
Vandana Vidyut Bhavan,
M. G. Road
Chhattisgarh Raipur 492001

109. Managing Director,
RAPP Transmission Company Limited,
Mira Corporate Suites,
1&2 Ishwar Nagar,
Okhla crossing,
Mathura road,
New Delhi, 110065

110. General Manager,
LARA,
National Thermal Power Corporation of India Ltd,
Chappora, PO-Pussora,
Raigarh, Chhattisgarh.

111. General Manager,
Solapur,
National Thermal Power Corporation of India Ltd,
Western Region HQ,
Samruddhi Venture Park,
2nd Floor, MIDC Marol,
Andheri East, Mumbai,
Maharashtra.

Eastern Region

112. State Load Despatch Center,
GRIDCO Colony
PO-Mancheswar Railway Colony,
BBSR Bhubaneshwar -751070

113. State Load Despatch Center,
Jharkhand State Electricity Board (JSEB)
Kushai Colony, Doranda,
Ranchi-834002

114. SLDC-BSEB,
Patna, Bihar State Electricity Board,
Vidyut Bhawan, Jawaharlal Nehru Marg,
Patna-800021

115. SLDC-W.Bengal,
P.O. Danesh Seikh Lane,
Andul Road
Howrah – 711109

116. Damodar Valley Corporation,
DVC Tower,
VIP Road, Kolkata,
WB 700054

117. Energy and Power Deptt.,
Govt. of Sikkim
Kazi Road,
Gangtok 737 201

118. General Manager,
Farakka Super Thermal Power Plant-I&II,
NTPC Ltd.,
Farakka, WB 742236

119. General Manager,
Farakka Super Thermal Power Plant-III,
NTPC Ltd.,
Farakka, WB 742236

120. General Manager,
Kahalgaon Super Thermal Power Plant-I NTPC Ltd,
Bhagalpur Bihar 813214

121. General Manager,
Kahalgaon Super Thermal Power Plant-II NTPC Ltd,
Bhagalpur Bihar 813214

122. Executive Director,
Talcher Super Thermal Power Stn-I NTPC Ltd,
Nayapalli, Odisha 751012

123. Addl. General Manager,
National Thermal Power Corporation Limited,
BARH Thermal Power Station, Patna, Bihar 803213

124. GM(O&M),
Kanti Bijlee Utpadan Nigam Limited
Muzaffarpur Thermal Power Station Bihar Muzaffarpur 843130.

125. The General Manager(O&M),
Bharatiya Rail Bijlee Company Ltd.
Nabinagar,Khera Police Station Dist.-Aurangabad, Bihar-824303

126. General Manager (O&M),
Darlipali Super Thermal Power Project NTPC Ltd.
Odisha Darlipali,Sundergarh 770072.(upcoming)

127. Chairman, Damodar Valley Corporation
DVC Tower, VIP Road West Bengal Kolkata 700054
(Not an ISGS but have many generating units)

128. Chief Engineer (Elect),
Teesta V HEP,
NHPC,
Singtam, East Sikkim 737134

129. Chief Engineer,
Rangit Hydro Electric Project NHPC,
P.O. Rangit Nagar
South Sikkim 737111

130. CEO,
Maithon Power Limited
MA-5 Gogna Colony,
P.O: Maithon, Dhanbad,
Jharkhand 828027

131. DGM (Electrical), Adhunik Power & Natural Resource Limited
Village: Padampur, PS: Kandra Tata-Seraikela Road,
Jharkhand 832105

132. GM (Power Sales & Regulatory),
GMR Kamalanga Energy Ltd,
Plot No.-29, Satyanagar,
Bhubaneswar, Odissa-751007

133. Head Power & Sales,
Jindal India Thermal Power Ltd.,
Plot No.12,Local Shopping Complex,
Sector-B1,Vasant Kunj, New Delhi- 110070

134. Advisor(Power),
Ind-Barath Energy Utkal Ltd ,
Sahajbahal, PO CgarpaliBarpali,
Dist - Jharsuguda, Odisha , Pin – 768211

135. GM(C & RA),
Odisha Power Generation Corporation Ltd.,
Zone-A, 7th Floor, Fortuna Towers,
Chandrashekharpur, Odisha Bhubanneswar 751023. (Upcoming)

136. Sr.Vice President(O&M),
Teesta Urja Ltd.(Teesta -III HEP)
Vijaya Building, 2nd Floor, 17 Barakhamba Road
New Delhi New Delhi 110001

137. Asst. General Manager ,
DANS ENERGY PVT. LTD.
5th Floor, DLF Building No. 8,
Tower C, DLF Cyber City, Phase – II,
Gurgaon- 122002, Haryana

138. Chairman,
GATI Infrastructure Ltd,
268, UdyogVihar,
Phase-IV, Gurgaon,
Haryana 122001

139. President –Technical,
Shiga Energy Private Ltd.
5th Floor, DLF Building No.8,
Tower C, Phase-II, Haryana Gurgaon 122002

140. VP (Commercial),
Sneha Kinetic Power Project Private Ltd
1366, Road no. 45, Jubilee Hills
Telangana Hyderabad 500033

Southern Region

141. Andhra Pradesh State Load Dispatch Centre,
Room No. 611, 6th Floor, A Block APTRANSCO,
Vidyut Soudha, Khairatabad

142. State Load Despatch Centre,
KPTCL, 28, Race course Cross Road,
Bangalore -560009

143. State Load Despatch Centre, Kalamassery,
Executive Engineer O/o Chief Engineer, (Transmission),
System Operation, Kalamassery-683503

144. System Control Centre,
Electricity Department, Puducherry,
137, Nethaji Subhash Chandra Bose Salai,
Electricity Department-605001

145. TANTRANSCO, SLDC, MLDC
Block, 144 Anna Salai, Chennai-600002

146. Telangana SLDC, Chief Engineer,
Room No 611 A Block,
SLDC of the State of Telangana (TSSLDC),
TSTRANSCO, Vidyut Soudha,
Khairtabad, Hyderabad-500082

147. General Manager,
National Thermal Power Corporation Ltd.,
SR Headquarters II & V Floors,
MCH Complex,
R.P. Road, Secunderabad-500 003,

148. General Manager,
National Thermal Power Corporation Ltd.,
SR Headquarters II & V Floors,
MCH Complex,
R.P.Road, Secunderabad-500 003,

149. General Manager,
Neyveli Lignite Corporation Ltd.,
Corporate Office, Block-01,
P.O. Neyveli, PIN: 607 801,
Cuddalore Distt., Tamil Nadu State.

150. The Deputy General Manager,
Neyveli Lignite Corporation Ltd.,
Corporate Office, Block-01,
P.O. Neyveli, PIN: 607 801,
Cuddalore Dist., Tamil Nadu State.

151. The Deputy General Manager,
Neyveli Lignite Corporation Ltd.,
Corporate Office, Block-01,
P.O.Neyveli, PIN: 607 801,
Cuddalore Dist., Tamil Nadu State.

152. The Deputy General Manager,
Neyveli Lignite Corporation Ltd.,
Corporate Office, Block-01,
P.O.Neyveli, PIN: 607 801,
Cuddalore Dist., Tamil Nadu State.

153. The Station Director,
Madras Atomic Power Station,
Nuclear Power Corpn. Of India Ltd.,
Kalpakkam – 603 102, Tamil Nadu State

154. The Deputy General Manager,
Kaiga Generating Station,
Nuclear Power Corpn. of India Ltd.,
P.O.Kaiga, Via Karwar,
Karnataka - 581400 , Karnataka State.

155. The Station Director,
Kudankulam Nuclear Power Project, Unit -1
Nuclear Power Corporation of India Ltd.,
P.O. Kudankulam, Radhapuram Taluk Tirunelveli District,
Tamil Nadu - 627 106

156. The Station Director,
Kudankulam Nuclear Power Project, Unit -2
Nuclear Power Corporation of India Ltd.,
P.O. Kudankulam, Radhapuram Taluk Tirunelveli District,
Tamil Nadu - 627 106

157. The Chief Operating Officer,
LANCO- Kondapalli Power Ltd., Stage-II
Plot No.4, Software Units Layout,
Hitech City, Madhapur,
Hyderabad-500 081. Andhra Pradesh State

158. The Chief Operating Officer,
LANCO- Kondapalli Power Ltd., Stage-III
Plot No.4, Software Units Layout,
Hitech City, Madhapur,
Hyderabad-500 081. Andhra Pradesh State

159. General Manager (O&M),
NTPC Tamilnadu Energy Company Ltd.,
Vallur Thermal Power Project,
Vellivoyalchavadi P.O.,
Ponneri Taluk, Tiruvallur Dist.,
Chennai – 600103, Tamil Nadu State.

160. Sr. Vice President,
Meenakshi Energy Pvt. Ltd.,
Meenakshi, Plot No: 119,
Road No: 10, Jubliee Hills,
Hyderabad-500 033.

161. The Chief Executive Officer,
NLC Tamil nadu Limited,
2*500, MW JV Thermal Power Project,
Harbour Estate,
Tuticorin, PIN: 628004, Tamil Nadu State.

162. Thermal Power Tech Corporation India Limited,
SPSR Nellore, 6-3-1090,
A-Block, 5th Floor, TSR Towers,
Raj Bhavan Road, Somajiguda,
Hyderabad, 5000082.

163. Sr. Vice President,
Meenakshi Energy Pvt. Ltd.,
Meenakshi, Plot No: 119,
Road No: 10, Jubliee Hills,
Hyderabad-500 033.

164. The General Manager (Projects),
Simhapuri Energy Pvt. Ltd.,
Madhucon Greenlands, 6-3-866/2,
3rd Floor, Begumpet,
Hyderabad-500016.

165. Managing Director,
Coastal Energen Pvt. Ltd,
7th Floor, Buhari Towers,
4 ,Moores Road,
Chennai, PIN: 600006, Tamil Nadu State

166. The Chief Commercial Officer (CCO)
SEMBCORP Energy India Ltd.,
6-3-1090, A-Block, 5th Floor,
T.S.R Towers, Raj Bhavan Road,
Somajiguda, Hyderabad 500082, Telangana

167. Senior General Manager,
IL & FS Tamilnadu Power Company limited,
C. Pudhupettai post,
Parangipettai (via), Chidambaram(tk.),
Cuddalore-608502, Tamil Nadu.

168. General Manager,
Sembcorp Gayatri Power Ltd.,
TP Gudur Mandal,
Nellore-524344, Andhra Pradesh.

North Eastern Region

169. State Load Despatch Centre,
Agartala, 79 Tilla, Kunjaban, Agartala,
Tripura (West)

170. Department of Power,
Government of Nagaland, SLDC Nagaland,
Electricity Colony,
Full Nagarjan Dimapur, Nagaland

171. Mizoram State Load Despatch Centre,
Tuikhuahtlang, Aizawl -796001

172. State Load Despatch Centre,
Assam, SLDC, AEGCL,
Near 132kv Grid Sub Station,
Kahilipara, Guwahati

173. General Manager,
Doyang HEP, NEEPCO,
Wokha, Nagaland

174. General Manager,
Ranganadi HEP, NEEPCO,
P.O. Ranganadi Proj. Dist. Subansiri,
Ar. Pradesh-791121

175. General Manager,
AGBPP, NEEPCO,
Kathalguri, Tinsukia, Assam

176. General Manager,
AGTPP, NEEPCO,
Ramchandranagar, Agartala, Tripura

177. General Manager,
KHANDONG HEP, NEEPCO,
Umrangsoo, N.C.Hills, Assam

178. General Manager,
KOPILI HEP, NEEPCO,
Umrangsoo, N.C.Hills, Assam

179. General Manager,
KOPILI-2 HEP, NEEPCO,
Umrangsoo, N.C.Hills, Assam

180. Chief Engineer,
NHPC
Loktak HEP Leimatak-795124,Manipur

181. Ranganadi HEP (NEEPCO)
Ranganadi HEP, NEEPCO Ltd.,
Yazali, Dist. Lower Subansiri,
Andhra Pradesh-791119

182. Managing Director,
ONGC Tripura Power Company Ltd,
6th Floor, A Wing, IFCI Tower-61,
Nehru Place, New Delhi, 110019

183. General Manager,
Bongaigaon TPP, NTPC Ltd.,
P.O.-Salakati, Kokrajhar Dist.
Assam-783369

184. Kameng HEP (NEEPCO),
EMG, Kameng HEP, NEEPCO, Kimi,
P.O.- Bhalukpong, Post Box-2, West Kameng
Dist., Arunachal Pradesh, PIN – 790114

185. Pare HEP (NEEPCO),
Pare HEP, NEEPCO Ltd, Sopo,
P.O- Doimukh, Dist- Papumpare,
Arunachal Pradesh, PIN – 791112

186. State Load Despatch Centre,
Agartala, 79 tilla, Kunjaban,
Agartala, Tripura (West)

187. Department of Power,
Government of Nagalnd,
SLDC Nagaland, Electricity Colony,
Full Nagarjan Dimapur, Nagaland.

188. Mizoram State Load Despatch Centre,
Tuikhuahtlang, Aizawl -796001

189. State Load Despatch Centre,
Assam, SLDC, AEGCL,
Near 132kv Grid Sub Station,
Kahilipara, Guwahati

…Respondents

190. Member Secretary,
Northern Regional Power Committee
18-A, Shaheed Jeet Singh Sasanwal Marg,
Katwaria Sarai,
New Delhi-110 016

191. Member Secretary,
Southern Regional Power Committee
29, Race Course Cross Road,
Bangalore-560 009.

192. Member Secretary,
Eastern Regional Power Committee
14, Golf Club Road,
Kolkata-700 033

193. Member Secretary,
Western Regional Power Committee
F-3, MIDC Area,
Andheri (East),
Mumbai-400 093

194. Member Secretary,
North Eastern Regional Power Committee
NERPC Complex,
Dong Parmaw,
Lapalang,
Shillong-6

195. Chief Engineer (Grid Management),
Central Electricity Authority Sewa Bhawan,
R.K.Puram,
New Delhi-110 022.

196. Chief Engineer
(National Power Committee),
Central Electricity Authority,
18-A, Shaheed Jeet Singh Sasanwal Marg,
Katwaria Sarai, New Delhi-110 016

…Proforma Respondents

Parties Present: Shri S.R. Narasimhan, NLDC
Shri N. Nallarasan, NLDC
Shri Phanisankar Chilakuri, NLDC

ORDER

The Petitioner, National Load Dispatch Centre (NLDC) is the system operator at the national level and has made the following prayers:

a) Direct all ISGS stations whose tariff is regulated / determined by CERC to install equipment as per the requirement mentioned in the Petition at the unit control rooms for transferring the required data for AGC by 30th June 2019.

b) Direct all ISGS stations whose tariff is regulated / determined by CERC to ensure communication from nearest wide band node to the RTU in the unit control room by 30th June 2019.

c) Direct Central Transmission Utility (CTU) to ensure communication availability

from NLDC/RLDCs to nearest wide band node/switchyard for the generating stations in a redundant and alternate path ensuring route diversity and dual communication by 30th June 2019.

d) Decide the mark up price for secondary regulation service through AGC.

e) Allow NLDC/RLDCs to test, tune and operate the AGC system for providing the signals to the power plants as and when they comply with the directions above.

f) Allow any variation in the generation during testing phase to be settled under DSM.

g) Allow NLDC/RLDCs to put all the Phase-I plants under continuous operation on AGC before 31st December 2019.

h) Direct Phase-II plants in the detailed modus operandi to provide infrastructure at RTU/internal communication.

i) Road map for implementation of AGC at RLDCs in future may be accepted.

j) Pass any other orders as this Commission may deem fit and proper under the given facts and circumstances.

SUBMISSIONS OF THE PETITIONER

2. The Petitioner has submitted that vide Order dated 13.10.2015 in petition no 11/SM/2015, the Commission gave the roadmap for 'Operationalization of Generation Reserves in the Country'. The Order mandated that each region should maintain primary, secondary and tertiary reserves. The objective of the Order was to introduce 'Spinning Reserves' in the country, which is one of the important components for ensuring grid security, quality and reliability by achieving adequacy of supply and maintaining load-generation balance. All generating stations that are regional entities were directed to 'must plan' operationalization of Automatic Generation Control (AGC) along with reliable telemetry and communication by 01.04.2017. The Commission noted that this would entail a one-time expense for the generators to install requisite software and firmware, which could be compensated for and that the communication infrastructure must be planned by the Central Transmission Utility (CTU) and developed in parallel, in a cost-effective manner.

3. The Commission directed the Petitioner to upload the detailed modus operandi on 'Operationalization of Spinning Reserves' on NLDC website and seek comments from the

stakeholders by 11.08.2017 and file the comments received from stakeholders within two weeks thereafter. Accordingly, the report was also uploaded on the NLDC website.

4. The Petitioner has submitted that the detailed implementation plan was also discussed in the National Power Committee (NPC) meeting held at Indore on 08.09.2017. An agenda on 'secondary frequency control' was sent to NPC for discussion in the respective Regional Power Committees (RPC). The Expert Group constituted (in May 2017) by the Commission to review and suggest measures for bringing power system operation closer to National Reference Frequency, recommended that the frequency control continuum as given in their report may be adopted and included as part of the Grid Code (hereinafter referred to as 'IEGC') through an amendment to Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2010. Further, it was recommended that AGC must be implemented throughout the country at the earliest in line with the Commission's recommendation of treating a region as a balancing area and that the Performance Metrics for AGC payments may be introduced once sufficient experience is gained through the pilot project (carried out at Dadri generating station of NTPC). AGC at the intra-State level, particularly for large states, was to be implemented in line with directions by the Appropriate Commission(s).

5. The Petitioner has submitted that the Commission in its order dated 06.12.2017 in Petition No. 79/RC/2017 approved the Commissioning of the AGC Pilot Project between NLDC and NTPC Dadri Stage-II and various developments in the AGC Pilot were acknowledged by the Commission. Vide the above order, the Commission also directed that similar pilot projects may be replicated by NLDC, in at least one other regional grid of the country. Dadri Stage-II was successfully taken under remote as a part of AGC pilot project from NLDC from 1225 Hrs. of 04.01.2018 and is under continuous operation. Further, data is being submitted by NLDC to NRPC in the agreed format on a weekly basis.

6. The Petitioner has submitted that Karnataka Power Transmission Corporation Limited (KPTCL) together with (United States Agency for International Development (USAID) has proposed AGC pilot project on Varahi and Sharavathi Hydro Power Plants. On 10.02.2018, SRLDC, USAID and NLDC visited NP Kunta solar park in Andhra Pradesh for understanding the feasibility of AGC implementation. USAID agreed to take the AGC implementation at NP Kunta Solar power project under 'Greening the Grid' (GtG)-RISE

project. The matter was also discussed in the 33rd meeting of SRPC held on 17.02.2018 at Puducherry. A workshop was organised by USAID and NLDC on 15.05.2018 at Andhra Pradesh SLDC, Vijayawada to explain the basic architecture of the AGC project and the proposed project at NP Kunta to stakeholders.

7. On 18.05.2018, Letter of Award was issued by NTPC Simhadri to M/S Siemens for the supply, testing and commissioning of software and hardware and implementation of the AGC pilot project at NTPC-Simhadri. AGC on Barh (Eastern Region), Bongaigaon (North Eastern Region) and Mauda (Western Region) are power plants of NTPC under contracting phase of implementation.

8. The Petitioner has submitted that it has started up-gradation of SCADA from October 2017. AGC set up is envisaged to be capable of sending and receiving AGC signals to all Regional Entity generating stations to start with for the first time in India. The RLDCs' SCADA/EMS system was recently upgraded before AGC was notified through the Commission's Order. Hence, considering a region as a balancing area, AGC is being implemented through NLDC, which is a unique experiment as five (5) AGCs are being operated from a single control center at NLDC. Further, as a next step, discussion could start on the roadmap to progressively shift AGC control to RLDCs over the next 3-5 years. At the intra-regional level, discussion at RPC level is on for introducing AGC at least in the few intra-State generators in RE-rich States.

9. The Petitioner has submitted that the CERC (Communication System for inter-State transmission of electricity) Regulations, 2017 has provided detailed roles and responsibilities of various organizations with respect to communication. NLDC was given the responsibility for preparation and issuance of guidelines with the approval of the Commission on the interfacing requirements in respect of terminal equipment, RTUs, SCADA, PMUs, Automatic Generation Control (AGC), Automatic Meter Reading (AMR), Advanced Metering Infrastructure (AMI), etc. and for data communication to the respective control centres. The Generic Technical Specifications for AGC connecting equipment that has to be procured by the power plants were prepared by the Petitioner based on the experience of the AGC pilot project (at Dadri) for full scale implementation of AGC. Generating stations have to install AGC connecting equipment at the unit control rooms for transferring the required set of data for AGC.

10. The Petitioner has submitted that Regional Secondary Reserves quantum, mandated by the Commission are given as below:

Secondary Reserves quantum needed in MW (Region wise)	
NR	800
ER	660
WR	800
SR	1000
NER	363
Total	3623

11. The Petitioner has suggested that the detailed implementation plan pan-India for AGC implementation is proposed in the following manner:

Phase-I

(a) Inter-State Generating Stations (ISGS) generators, whose tariff is regulated/ adopted by the Commission, are proposed to be made capable of participating in 'Secondary Control' since the tariff for these generators is already available and there are fewer communication issues. This is also because in case of these generating stations, Ancillary Services/ AGC Pilot Project Framework is available for settlement (without the refund of fixed charges as mentioned in the Half Yearly Feedback on Ancillary Services and CERC Order on AGC Pilot Project) and, therefore, its implementation is expected to be dispute free. However, limiting AGC implementation to only these generating stations may not be sufficient to ensure availability of the full quantum of reserves as mandated by the Commission.

Phase-II

(b) All Regional Entity generating stations scheduled by RLDCs (over and above the Phase-I power stations mentioned above) can be made capable of participating in secondary control. However, Declared Capability (DC) at present is not taken from these generating stations by RLDCs. Some Independent Power Producers (IPP) have part Power Purchase Agreements with discoms/ traders while part capacity is untied, and power is sold under merchant contracts. Tariff for these generators has to be

decided and agreed upon *a priori* for secondary control participation of these generators. DC and Schedule have to be obtained from these generators similar to Central Sector generating stations for reserve estimation. Many of these regional entity generating stations operate in the day-ahead energy market and the day-ahead prices may have a significant role in respect of these generating stations as far as availability to the grid at any instant is concerned. Low prices in the Day-Ahead Market (DAM) on a sustained basis may lead to many of these units remaining off the grid. The following, inter-alia, may be the requirements for the Regional entity generating stations equipped under Secondary Control:

- The generating stations shall bear the cost of secondary control hardware at the generating station end including the cost of the fibre optic cable from the generating station control room to the nearest communication node.
- Share DC and Schedule like ISGS generators on day ahead basis and subsequent revisions with RLDCs.
- Payment for energy and incentive will be as decided by the Commission.
- The generating stations shall have working control systems for turbine, boiler and governor. Governor response plots/ graphs of past incidents have to be submitted to concerned RLDC.
- Existing wide band communication node to be established within a radius below 30-40 km from the plant to communicate with the nearest RLDC. Distance need not be a binding limitation and the connectivity of the generating station with the communication node can be seen on case to case basis based on merit.

12. The Petitioner has submitted that Primary, secondary and tertiary generation reserves are required for frequency control and ensuring reliable operation of the grid, particularly under high Renewable Energy (RE) penetration. Primary control provision has been existing in the IEGC but its enforcement has been an issue that has been highlighted before the Commission. Secondary control had been absent in the system so far while tertiary frequency control was introduced only in April 2016 through the Central Electricity Regulatory Commission (Reserves Regulation Ancillary Services) Regulations, 2016 (or for short, RRAS Regulations). Through Order dated 16th July 2018 in Petition No. 07/SM/2018, Fast Response Ancillary Services or FRAS was ordered by the Commission for central sector hydro stations and is under implementation phase.

13. The Petitioner has submitted that the following issues become important when one looks at the entire continuum of frequency control:

i. Ensuring accurate load forecasting and Renewable Energy (RE) forecasting: This is the first step towards reliability as generating units need to get committed based on the forecasts. Starting from Discom level, the forecasts need to be aggregated for the State at SLDCs level, at RLDCs for the regional level and at NLDC for the All-India level.

ii. Evaluating Area Control Error (ACE) of each control area: Bias may be taken as equal to Frequency Response Characteristics (FRC) of the State in past ten events. For ACE, high quality measurement of line flows and frequency at 10 seconds or better periodicity at LDCs is a must. Further, seamless transfer of schedule data from off-line systems to SCADA must be ensured. RLDCs are already bringing forth the non-availability of real time data in the RPC forums and this needs to be addressed promptly.

iii. Primary Response: The SLDCs must also monitor the primary response from the generating units within the State and report to the respective SERCs as directed by CERC vide its order dated 31st July 2017 in Petition No. 84/MP/2015.

iv. Measurements: For AGC, high quality measurements are needed for inter-regional tie lines and generating stations under AGC. As stated above, periodic monitoring of the data quality needs to be done at the RPC forums and chronic problems of non-availability of data are addressed promptly so that real time operation is smooth.

v. Fiber Optic Communication: Fiber optic communication from Regional Entity generating station to nearest CTU node and from there on to RLDCs/ NLDC is a must and it could be closely monitored through the RPC forums. This is required irrespective of whether we have a regulated system of secondary reserves procurement or a market based one.

vi. Participation: ACE is allocated to the generating stations under AGC based on the selected participation factor mode in the AGC software. The participation of each generating station will be calculated by the AGC software based on the weightage assigned to different attributes of the plant and the grid. Spinning reserve availability, ramp rate and variable cost of the generating station are the important attributes that are typically considered. In case of inter-/ intra-regional transmission constraints during

outages, certain plants may not be able to participate in AGC till normalization of transmission system.

14. The Petitioner has submitted that 'Spinning Reserves' viz. DC on bar minus schedules available in real time in ISGS is currently used for rescheduling/ tertiary reserves by States, tertiary frequency control through Reserves Regulation Ancillary Services and now being envisaged for secondary control through AGC. It is also available for primary control though the IEGC clearly specifies that the schedules should not exceed capacity on bar less Normative Auxiliary Consumption. This ensures that even if the power plant is fully scheduled, the overload capacity and margins in auxiliary consumption is able to provide primary response.

15. The Petitioner has submitted that after the forecast of load and RE generation, the scheduling of conventional generation resources by the States assumes importance. Here, apart from scheduling, the States also need to indicate the amount of hot spinning reserves it is holding. The reserves could be held either within the State or at the ISGS where the State has a share but it should be replenished whenever there is a contingency such as a generating unit tripping within the State. Unless such a mechanism is in place, the secondary control would not work as all the reserves would get depleted quickly. DC on bar less the schedules equals the hot spinning reserves. It was observed that hot spinning reserve gets depleted daily during the morning and evening peak hours when States requisition their full entitlement. Under this situation, the State utilities ought to have reserves elsewhere within the State.

16. The Petitioner has submitted that on 06.09.2018, the Commission has issued a discussion paper on *'Redesigning Ancillary Services Mechanism in India'* and comments were invited from stakeholders. The Petitioner is of the view that the physical infrastructure in terms of communication and suitable hardware/ software at the power plants is sine qua non for secondary control through AGC irrespective of whether the same is regulated or market-based. The only variable is the quantum of secondary reserves required on day to day basis.

PROCEEDINGS DURING HEARING

17. The Petition was admitted on 25.10.2018. During the hearing on 31.1.2019, the

Petitioner submitted that the present petition has been filed for implementation of AGC in India.

18. The Petitioner further submitted that the Commission in its Order dated 06.12.2017 in Petition No. 79/RC/2017 approved the commissioning of AGC pilot project between NLDC and NTPC Dadri Stage-II and the Commission also directed that similar pilot projects may be replicated by NLDC, in at least one other regional grid of the country. Accordingly, one plant in each region has been identified and AGC has also been commissioned in Simhadri and Mauda generating station.

19. The Petitioner requested the Commission to direct ISGS to install the equipment in power plants for accepting signals from NLDC. After hearing, the Commission directed the Petitioner to furnish the Minutes of Meeting held with RPCs wherein RPCs have given their consent to the AGC pilot project. The Commission further directed the Petitioner to submit the feedback report on the operation of AGC at NTPC Dadri Stage-II along with the summary of findings of this pilot project.

20. The Petitioner has complied with the directions and submitted the minutes of the special meetings on AGC pilot project which were held with all RPCs. The Petitioner has also submitted the feedback report before the Commission on 15th February 2019, highlighting the learning from the pilot project. Several learning including those on the implementation aspects, communication protocols, generator regulation and load following capabilities, metering, monitoring, visualisation, accounting etc. were gathered via pilot project and explained in the feedback report. The Pilot projects have also provided capacity building in the field of AGC which will be useful during implementation of secondary control on a large scale.

ANALYSIS & DECISION

21. We have heard the Learned Counsels for the Petitioner and have carefully perused the records.

22. The Commission is of the view that the most important responsibility of the Power System operators is to maintain reliability of the Power System by maintenance of Load -

Generation balance. For a large complex grid such as the Indian grid, primary, secondary and tertiary frequency controls are must-have tools to ensure reliability. With the objective of ensuring grid security, quality and reliability, the Commission vide Order dated 13.10.2015 in Petition no 11/SM/2015 had laid down a roadmap for *'Operationalization of Generation Reserves in the Country'*. It was envisaged that apart from the primary reserve at the national level, secondary reserve should be maintained by each region and tertiary reserve by each State. All the generating stations that are regional entities were directed to plan to operationalize AGC along with reliable telemetry and communication by 01.04.2017. The NLDC was directed to submit a detailed procedure to operationalize reserves in the country vide Order dated 13.10.2015.

23. The Commission notes that an 'outline procedure' was submitted by NLDC vide letter dated 15.12.2015 in which it was proposed to take up a pilot project with one of the NTPC plants in a region based on which further activities could be taken up. On 05.02.2016, NLDC was advised to submit the draft detailed procedure and implementation plan for operationalization of Reserves within three months of implementation of Ancillary Services Regulations. After various brainstorming sessions and meetings, NLDC submitted the detailed procedure on Operationalization of Spinning Reserves on 14.07.2017 and recommended that secondary control should be added as an Ancillary Service.

24. The Commission observes that the 'National Electricity Policy' also mandates that adequate reserves may be maintained to ensure secure grid operation. The Commission is of the view that collective efforts of the stakeholders in implementation of the AGC are a step forward and will go a long way in development of the secondary reserves in the country leading to stable frequency operation and grid security and reliability.

25. The Commission observes that the feedback on implementation of AGC submitted by NLDC highlights the need for enhancing adequacy of reserves in the country. It has been stated that valuable experience has been gained in terms of implementation aspects, communication protocols, generator regulation and load following capabilities, cyber security etc. which is useful during implementation of secondary control on a large scale. The Petitioner has submitted that from the interactions with national and international experts on power systems and experience with Ancillary Services till date, the general understanding was that different solutions as a package like load and Renewable Energy (RE) generation

forecast, proper portfolio management by the States, primary response from the generators, secondary control in the form of AGC, Ancillary Service products in different timeframes etc. are needed for stable frequency operation of the power system. No unique solution existed. NLDC report emphasised that a bad or no forecast of load/ RE generation and poor portfolio management by the State utilities would lead to heavy deviations from schedule and grid indiscipline exhausting all reserves in the system and making the system insecure. AGC effectiveness would have to be seen in this overall context. It was further highlighted in the feedback report that deployment of two-three plants under AGC with 200 MW-300 MW reserve might not be sufficient for a grid size like that of India. The Commission observes that the Expert Group on 'National Reference Frequency' in its report submitted to the Commission in November 2017 recommended that AGC must be implemented throughout the country at the earliest and Performance Metrics for such AGC payments may be introduced once sufficient experience is gained through the pilot project.

26. The Petitioner has suggested that implementation of AGC be undertaken in Phases. Under Phase-I, ISGS generators, whose tariff is regulated/ adopted by the Commission, are proposed to be made capable of participating in 'Secondary Control'. Dadri Stage-II NTPC in Northern Region was the first AGC pilot project of the country which was approved by the Commission vide Order in Petition No.79/RC/2017 on 06.12.2017 and is in continuous operation from 1225 Hrs. of 04.01.2018. The Commission also directed that similar pilot projects may be replicated by NLDC, in at least one other regional grid of the country. Accordingly, four more AGC pilot projects have been/are being implemented viz. Simhadri Stage-II in Southern Region, Mauda Stage-II in Western Region, Barh Stage-II in Eastern Region and Bongaigaon in North-Eastern Region.

27. The Commission observes that there is one-time expense involved for the generators to install requisite software and firmware. The Commission has been informed that the implementation cost i.e. placing of order for the equipment and integration cost of the four AGC pilot projects which have been commissioned viz. Dadri Stage-II NTPC in Northern Region Simhadri Stage-II in Southern Region, Mauda Stage-II in Western Region and Barh Stage-II in Eastern Region, is in the range of Rs. 30.00 lakhs to Rs. 50 lakhs per generating station. The Commission accepts the Petitioner's proposition that the cost of such equipment at generating stations for AGC implementation is not significant and ideally all ISGS stations should be AGC enabled. The Commission notes that majority of the thermal stations

regulated by the Commission have station capacity of 200 MW and above and the AGC support is mainly expected from these facilities apart from the hydro generating stations other than Run-of-River projects. It will therefore be prudent, also from the point of view of cost effectiveness to ensure that the thermal generating stations with installed capacity of 200 MW and above and all hydro stations with capacity exceeding 25 MW necessarily have the capability to provide AGC support. Further, the Commission is of the view that with due regard to the nature of the Run-of-River Hydro projects it may not be advisable to mandate such plants to provide AGC support, as this might lead to spillage/ under-utilization of water, which should be avoided. Accordingly, the Commission directs all thermal Inter State Generating Stations (ISGS) that are regional entities with installed capacity of 200 MW and above and all hydro stations with capacity exceeding 25 MW excluding the Run-of-River Hydro Projects irrespective of size of the generating station and whose tariff is determined or adopted by the Commission, to install the required software and firmware for implementation of AGC at the unit control rooms for transferring the required set of data for AGC. These regional entity generators may approach the Commission under relevant regulations and provisions of PPA for compensation of this one-time cost. The Commission also directs the Central Transmission Utility and the NLDC to commission the required communication system in parallel.

28. Once the aforesaid generating stations are AGC enabled, NLDC/ RLDCs shall be allowed to test, tune and operate the AGC system for providing the signals to the power plants. With this decision to make the ISGS stations AGC compliant, the Commission is of the view that any other pilot beyond the five pilots already initiated by NLDC, may not be needed.

29. As regards compensation for AGC support and deviation charges, it is clarified that the framework in this regard as stipulated in the Commission's Order in Petition no. 79/RC/2017 dated 06.12.2017 shall apply to the five pilot projects as also to other ISGS as and when they are AGC enabled. This arrangement shall remain in place till further Orders or till relevant regulations inter-alia on compensation for AGC services are framed by the Commission.

30. The Commission has noted the suggestions of the Petitioner for covering under Phase-II, other regional entity generators (other than those whose tariff is determined or adopted by

the Commission). The Commission is of the view that decision on this issue cannot be taken in the present petition. It needs wider consideration.

31. The Commission observes that NLDC in its report on implementation of RRAS, has recommended moving towards market-based procurement of ancillary service for a more robust design. The relevant excerpt is reproduced below:

> *"Once the scope of present implementation of ancillary services is enlarged from the regulated generation stations at inter-state level to include state-level generators also, a critical mass would be achieved. Moreover as more and more generators start participating in regulation services, closer monitoring of the performance of generating stations would also be needed. The implementation would also be more robust by design and subsequently, based on the experience gained, market based procurement of ancillary services could also be thought of."*

32. The Commission is of the view that the experience gained under RRAS underlines the need for a calibrated approach to transform the extant administered Ancillary Services mechanism to a market-based mechanism with the objective of increasing the ambit of potential providers of such services at efficient costs and enhanced reliability of the grid. The Staff Paper on *'Redesigning Ancillary Services Mechanism in India'* issued by staff of the Commission on 06.09.2018 has highlighted that the physical infrastructure in terms of communication and suitable hardware/ software at the power plants is sine qua non for secondary control through AGC irrespective of the fact whether the same is regulated or market-based. The only variable is the quantum of secondary reserves required on day to day basis.

33. The Commission observes that given the changes in technology, generation mix and increasing decentralized generation, and locational ancillary requirements, long term bilateral contracts for ancillary support should be avoided. Same resource can provide multiple flexibility services. For example, a generator that can provide fast tertiary response can also provide slow tertiary response. An arrangement which bundles multiple flexibility services has some advantages – by allowing such generators to utilize their capabilities to serve various system requirements thereby reducing the cost of providing individual services. Accordingly, the Commission directs the staff of the Commission to initiate a comprehensive review of Ancillary services framework based on these principles, and present to the Commission for suitable decision.

SUMMARY

34. In the interest of reliable and safe grid operation, the Commission directs that all the ISGS stations whose tariff is determined or adopted by CERC shall be AGC-enabled and the ancillary services including secondary control through AGC be implemented as per the following direction:

i. *All thermal ISGS stations with installed capacity of 200 MW and above and all hydro stations having capacity exceeding 25 MW excluding the Run-of-River Hydro Projects irrespective of size of the generating station and whose tariff is determined or adopted by CERC are directed to install equipment at the unit control rooms for transferring the required data for AGC as per the requirement to be notified by NLDC. NLDC shall notify the said requirements within one month of this order.*
ii. *All such ISGS stations whose tariff is determined or adopted by CERC shall have communication from the nearest wide band node to the RTU in the unit control room.*
iii. *The Central Transmission Utility (CTU) is directed to have communication availability from NLDC/ RLDCs to the nearest wide band node/ switchyard for the generating stations in a redundant and alternate path ensuring route diversity and dual communication.*
iv. *The NLDC is also directed to commission the required communication infrastructure.*
v. *The expenditure as a result of compliance of the above directions may be claimed as per relevant regulations or provisions of the PPA.*
vi. *The NLDC is directed to monitor implementation of the above directions so that all the ISGS stations whose tariff is determined or adopted by CERC are AGC-enabled within six months of this order.*
vii. *The framework regarding compensation for AGC support and deviation charges as stipulated in the Commission's Order in Petition no. 79/RC/2017 dated 06.12.2017 shall apply to the five pilot projects as also to other ISGS as and when they are AGC enabled. This arrangement shall remain in place till the relevant regulations interalia on compensation for AGC services are framed by the Commission.*
viii. *NLDC/RLDCs are allowed to operate the AGC system for enabling the signals to the power plants at the earliest.*

ix. *All new thermal ISGS stations with installed capacity of 200 MW and above and hydro stations having capacity exceeding 25 MW excluding the Run-of-River Hydro Projects irrespective of size of the generating station and whose tariff is determined or adopted by CERC shall mandatorily have the capability to provide AGC support.*

35. With the above directions, Petition No. 319/RC/2018 stands disposed of.

Sd/-	**Sd/-**	**Sd/-**
आई. एस. झा	**डॉ एम. के. अय्यर**	**पी. के. पुजारी**
सदस्य	**सदस्य**	**अध्यक्ष**

Annexure-A16

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
सूचना प्रौद्योगिकी एवं साइबर सुरक्षा प्रभाग
Information Technology & Cyber Security Division
****

विषय : CEA (Cyber Security in Power Sector) Guidelines, 2021.

CEA is mandated to prepare 'Guidelines on Cyber Security' in Power Sector under the provision of regulation (10) of the Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019. Guidelines on Cyber Security in Power Sector incorporating the cardinal principles has been prepared by CEA. In compliance to the provision of the above regulation, **CEA (Cyber Security in Power Sector) Guidelines, 2021** are issued for compliance by all entities listed in the clause 2.3 (Applicability of the Guidelines) of the guidelines.

Encl: Guidelines on Cyber Security

07/10/21
(V.K Mishra)
Secretary CEA

CEA (Cyber Security in Power Sector) Guidelines, 2021

1.0 **Background**

1.1 Cyber intrusion attempts and Cyber-attacks in any critical sector are carried out with a malicious intent. In Power Sector it's either to compromise the Power Supply System or to render the grid operation in-secure. Any such compromise, may result in mal-operations of equipments, equipment damages or even in a cascading grid brownout/blackout. The much hyped air gap myth between IT and OT Systems now stands shattered. The artificial air gap created by deploying firewalls between any IT and OT System can be jumped by any insider or an outsider through social engineering. Cyber-attacks are staged through tactics & techniques of Initial Access, Execution, Persistence, Privilege Escalation, Defence Evasion, Command and Control, Exfiltration. After gaining the entry inside the system through privilege escalation, the control of IT network and operations of OT systems can be taken over even remotely by any cyber adversary. The gain of sensitive operational data through such intrusions may help the Nation/State sponsored or non-sponsored adversaries and cyber attackers to design more sinister and advanced cyber-attacks.

1.2 Government of India has set up the Indian Computer Emergency Response Team (CERT-In) for Early Warning and Response to cyber security incidents and to have collaboration at National and International level for information sharing on mitigation of cyber threats. CERT-In regularly issues advisories on safeguarding computer systems and publishes Security Guidelines which are widely circulated for compliances. All Central Government Ministries/ Departments and State/Union Territory Governments have been advised to conduct cyber security audit of their entire Cyber Infrastructure including websites at regular interval through CERT-In empanelled Auditors so as to identify gaps and appropriate corrective actions to be taken in cyber security practices. CERT-In extends supports to enable Responsible Entity in conducting cyber security mock drills and in assessment of their preparation to withstand cyber-attacks. The Responsible Entity must submit Reports of Cyber Audit of cyber security controls, architecture, vulnerability management, network security and periodic cyber security drills to sectoral CERT as well as CERT-In. Team of experts shall review these reports and shortcomings if any in the compliances shall be flagged by them. CERT-In on regular basis also conducts workshops and training programs to enhance Cyber awareness of all Stakeholders.

1.3 Ministry of Power has created 6(six) sectoral CERTs namely Thermal, Hydro, Transmission, Grid Operation, RE and Distribution for ensuring cyber security in Indian Power Sector. Each Sectoral CERT has prepared their sub-sector specific model Cyber Crisis Management Plan(C-CMP) for countering cyber-attacks and cyber terrorism. Each Sectoral CERT has circulated their model C-CMPs for preparation and implementation of organization specific C-CMP by each of their Constituent Utility.

1.4 All Responsible Entities, Service Providers, Equipment Suppliers/Vendors and Consultants engaged in Power Sector are equally responsible for ensuring cyber security of the Indian Power Supply System. They are to act timely upon each threat intelligence,

advisories and other inputs received from authenticated sources, for continuous improvement in their cyber security posture.

1.5 In the current Indian scenario though many cyber security directives and guidelines exists, but none of them are power sector specific. Ministry of Power has directed CEA to prepare Regulation on Cyber Security in Power Sector. And as an interim measures CEA has been directed to issue Guideline on Cyber Security in Power Sector, under the provision of Regulation 10 on Cyber Security in the "Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019".

1.6 The Guidelines on Cyber Security, in the form of Articles written below, requires mandatory Compliance by all Responsible Entities. The Guidelines shall come into effect from the date of issue by Central Electricity Authority, New Delhi.

2.0 Hereby the Guidelines on Cyber Security are drawn in the form of Articles for compliance by the Requester as well as User under the following provision of Regulation 10 on Cyber Security, in the "Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019".

"The requester and the user shall comply with cyber security guidelines issued by the Central Government, from time to time, and the technical standards for communication system in Power Sector laid down by the Authority."

2.1 **Objective of issuing Guideline**:

a) Creating cyber security awareness
b) Creating a secure cyber ecosystem,
c) Creating a cyber-assurance framework,
d) Strengthening the regulatory framework,
e) Creating mechanisms for security threat early warning, vulnerability management and response to security threats,
f) Securing remote operations and services,
g) Protection and resilience of critical information infrastructure,
h) Reducing cyber supply chain risks,
i) Encouraging use of open standards,
j) Promotion of research and development in cyber security,
k) Human resource development in the domain of Cyber Security,
l) Developing effective public private partnerships,
m) Information sharing and cooperation
n) Operationalization of the National Cyber Security Policy

2.2 Within the text of these Articles, '**Responsible Entity'** shall mean all:

a) Transmission Utilities as well as Transmission Licensees,
b) Load despatch centres (State, Regional and National),
c) Generation utilities (Hydro, Thermal, Nuclear, RE),
d) Distribution Utilities
e) Generation Aggregators,
f) Trading Exchanges,
g) Regional Power Committees, and
h) Regulatory Commissions.

2.3 **Applicability:**

All Responsible Entities as well as System Integrators, Equipment Manufacturers, Suppliers/Vendors, Service Providers, IT Hardware and Software OEMs engaged in the Indian Power Supply System.

2.4 **Scope:**

2.4.1 **Control Systems for System Operation and Operation Management.**

a) Grid Control and Management Systems,
b) Power Plant Control Systems,
c) Central Systems used to monitor and control of distributed generation and loads e.g. virtual power plants, storage management, central control rooms for hydroelectric plants, photovoltaic/wind power installations,
d) Systems for fault management and work force management,
e) Metering and measurement management systems,
f) Data archiving systems,
g) Parameterisation, configuration and programming systems,
h) Supporting systems required for operation of the above mentioned systems,

2.4.2 **Communication System.**

a) Routers switches and firewalls,
b) Communication technology-related network components,
c) Wireless digital systems.
d) Control Centre to Control Centre Communications for data exchange on ICCP. **(IEC 61850/60850-5/TASE.2/)**

2.4.3 **Secondary, Automation and Tele control technologies**

a) Control and Automation components,
b) Control and field devices,
c) Tele control devices,
d) Programmable logic controllers / Remote Terminal Units, including digital sensor and actuators elements,
e) Protection devices,
f) Safety components,
g) Digital measurement and metering installations,
h) Synchronisation devices,
i) Excitation Systems,

3.0 Definition of Terms:

1. **Access Management**: shall mean set of policies and procedures of the Responsible Entity for allowing Personnel, devices and IoT to securely perform a broad range of operational, maintenance, and asset management tasks either on site or remotely as laid down in Clause 5.2.5 of IS 16335.
2. **Accreditation:** shall mean the process of verifying that an organisation is capable of conducting the tests and assessments against a product/process that are required to be certified.

3. **Accreditation Body:** shall mean an organisation that has been accredited to verify the credentials and capabilities of the organisations that wish to become a certification body.
4. **Act:** shall mean the Information Technology Act, 2000 (21 of 2000)
5. **Asset**: shall mean anything that has value to the organization.
6. **Certification:** shall mean the process of verifying that a product has been manufactured in conformance with a set of predefined standards and/or regulations by an organisation, that is accredited to conduct the certification process
7. **Certification Body:** shall mean an organisation that has been accredited by an accreditation body to certify products / process against a certification scheme.
8. **Certification Scheme:** shall mean the processes, paperwork, tools, and documentation that define how a product or manufacturer is certified
9. **Chief Information Security Officer:** shall means the designated employee of Senior management level directly reporting to Managing Director/Chief Executive Officer/Secretary of the Responsible Entity, having knowledge of Information Security and related issues, responsible for cyber security efforts and initiatives including planning, developing, maintaining, reviewing and implementation of Information Security Policies
10. **Critical Assets:** shall mean the facilities, systems and equipment which, if destroyed, degraded or otherwise declared unavailable, would affect the reliability or operability of the Power Supply System.
11. **Critical System:** shall mean cyber assets essential to the reliable operation of critical asset. Critical System consists of those cyber assets that have at least one of the following characteristics:
    a) The cyber asset uses a routable protocol to communicate outside the electronic security perimeter.
    b) The cyber asset uses a routable protocol within a control centre.
    c) The cyber asset is dial-up accessible.
12. **Critical Information Infrastructure*:*** shall mean Critical Information Infrastructure as defined in explanation of sub-section (1) of Section 70 of the Act.
13. **Cyber Assets**: shall mean the programmable electronic devices, including the hardware, software and data in those devices that are connected over a network, such as LAN, WAN and HAN.
14. **Cyber Crisis Management Plan:** shall mean a framework for dealing with cyber related incidents for a coordinated, multi-disciplinary and broad-based approach for rapid identification, information exchange, swift response and remedial actions to mitigate and recover from malicious cyber related incidents impacting critical processes.
15. **Cyber Security Breach**: shall mean any cyber incident or cyber security violation that results in unauthorized or illegitimate access or use by a person as well as an entity, of data, applications, services, networks and/or devices through bypass of the underlying cyber security protocols, policies and mechanisms resulting in the compromise of the confidentiality, integrity or availability of data/information maintained in a computer resource or cyber asset.
16. **Cyber Security Incident:** shall mean any real or suspected adverse cyber security event that violates, explicitly or implicitly, cyber security policy of Responsible Entity resulting in unauthorized access, denial of service or disruption, unauthorized use of computer resource for processing or storage of information or changes to data or information

without authorization, leading to harm to the power grid or its critical sub-sectoral elements Generation, Transmission and Distribution.

17. **Cyber Security Policy:** shall mean documented set of business rules and processes for protecting information, computer resources, networks, devices, Industrial Control Systems and other OT resources.
18. **Electronic Security Perimeter:** shall mean the logical border surrounding a network to which the Cyber Systems of Power Supply System are connected using a routable protocol.
19. **Information Security Division:** shall mean a division accountable for cyber security and protection of the Critical System of the Responsible Entity.
20. **Protected System:** shall mean any computer, computer system or computer network of the Responsible Entity notified under section 70 of the Act, in the official gazette by appropriate Government.
21. **Security Architecture:** shall mean a framework and guidance to implement and operate a system using the appropriate security controls with the goal to maintain the system's quality attributes like confidentiality, integrity, availability, accountability and assurance.
22. **Vulnerability:** shall mean intrinsic properties of something resulting in susceptibility to a risk source that can lead to an event with a consequence
23. **Vulnerability Assessment:** shall mean a process of identifying and quantifying vulnerabilities

4.0 Standards

Reference	Description
ISO/IEC 15408	Common Criteria Certification Standard
ISO/IEC 17011	General requirements for accreditation bodies accrediting conformity assessment bodies
ISO/IEC 17025	General requirements for the competence of testing and calibration laboratories
ISO/IEC 21827	Systems Security Engineering - Capability Maturity Model (SSE-CMM)
ISO/IEC 24748-1	Systems and software engineering — Life cycle management — Part 1: Guidelines for life cycle management.
ISO 27001/2	Information Security Management
ISO/ IEC 27019	Information technology — Security techniques — Information Security controls for the energy utility industry
ISO/IEC 61508	Functional Safety of Electrical / Electronic / Programmable Electronic Safety-related Systems
IEC 61850	Communication networks and systems for power utility automation
IEC 62351	Standards for Securing Power System Communications
IEC 62443	Cyber Security for Industrial Control Systems
IS 16335	Power Control Systems – Security Requirements.

5.0 Abbreviations

Abbreviations		Description
a)	BES	Bulk Electric System

b)	CDAC	Centre for Development of Advanced Computing
c)	CEA	Central Electricity Authority
d)	CERC	Central Electricity Regulatory Commission
e)	CERT	Computer Emergency Response Team
f)	CERT-In	Indian Computer Emergency Response Team
g)	CII	Critical Information Infrastructure
h)	CISO	Chief Information Security Officer
i)	CSK	Cyber Swachhta Kendra
j)	COTS	Commercial off-the Shelf
k)	ESP	Electronic Security perimeter
l)	ICS	Industrial Control Systems
m)	ICT	Information and Communications Technology
n)	IEC	International Electro Technical Commission
o)	ISAC	Information Sharing and Analysis Centre
p)	ISD	Information Security Division
q)	ISO	International Organization for Standardization
r)	ISMS	Information Security Management System
s)	IT	Information Technology
t)	FAT	Factory Acceptance Test
u)	NABL	National Accreditation Board for Testing and Calibration Laboratories
v)	NCIIPC	National Critical Information Infrastructure Protection Centre
w)	NLDC	National Load Dispatch Centre
x)	NPTI	National Power Training Institute
y)	NSCS	National Security Council Secretariat
z)	OEM	Original Equipment Manufacturer
aa)	OT	Operational Technology
bb)	RLDC	Regional Load Dispatch Centres
cc)	SAT	Site Acceptance Test
dd)	SERC	State Electricity Regulatory Commission
ee)	SCADA	Supervisory Control and Data Acquisition Systems
ff)	SIEM	Security Information and Event Management
gg)	SLA	Service Level Agreement
hh)	SLDC	State Load Dispatch Centre
ii)	QCI	Quality Council of India

CEA (Cyber Security in Power Sector) Guidelines, 2021

Article 1. Cyber Security Policy.

a. Cardinal Principles: The Responsible entity will strictly adhere to following cardinal principles while framing cyber security policy:

i. There is hard isolation of their OT Systems from any internet facing IT system.
ii. May keep only one of their IT systems with internet facing at any of their site/location if required which is isolated from all OT zones and kept in a separate room under the security and control of CISO.
iii. Downloading/Uploading of any data/information from their internet facing IT system is done only through an identifiable whitelisted device followed by scanning of both for any vulnerability/malware as per the SOP laid down and for all such activities digital logs are maintained and retained under the custody of CISO for at least 6 months. The log shall be readily to carry out the forensic analysis if asked by investigation agency.
iv. List of whitelisted IP addresses for each firewall is maintained by CISO and each firewall is configured for allowing communication with the whitelisted IP addresses only.
v. Communication between OT equipment/systems is done through the secure channel preferably of POWERTEL through the fibre optic cable. Security configuration of the communication channel is also to be ensured.
vi. All ICT based equipment/system deployed in infrastructure/system mandatorily CII are sourced from the list of the "Trusted Sources" as and when drawn by MoP/CEA.

b. The Responsible Entity shall be ISO/IEC 27001 certified (including sector specific controls as per ISO/IEC 27019).
c. The Responsible Entity shall have a Cyber Security Policy drawn upon the guidelines issued by NCIIPC.
d. The Responsible Entity shall ensure annual review of their Cyber Security Policy by subject matter expert and changes shall be made therein only after obtaining the due approval from Board of Directors.
e. The process of Access Management for all Cyber Assets owned or under control of the Responsible Entity shall be detailed in the Cyber Security Policy.
f. The Cyber Security Policy shall leverage state-of-art cyber security technologies and relevant processes at multiple layers to mitigate the cyber security risks.
g. The Responsible Entity shall be solely responsible to get Cyber Security Policy implemented through its Information Security Division (ISD).
h. The CISO shall record the reason(s) for exemption required, if any, in case, unable to comply with any of the provision(s) of the Cyber Security Policy. Any exception shall be allowed only after an approval of provisions of compensatory control(s) to mitigate residual cyber security risks.

i. The CISO shall record the exemptions sought in statement of applicability controls, while getting the ISO 27001 certified. All exemptions and its justification need to be in conformance with Cyber Security Policy of the Responsible Entity.
j. The Responsible Entity shall allocate sufficient Annual budget for enhancing cyber security posture, enhanced year over year.
k. The Responsible Entity shall work in collaboration with other Industry Stakeholders as well as Academia to promote R&D activity in the domain of cyber security.
l. The Responsible Entity shall ensure that cyber security issues are taken up as agenda items in their Board meetings once in every three months.

Article 2 Appointment of CISO.

a) The Responsible Entity shall mandatorily appoint a CISO and shall confirm to qualification, if any, **laid** by Quality Council of India (QCI). In absence, the work of CISO shall be looked upon by Alternate CISO. In case qualification for appointment of Alternate CISO has been relaxed for reasons recorded thereof, Alternate CISO has to mandatorily acquire the minimum required cyber security skill sets within six months from the date of his appointment.
b) The Responsible Entity shall regularly update details of CISO and Alternate CISO, with the Sectoral CERT, as well as on ISAC-Power Portal.
c) Roles and Responsibility of CISOs shall be as laid by CERT-In and ring-fenced to ensure cyber security of the Cyber Assets of the Responsible Entity.

Article 3: Identification of Critical Information Infrastructure (CII).

a) The Responsible Entity shall submit to NCIIPC through Sectoral CERT, details of Cyber Assets which uses a routable protocol to communicate outside the Electronic Security Perimeter drawn by the Responsible Entity or a routable protocol within a control centre and dial-up accessible Cyber Assets, within 30 days from the date of their commissioning in the System.
b) The Responsible Entity shall submit details of Critical Business Processes and underlying information infrastructure along with mapped impact and Risk Profile to NCIIPC and shall get their CIIs identified in consultation with NCIIPC. The process of the notification/declaration by Appropriate Government shall follow thereafter.
c) The Responsible Entity shall review their declared/notified CIIs at least once a year to examine changes if any in the functional dependencies, protocols and technologies or upon any change in security architecture. The Responsible Entity shall review their declared/notified CIIs once in every 6 months, in case if NCIIPC has directed them to constitute an Information Security Steering Committee.
d) The Responsible Entity shall ensure that all cyber assets of their identified/notified CIIs are recorded in the asset register and considered for risk assessment as well as for finalization of controls in statement of applicability.

Article 4. Electronic Security Perimeter

a) The Responsible Entity shall identify and document the Electronic Security Perimeter(s) and all Access Points to the perimeter(s).

b) The Responsible Entity shall follow procedure of identifying "Electronic Security Perimeter" in case of distributed and/or hybrid information infrastructure, as per IEC 62443 / IS16335 (as amended from time to time).
c) The Responsible Entity shall ensure that every Critical System resides within an Electronic Security Perimeter.
d) The Responsible Entity shall perform a cyber-Vulnerability Assessment of each electronic Access Points to the Electronic Security Perimeter(s) at least once in every 6 (six) months and/or after any change in Security Architecture.
e) The Responsible Entity shall ensure that all critical, high and medium vulnerabilities identified as a result of cyber Vulnerability Assessment shall be closed and verified for the effective closure.

Article 5. Cyber Security Requirements

a) The Responsible Entity shall have an Information Security Division (ISD), headed by CISO.
b) The Responsible Entity shall ensure that the ISD must be functional on 24x7x365 basis and is manned by sufficient numbers of Engineers having valid certificate of successful completion of course on cyber security of Power Sector from the Training Institutes designated by CEA.
c) The Responsible Entity shall ensure that ISD
   1) has on-boarded Cyber Swachhta Kendra(CSK) of CERT-In, if they have public IPs.
   2) has timely acted upon the advisories, guidelines and directive of NCIIPC, CSK, CERT-In and Sectoral CERTs,
   3) has deployed an Intrusion Detection System and Intrusion Prevention System capable of identifying behavioural anomaly in both IT as well as OT Systems.
   4) shares reports on incident response and targeted malware samples with CERT-In,
   5) updates the firmware/software with the digitally signed OEM validated patches only.
   6) enables only those ports and services that are required for normal operations. In case of any emergency the procedure as laid in Access management be followed.
   7) maintains firewall logs for the last 6 months duration. Firewall logs shall be analysed and all critical and high severity comments shall be addressed for effective closure.
   8) retains document of FAT, SAT test results and report/ certificate of cyber tests carried out for compliance of Government Orders and Cyber Security Audit.*
   9) maintains all cyber logs and cyber forensic records of any incident for at least** 90 days.

      * FAT, SAT must include comprehensive cyber security tests of the component/equipment/system to be delivered/delivered at site.
      ** 90 days from date of the commissioning of the system/recovery from any incident, whichever is later.

d) The Responsible Entity shall routinely audit and test security properties of the Critical System and must act upon, in case if any new vulnerabilities is identified through testing or by the equipment manufacturer.

e) The Responsible Entity shall design a secure architecture for control system appropriate for their process control environment*.
f) All State Load Dispatch Centres(SLDCs) shall comply with the directions issued by the National Load Dispatch Centre(NLDC) as well as Regional Load Dispatch Centres(RLDCs) U/s 29 (1) of the Electricity Act, 2003 to ensure stability and cyber security of grid operation and achieve efficiency in the grid operation. In case of any non-compliance, the Head of SLDC shall be responsible and shall be liable for Penalty as per the provision of CERC/SERC.

*There are so many different types of systems in existence and so many possible solutions, it is important that the selection process ensures that the level of protection is commensurate with the business risk and the Responsible Entity shall not rely on one single security measure for its defence. *(Reference IEC/TR62351-10* Edition1.0 2012-10 *Power systems management and associated information exchange –Data and communications security – Part 10: Security architecture guidelines).*

Article 6 Cyber Risk Assessment and Mitigation Plan

a) The Responsible Entity shall document in their Cyber Security Policy a Cyber Risk Assessment and Mitigation Plans drawn upon the best practises being followed in the Power Sector, and the same shall be approved by Board of Directors.
b) The Cyber Risk Assessment and Mitigation Plans shall clearly define the matrix for assessing the cyber risk of both IT and OT environment and risk acceptance criteria.
c) The Cyber Risk Assessment Plan shall be capable to demonstrate that repeated cyber security risk assessment delivers consistent, valid and comparable results.
d) The review of cyber risk assessment shall be carried out at least once in a Quarter. The actionable of risk treatment and mitigation shall be tracked in this review for their effectiveness.
e) The CISO shall be responsible for implementation and regular review, on the basis of internal and external feedbacks, of the Cyber Risk Assessment and Mitigation Plans.

Article 7 Phasing out of Legacy System

a) As the life cycle of the Power System Equipment/System is longer than that of IT Systems deployed therein, the Responsible Entity shall ensure that all IT technologies in the Power System Equipment/System should have the ability to be upgraded.
b) The Responsible Entity shall ensure that the Information Security Division shall draw the list of all communicable equipments/systems nearing end life or are left without support from OEM. Thereafter CISO shall identify equipment/systems to be phased out from the list drawn, firm up their replacement plan and put up the replacement plan for approval before the Board of Directors.
c) The CISO shall ensure that till equipments/systems nearing end life or left without support from OEM are not replaced, their cyber security is hardened and ensured through additional controls provisioned in consultation with the OEM or alternate Supplier(s)*.
*e.g. Use of CDAC developed AppSamvid and whitelisting of applications installed may be explored across all legacy systems.
d) The Responsible Entity shall document in their Cyber Security Policy a Standard Operating Procedure for safe and secure disposal of outlived or legacy devices.

Article 8. Cyber Security Training.

a) The Responsible Entity shall establish, document, implement, and maintain an annual cyber security training program for personnel having authorized cyber or authorized physical access (unescorted or escorted) to their Critical Systems.
b) The Responsible Entity shall review annually their cyber security training program and shall update it whenever necessary. Annual Review shall record evaluation of the effectiveness of the trainings held.
c) The Responsible Entity shall ensure that Cyber Security training program designed for their IT as well as OT O&M Personnel must include following topics and as per their functional requirements and security concerns additional topics shall be added:
   1) User authentication and authorization.
   2) Cyber Security and Protection mechanisms of IT/OT/ICS Systems.
   3) Introduction to various standards i.e. ISO/IEC:15408, ISO/IEC:24748-1, ISO: 27001, ISO: 27002, ISO 27019, IS 16335, IEC/ISO:62443.
   4) Training on implementation of ISO/IEC 27001 and awareness on IEC 62443.
   5) Vulnerability Assessment in the Critical System.
   6) Monitoring and preserving of electronic logs of access of Critical Assets.
   7) Detecting cyber-attacks on SCADA and ICS systems
   8) The handling of Critical System during cyber crisis.
   9) Action plans and procedures to recover or re-establish normal functioning of Critical Assets and access thereto following a Cyber Security Incident.
   10) Hands on SCADA operation at any of the Regional Load Dispatch Centre.
   11) Handling of risks involved in the procurement of COTS Products.

d) All Personnel engaged in O&M of IT & OT Systems shall mandatorily undergo courses on cyber security of Power Sector from any of the training institute designated by CEA, immediately within 90 days from the notification of CEA Guidelines on Cyber Security in Power Sector.
e) The Responsible Entity shall ensure that none of their newly hired or the current Personnel have access to the Critical System, prior to the satisfactory completion of cyber security training programme from the Training Institutes designated in India, except in specified circumstances such as cyber crisis or an emergency.
f) NPTI in consultation with CEA shall identify and design domain specific courses on Cyber Security for different target groups. The "Governing Board for PSO Training and Certification" shall approve the content, duration etc of these courses and shall review it Annually. NPTI shall conduct these courses at all of their branches on regular basis and shall maintain the list of the Participants successfully completing the course.

Article 9 Cyber Supply Chain Risk Management

a) The Responsible Entity shall ensure that, as and when Ministry of Power, Government of India notifies the Model Contractual Clauses on cyber security, these clauses are included in their every Bid invited for procurement of any ICT based components/equipments/System to be used for Power System.
b) The Responsible Entity shall ensure that all the Communicable Intelligent Equipments and the Service Level Agreements (SLAs) for their Critical Systems shall be sourced from the list of the "Trusted Sources" as and when drawn by MoP/CEA.

c) The Responsible Entity shall ensure that, in case, for the any Communicable Intelligent Devices, if no Trusted Source has been identified, then the successful bidder in compliance with the provisions made in MoP order dated 2.7.2020 and any other relevant MoP order has got the product cyber tested for any kind of embedded malware/Trojan/cyber threat and for adherence to Indian Standards at the designated lab.

d) The Responsible Entity shall ensure that the essential cyber security tests are carried out successfully during FAT, SAT as detailed in **Annexure A.** The equipment/System besides for functionality shall also be tested in the factory for vulnerabilities, design flaws, parts being counterfeit or tainted, so as to minimize problems during on-site-testing and installation. Cyber Security Conformance Testing are to be carried out in the designated Lab as listed in **Annexure-I of MoP Order No. 12/13/2020-T&R dt. 8th June, 2021(Order at Annexure-B).**

e) The Responsible Entity shall ensure that the Equipment/System supplied by the successful bidder shall accompany with a certificate[$, #] obtained by OEM from a certification body accredited to assess devices and process for conformances to IEC 62443-4 standards during design and manufacture. The Responsible Entity shall accept the certificate submitted along with the supplied Equipment/System only if it's in line with the Testing Protocol as notified by Ministry of Power, Government of India, from time to time.

f) The Responsible Entity in compliance to the requirement of Article 9(e) shall also accept, till the setting up of an adequate certification facility in the India, a digitally signed self-declaration of conformance to the IEC 62443-4 standards during design and manufacture of the equipment/system, if submitted by the OEM.

g) The Responsible Entity shall dispose all unserviceable or obsolete Communicable Intelligent Devices as per the procedure laid in their Cyber Risk Assessment and Mitigation Plans which shall be in line with the prevailing best practices.

$ The National & International certification may be specified in the tender for critical systems/sub-systems being procured by the Responsible Entity.

Certification Schemes:
Embedded Device Security Assurance Certification is for an individual product,
System Security Assurance Certification is for a set of products in a system (possibly from different vendors)
Security Development Lifecycle Assurance Certification is for the development processes that a manufacturer uses for developing products.

Article 10 Cyber Security Incident Report and Response Plan

a) The CISO of the Responsible Entity shall report in the formats prescribed by CERT-In, all Cyber Security Incidents, classified as reportable events.

b) Root cause analysis for all reportable events shall be carried out and corrective action taken, so as to ensure that any re-occurrence of such event can be managed with ease.

c) The Responsible Entity shall mandatorily define in their Cyber Security Policy, criteria(s) identified on the basis of impact analysis, for declaring the occurrence of

Cyber Security Incident(s) as a Cyber Crisis in the System owned or controlled by them.

d) The Responsible Entity shall mandatorily designate an Officer along with his/her standby by name and designation and empower them to declare an occurrence of the incident(s) as "Cyber Crisis". The contact details of these Officers shall be updated in the C-CMP within 15 days of changes if any due to transfer or superannuation etc.
e) The CISO shall ensure that during any Cyber Security Incident, ISD monitors and minutely records every details of cyber security events and incidents in both IT as well as the OT System owned or controlled by the Responsible Entity.
f) The CISO shall ensure that each cyber incident is handled strictly as per Cyber Security Incident Response Plan detailed in the latest C-CMP approved by the Board of Directors.
g) The Responsible Entity shall ensure that the efficacy of the Cyber Security Incident Response Plan is tested annually through mock drill(s) carried out, if feasible, as simulation exercise(s) or as table top exercise(s) with wider participation of their employees, in consultation with CERT-In and sectoral CERT. In case if any shortcoming is observed in the Cyber Security Incident Response Plan suitable changes shall be made in it.
h) The Responsible Entity shall ensure that the CISO compiles details of incident detection, incident handling, learnings from each incident and damage claims made if any and shall report to CERT-In as well as upload information on ISAC-Power Portal.

Article 11 Cyber Crisis Management Plan(C-CMP)

a) The Responsible Entity shall prepare a Cyber Crisis Management Plan and submit to their sectoral-CERT for review with intimation to Ministry of Power/CISO-MoP. Responsible Entity shall update their C-CMP on the basis of comments made by sectoral-CERT and then submit for vetting to CERT-In. The C-CMP shall be updated once again to include the observations made by CERT-In before seeking approval of Board of Directors for implementation of C-CMP.
b) The Responsible Entity shall ensure that the C-CMP is reviewed at least annually. The CISO shall ensure that all changes are made in C-CMP only with the due approval of Board of Directors and the changes made in C-CMP have been communicated through a verifiable means to all the concerned Personnel of the Responsible Entity.
c) The CISOs shall be the custodian of all the cyber security related documents including Cyber Crisis Management Plan, Risk Treatment Plan, Statement of Applicability of controls, and compliance to regulator's requirement.
d) The CISO shall be accountable for ensuring enforcement of C-CMP by Information Security Division of the Responsible Entity, during a cyber-crisis, as and when declared by the designated Officer. (refer Article 10(d))

Article 12: Sabotage Reporting%

a) The Responsible Entity shall incorporate procedure for identifying and reporting of sabotage in their Cyber Security Policy within 30 days from issue of the Guidelines, or grant of licence under the appropriate legal provisions to the Responsible Entity.
b) The CISO shall be held liable for non-reporting of identified sabotage(s) as per procedure laid for identifying and reporting of sabotage in the Cyber Security Policy of the Responsible Entity.

c) The CISO shall prepare a detailed report on disturbances or unusual occurrences, identified, suspected or determined to be caused by sabotage in the Critical System of the Responsible Entity, and shall submit the report to the Sectoral CERT as well as to CERT-In within 24 hours of its occurrence.
d) The CISO shall submit to NCIIPC within 24 hours of occurrence the report on every sabotage classified as cyber incidents(s) on "Protected System".
e) The CISO upon occurrence on every sabotage shall take custody of all log records as well as digital forensic records of affected Cyber Assets, Intrusion Detection System, Intrusion Protection System, SIEM and shall preserve them for at least 90 days and shall make them available as and when called upon for investigation by the concerned Agencies.

%Disturbances or unusual occurrences, suspected or determined to be caused by sabotage.
Sabotage e.g. can be a forced intrusion in un-manned/manned facility and taking control of operation of Critical System through a communicating device.

Article 13 Security and Testing of Cyber Assets

a) The Responsible Entity shall ensure security of all in-service phase as well as standby Cyber Assets through regular firmware/Software updates and patching, Vulnerability management, Penetration testing (of combined installations), securing configuration, supplementing security controls. CISO shall maintain details of update version of each firmware and software and their certification if received from OEMs.
b) The Responsible Entity shall carry out regularly Vulnerability Assessment of all Cyber Assets owned or under their control. If a Cyber Asset is found vulnerable to any exploits or upon any patch updates or major configuration changes, then further Penetration Testing may be carried out offline or in a suitably configured laboratory test-bed to determine other vulnerabilities that may have not been identified so far.
c) The Responsible Entity shall specify security requirement and evaluation criteria during each phase of their procurement Process.
d) The Responsible Entity shall ensure that all Cyber Assets being procured shall conform to the type tests as mentioned in the specification for type testing listed in the bid document. Type test reports of tests conducted in NABL accredited Labs or internationally accredited labs (with in last 5 years from the date of bid opening) shall be mandated to be submitted along with bid. In case, the submitted Type Test reports are not as per specification, the re-tests shall be conducted without any cost implication to the Responsible Entity.
e) The Responsible Entity shall ensure that all Communicable devices are tested for communication protocol as per the ISO/IEC/IS standards listed in **MoP Order No. 12/13/2020-T&R dated 8th June, 2021(Annexure-B).**
f) The Responsible Entity shall ensure that all Critical Systems designed with Open Source Software are adequately cyber secured.
g) The Responsible Entity as a best practise upon any incidence of Cyber Security Breach shall carry out cyber security tests at any lab designated for cyber testing by Ministry of Power. These tests shall be similar to Pre Commissioning Security Test and those essential for carrying out Post Incident Forensics Analysis.

Article 14 Cyber Security Audit

a) The Responsible Entity shall implement Information Security Management System (ISMS) covering all its Critical Systems.
b) The Responsible Entity shall through a CERT-In Empanelled Cyber Security OT Auditor shall get their IT as well as OT System audited at least once in every 6 (six) months and shall close all critical and high vulnerabilities within a period of one month and medium as well as low non-conformity before the next audit. Effective closure of all non-conformities shall be verified during the next audit.
c) The Cyber Security Audit shall be as per ISO/IEC 27001 along with sector specific standard ISO/IEC 27019, IS 16335 and other guidelines issued by appropriate Authority if any. These mentioned standards shall be current with all amendments if any and in case if any standard is superseded, the new standard shall be applicable. CISO shall ensure immediate closure of non-conformance, based on the criticality and by means all non-conformances are to be closed before the next audit.
d) The Responsible Entity shall ensure that CISO has all the required systems and documents in place, as mandated by NSCS for base line cyber security audit.

FAT & SAT

1. During FAT stage, the customer has to verify all types test reports / certificates including Communication protocol and security conformance tests of the devices offered for FAT.
2. FAT of SCADA involves testing as a whole system in the integrated scale down set up. For SCADA, Indian standard IS 15953: 2011 "SCADA System for Power System Applications" provides definition and guidelines for the specification, performance analysis and application of SCADA systems for use in electrical utilities (for transmission & Distribution) including guidance on Tests and inspections.
3. The SAT will be done at customer site as per the SAT document mutually agreed by buyer and supplier. For SAT also, guidance from IS 15953: 2011need to be applied.
4. IEC 61850-10-3 Communication Networks and Systems For Power Utility Automation-Functional testing of IEC 61850 systems (in draft stage - CDTR) covers testing of applications within substations covering

    a. A methodical approach to the verification and validation of a substation solution
    b. The use of IEC 61850 resources for testing in Edition 2.1
    c. Recommended testing practices for different use cases
    d. Definition of the process for testing of IEC 61850 based devices and systems using communications instead of hard wired system interfaces (ex. GOOSE and SV instead of hardwired interfaces)
    e. Use cases related to protection and control functions verification and testing.

    This standard may be used as a guidelines for FAT & SAT for Substation Automation System (SAS) based on IEC 61850.

Annexure - B

Annexure – 1

List of designated laboratories for cyber security conformance testing

Table -A. Field Equipment /Operational Technology (OT)

Sl. No.	Equipment	Communication Protocol Conformance Standards	Protocol Security Conformance Standards	Designated Laboratories
1	Remote Terminal Units (RTUs) & PLCs with IEC communications protocols	IEC 60870-5 -101 / IEC 60870-5 -104 (Test Details Annexure 2)	IEC 60870-5- 7 Security extension & IEC 62351 series (specifically IEC 62351-100 parts 1 & 3) (Test Details Annexure-2	Central Power Research Institute (CPRI), Prof Sir C V Raman Road, Sadashivanagar P O, Bengaluru – 560080, Karnataka
2	Intelligent Electronic Equipment / Numerical Protection Relays / Bay Control Units / Bay Protection Units, Gateways, Transformer Tap controller/ changer, etc. with IEC 61850 communication protocol	IEC 61850 – 5 to IEC 61850 – 10 (Test Details Annexure 2)		CPRI
3	Smart meters with IEC 62056 communication protocols	IEC 62056 series / DLMS & IS 15959 series and IS 16444 series (Test details Annexure 2)	IEC 62056 series / DLMS & IS 15959 series and IS 16444 series (Test Details Annexure 2)	1. CPRI 2. Electrical Research and Development Association (ERDA), ERDA Road, GIDC, Makarpura, Vadodara - 390 010 Gujarat 3. Yadav Measurements Pvt. Ltd. (YMPL) 373-375, RIICO Bhamashah Industrial Area Kaladwas 313003 Udaipur – Rajasthan

Information Technology (IT) Equipment (Main / Backup / Disaster recovery (DR) Control Centre / Substation control centre IT equipment)

All IT products procured /supplied shall have a valid Certificate of Common Criteria as per ISO/IEC 15408 issued by signatories of the Common Criteria Recognition Agreement (CCRA) (www.commoncriteriaportal.org).

Import/procurement/supplied from vendors sourcing from prior reference countries, the Certificate for Common Criteria shall be from Government Laboratories in India according to the IC3S scheme operated by Ministry of Electronics and Information Technology, which is a signatory to CCRA.

https://www.commoncriteria-india.gov.in/

Annexure - 2

Details of tests for various identified products

Remote Terminal Units (RTUs) (Sl. No. 1 of Table – A of Annexure – 1)

Test protocol:

Utilities / manufacturers will submit the sample along with all the required technical documentation for taking up testing to the designated laboratory.

Reference standards

1) IEC 60870-5-101 & IEC 60870-5-104 as applicable

2) IEC 60870-5-7 Telecontrol equipment and systems - Part 5-7: Transmission protocols - Security extensions to IEC 60870-5-101 and IEC 60870-5-104 protocols (applying IEC 62351)

3) IEC 62351-100-1 & IEC 62351-100-3 and other cross referenced standards.

Test cases

Extract from standard (IEC 62351-100-1)

The conformance test cases are divided into four clauses:

- Clause 5: Verification of configuration parameters. This clause contains the configuration parameters affecting the message contents and/or the protocol behaviour.
- Clause 6: Verification of communication. The goal of this clause is to verify that Device Under Test (DUT) is able to implement the security extension messages as described in IEC TS 60870-5-7.
- Clause 7: Verification of procedures. The goal of this clause is to verify that DUT is able to execute the security extension procedures as described in IEC TS 62351-5.
- Clause 8: Test result chart. This clause contains the results of the test cases listed in Clauses 6 and 7 for each supported value of the configuration parameters listed in Clause 5.

The test cases are organized in tables. They are numbered; their numbering syntax is: Subclause number (where the Table is located) + test case number.

In the column 'reference' each test case has a direct reference to IEC TS 62351-5 or IEC TS 60870-5-7 where the clause under test is defined.

Test cases are mandatory depending on the description in the column 'Required'. The following situations are possible:

M= Mandatory test case. The test is referencing a clause that is mandatory in IEC TS 62351-5 or IEC TS 60870-5-7.

Protocol Information Conformance Statement (PICS) x, x = Mandatory test case if the functionality is enabled in the PICS (by marking the applicable check box), with a reference to the section number of the PICS (x.x).

Conformance testing of security extension procedures

The security extension procedures can be summarized as follows:

- User management
- Update key maintenance
- Session key maintenance
- Challenge/Reply authentication
- Aggressive Mode authentication

Extract from standard (IEC 62351-100-3)

IEC 62351-3 defines the requirements related to the authentication/encryption protocol, procedures and methods to be implemented at TCP/IP (transport) level.

The conformance test cases are divided into three clauses:

- Clause 5: Verification of configuration parameters. This clause contains the parameters specified by the standards referencing IEC 62351-3 (see IEC 62351-3:2014/AMD1:2018, Clause 7) and affecting the protocol behaviour.
- Clause 6: Verification of IEC 62351-3 requirements. The goal of this clause is to verify that DUT is conformant to the requirements of the IEC 62351-3.
- Clause 7: Test result chart. This clause contains the results of the test cases listed in Clause 6 for each supported value of the configuration parameters listed in Clause 5.

The test cases are organized in tables. They are numbered, their numbering syntax is: Subclause number (where the table is located) + test case number.

In the column 'Reference' each test case has a direct reference to IEC 62351-3 where the clause under test is defined. PICS or Protocol Implementation eXtra Information for Testing (PIXIT) could be found in the "Reference" column for some test cases whenever the execution of the test case shall take into account specific parameter values declared in the PICS or PIXIT of the DUT.

Test cases are mandatory depending on the description in the column 'Required'. The following situations are possible:

M = Mandatory test case. The test is referencing to a clause that is mandatory in IEC 62351-3.

PICS

or

PIXIT = Mandatory test case if the functionality is enabled in the PICS or PIXIT by marking the applicable check box or declaring the applicable value.

Intelligent Electronic Devices (IEDs) (Sl. No. 2 of Table – A of Annexure – 1)

Utilities / manufacturers will submit the sample along with all the required technical documentation for taking up testing to the designated laboratory.

Reference standards

IEC 61850 series

Specifically IEC 61850-5, IEC 61850-6, IEC 61850-7, IEC 61850-8, IEC 61850-9 and IEC 61850-10

Test cases

Communication protocol conformance as per IEC 61850 -10. This part of standard defines methods and abstract test cases for conformance testing of client, server and sampled values devices used in power utility automation systems, the methods and abstract test cases for conformance testing of engineering tools used in power utility automation systems, and the metrics to be measured within devices according to the requirements defined in IEC 61850-5. Further this part of standard specifies standard techniques for testing of conformance of client, server and sampled value devices and engineering tools, as well as specific measurement techniques to be applied when declaring performance parameters. The use of these techniques will enhance the ability of the system integrator to integrate IEDs easily, operate IEDs correctly, and support the applications as intended.

Smart Meters (Sl. No. 3 of Table – A of Annexure – 1)

Utilities / manufacturers will submit the sample along with all the required technical documentation for taking up testing to the designated laboratory.

IEC 62056 series of standards (Electricity metering data exchange – The DLMS/COSEM suite) specifies details of communication protocol requirements, conformance testing and security requirements. The Part 5-3 (DLMS/COSEM application layer) specifies the DLMS/COSEM application layer in terms of structure, services and protocols for DLMS/COSEM clients and servers, and defines rules to specify the DLMS/COSEM communication profiles. It defines services for establishing and releasing application associations, and data communication services for accessing the methods and attributes of COSEM interface objects, defined in IEC 62056-6-2 using either logical name (LN) or short name (SN) referencing.

Clause 5 and sub clauses specifies security requirements. It cover security concepts, Identification and authentication, Cryptographic algorithms, Cryptographic keys – overview, Key used with symmetric key algorithms, Keys used with public key algorithms and Applying cryptographic protection.

Note: All above referred standards shall be latest with amendments if any at the time of submission of sample(s) for testing.

Annexure – 3

Testing Criteria

1) Supply from Trusted Sources

The sample size shall be as specified by CEA as per the approved criteria for Trusted Vendors

2) Supply from other than trusted vendors

The sample size shall be shall be 5% of the supply lot / ordered quantity (minimum one). The manufacturer shall submit request to the Nodal agency along with vendor's / manufacturer's certifications for supply chain management system practices and secure product development process implementations based on any one or more of standards ISO / IEC 27036, ISO / IEC 20243, IEC 62443 for verification.

After scrutiny of vendor's / manufacturer's certifications the supplier / utilities shall be asked to submit product to the designated laboratory for communication and cyber security conformance testing.

The supply lot shall stand rejected on failure to comply with the test requirements.

3) Supply from prior reference countries

The utility shall obtain prior permission from the Government of India for importing the product / system from prior reference countries.

The sample size shall be shall be 10 % of the supply lot / ordered quantity (minimum one). The manufacturer shall submit request to the Nodal agency along with vendor's / manufacturer's certifications for supply chain management system practices and secure product development process implementations based on any one or more of standards ISO / IEC 27036, ISO / IEC 20243, IEC 62443 for verification.

After scrutiny of vendor's / manufacturer's certifications the supplier / utilities shall be asked to submit product to the designated Government / Government controlled Autonomous laboratory for type tests (Annexure – 4) and communication & cyber security conformance testing.

The supply lot shall stand rejected on failure to comply with the test requirements.

Type Tests

Products imported from prior reference countries shall also undergo type testing as per following standards in addition to communication protocol and security conformance testing at the designated Government / Government controlled Autonomous laboratory:

Type test standards for RTUs

1. IEC 60870-1-2:1989 Telecontrol equipment and systems. Part 1: General considerations. Section Two: Guide for specifications.
2. IEC 60870-2-1:1995 Telecontrol equipment and systems - Part 2: Operating conditions - Section 1: Power supply and electromagnetic compatibility.
3. EC 60870-2-2:1996 Telecontrol equipment and systems - Part 2: Operating conditions -Section 2: Environmental conditions (climatic, mechanical and other non-electrical influences).
4. IEC 60870-3:1989 Telecontrol equipment and systems. Part 3: Interfaces (electrical characteristics)

Type test standard for IEDs / Numerical Protection Relays / Bay controls units

1. IEC 61850-3: 2013, Ed. 2 Communication networks and systems for power utility automation – Part 3: General requirements.

Type test standards for Smart meters

1. IS 16444: 2015 AC static direct connected watthour smart meter class 1 and 2 – Specification.
2. IS 16444 Part 2: 2017 AC static transformer operated watthour and var - Hour smart meters, class 0.2 S, 0.5 S and 1.0 S: Part 2 specification transformer operated smart meters.

Note:

1. All above referred standards shall be latest with amendments if any at the time of submission of sample(s) for testing.
2. Type tests generally covers functionality, environmental, mechanical, EMI/ EMC and electrical safety related tests.

Annexure-A17

सत्यमेव जयते

Government of India

India's Updated First Nationally Determined Contribution Under Paris Agreement

(2021-2030)

August 2022 Submission to UNFCCC

INDIA'S UPDATED FIRST NATIONALLY DETERMINED CONTRIBUTION
WORKING TOWARDS CLIMATE JUSTICE

Pursuant to decision 1/CP.20, India submitted its Intended Nationally Determined Contribution (NDC) to the United Nations Framework Convention on Climate Change (UNFCCC) on 2nd October, 2015. In accordance with decision 1/CP.21, paragraph 22, India's Intended NDC is now its first NDC under the Paris Agreement.

The Article 4, paragraph 9 of the Paris Agreement provides that each Party shall communicate a nationally determined contribution every five years in accordance with decision 1/CP.21. Decision 1/CP.21, paragraphs 23 and 24, requests Parties to communicate or update this contribution and to do so every five years, pursuant to Article 4, paragraph 9, of the Agreement.

Therefore, in accordance with the aforesaid provision of the Paris Agreement read with relevant decisions, India hereby communicates an update to its first NDC submitted earlier on October 2, 2015, for the period up to 2030, as under:

1. To put forward and further propagate a **healthy and sustainable way of living** based on **traditions and values of conservation and moderation**, including through **a mass movement for 'LIFE'– 'Lifestyle for Environment'** as a key to combating climate change [**UPDATED**].

2. To adopt a **climate friendly and a cleaner path** than the one followed hitherto by others at corresponding level of economic development.

3. To reduce **Emissions Intensity of its GDP by 45 percent by 2030**, from **2005 level [UPDATED]**.

4. To achieve about **50 percent cumulative electric power installed capacity** from **non-fossil fuel-based energy resources** by **2030**, with the help of transfer of technology and low-cost international finance including from Green Climate Fund (GCF) [**UPDATED**].

5. To create an additional carbon sink of 2.5 to 3 billion tonnes of CO_2 equivalent through additional forest and tree cover by 2030.

6. To **better adapt** to climate change by enhancing investments in development programmes in sectors vulnerable to climate change, particularly agriculture, water resources, Himalayan region, coastal regions, health and disaster management.

7. To mobilize **domestic and new & additional funds** from developed countries to implement the above mitigation and adaptation actions in view of the resource required and the resource gap.

8. To **build capacities**, create domestic framework and international architecture for quick diffusion of cutting edge climate technology in India and for joint collaborative R&D for such future technologies.

India's NDC is ambitious, and it is a significant contribution towards achieving the goals of the Paris Agreement. Environmentally sustainable, low carbon initiatives are underpinning all key sectors of the Indian economy.

India reaffirms its commitment to the UNFCCC and the Paris Agreement on Climate Change.

This update to India's existing NDC is a step forward towards our long term goal of reaching net-zero by 2070.

No change in the other sections or text or otherwise of the document containing existing first NDC is proposed at this stage. India reserves the right to provide further updates by way of additional submissions on its NDC, as and when required.

*****

Annexure-B

डा० सं० 3480 (अनु०प०)
दिनांक 5-8-11

कार्यालय प्रमुख अभियन्ता
(जल संसाधन अनुभाग)
सिंचाई विभाग, उ0प्र0, लखनऊ

पत्रांकः /अनिमं–8/यू0–6/ / लखनऊः दिनांकः 1/8/2011

कार्यालय–ज्ञाप

शासनादेश सं0–2953/11–27–सि0–4–08(जल)/82, दिनांक 15.07.2011 द्वारा अकृषिकारी उपयोग हेतु पानी की रायल्टी दर रू0 6,00,000.00(छः लाख रूपये) प्रति क्यूसेक/प्रति वर्ष एवं जल कर हेतु रू0 12.48 (बारह रूपये अडतालिस पैसे मात्र) प्रति हजार घनफुट निर्धारित की गई है।

अतः शासनादेश दिनांक 15.07.2011 में निहित प्राविधानों के अनुसार निर्धारित दरों पर रायल्टी एवं जलकर दोनो की वसूली हेतु निम्नानुसार आदेश एतद्द्वारा दिये जाते हैं :–

(क) वर्तमान में ऐसे सभी उपभोक्ताओं से जहाँ केवल रायल्टी अथवा जलकर की वसूली की जा रही है से तत्काल प्रभाव से संशोधित दरों पर रायल्टी एवं जल कर की वसूली सुनिश्चित की जायेगी।

(ख) उत्तर प्रदेश, शासन के अधीन किसी भी राजकीय विभाग, स्वायत्त संस्था अथवा निगम से पेयजल के लिये जल की आपूर्ति हेतु रायल्टी चार्ज नहीं की जायेगी।

(ग) उपभोक्ता विभाग/संस्था को जल आपूर्ति किये जाने हेतु शासकीय स्वीकृति प्राप्त किये बिना कोई अनुबन्ध अधिशासी अभियन्ता/अधीक्षण अभियन्ता द्वारा निष्पादित नहीं किया जायेगा।

(घ) सभी जल उपभोक्ताओं से समुचित राजस्व की वसूली हेतु आपूर्ति किये जा रहे जल के मापन की समुचित व्यवस्था सुनिश्चित किया जाना सम्बन्धित अधिशासी अभियन्ता/अधीक्षण अभियन्ता का दायित्व होगा।

उपरोक्त आदेश तत्काल प्रभावी होंगे।

(देवेन्द्र मोहन)
प्रमुख अभियन्ता एवं विभागाध्यक्ष

पत्रांकः 202 /अनिमं–8/यू0–6/ 4-3 /तद्दिनांक

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

1. प्रमुख सचिव, सिंचाई, उत्तर प्रदेश, शासन लखनऊ।
2. प्रमुख अभियन्ता(परिकल्प एवं नियोजन) सिंचाई विभाग, उ0प्र0, लखनऊ।
3. मुख्य अभियन्ता(पूर्व/पश्चिम/नियोजन/परिकल्प एवं शोध/स्वारा), कार्यालय प्रमुख अभियन्ता, सिंचाई विभाग, उ0प्र0, लखनऊ।
4. समस्त क्षेत्रीय मुख्य अभियन्ता(स्तर–2), नाम से, सिंचाई विभाग, उ0प्र0, को शासनादेश सं0–2953/11–27–सि0–4–08(जल)/82, दिनांक 15.07.2011 की छायाप्रति सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है। (संलग्नक सहित)

28/07/11
मुख्य अभियन्ता (जल संसाधन)

सिंचाई अनुभाग-4
संख्या-2953/11-27-सिं-4-08(जल)/82
लखनऊः दिनांक 15 जुलाई, 2011

कार्यालय-ज्ञाप

सिंचाई विभाग द्वारा अकृषिकारी उपयोग हेतु विभिन्न उपभोक्ताओं को जल उपलब्ध कराने के संबंध में कार्यालय ज्ञाप संख्या-1056सम्र/85-23-सिं-3 दिनांक 16-04-85 द्वारा नीति निर्धारित करते हुए जल मूल्य/रायल्टी की दर निर्धारित की गयी थी। उक्त कार्यालय ज्ञाप के प्रस्तर-5 के उप प्रस्तर-2 में रायल्टी 50,000 रूपये प्रति क्यूसेक प्रतिवर्ष निर्धारित की गयी थी। कालान्तर में अकृषिकारी उपयोग हेतु पानी की मांग औद्योगिक क्षेत्र व निजी क्षेत्र में होने तथा कीमतों में पर्याप्त वृद्धि हो जाने के कारण कार्यालय ज्ञाप संख्या-1192/98-27-सिं-4-5(डब्लू)/98 दिनांक 26-05-1998 द्वारा अकृषिकारी उपयोग हेतु पानी की रायल्टी दर 50,000 रूपये प्रति क्यूसेक प्रति वर्ष से बढ़ाकर रूपया 1,50,000 प्रति क्यूसेक प्रति वर्ष पुनरीक्षित किया गया था।

2- उत्तर प्रदेश जल प्रबन्धन एवं नियामक आयोग द्वारा अकृषिकारी उपयोग हेतु रायल्टी/जल मूल्य एवं अतिरिक्त जल मूल्य/जल कर की वर्तमान दरों में चार गुना वृद्धि किये जाने के संबंध में प्रदान की गयी सहमति के आलोक में कार्यालय प्रमुख अभियन्ता, सिंचाई विभाग के पत्र संख्या-562/अनिर्म-8/यू-6/जी-3 दिनांक 18-11-10 द्वारा रायल्टी/जल मूल्य की दर रूपये 1,50,000 प्रति क्यूसेक प्रति वर्ष में चार गुना वृद्धि करते हुए जल मूल्य की दर रूपये 6,00,000 प्रति क्यूसेक प्रति वर्ष एवं अतिरिक्त जल मूल्य/जल कर की वर्तमान प्रचलित दर रूपये 3.12 (तीन रूपये बारह पैसे मात्र) में चार गुना वृद्धि करते हुए रूपये 12.48 (बारह रूपये अड़तालिस पैसे मात्र) प्रति हजार घन फुट किये जाने का प्रस्ताव शासन को उपलब्ध कराया है।

3- अतः उपर्युक्त प्रस्ताव पर सम्यक विचारोपरान्त राज्यपाल महोदय अकृषिकारी उपयोग हेतु पानी की रायल्टी दर रूपये 1,50,000 (एक लाख पचास हजार रूपये) प्रति क्यूसेक प्रति वर्ष में चार गुना वृद्धि करते हुए रूपये 6,00,000 (छः लाख रूपये) प्रति क्यूसेक/प्रति वर्ष एवं जल कर हेतु रूपये 3.12 (तीन रूपये बारह पैसे मात्र) में चार गुना वृद्धि करते हुए रूपये 12.48 (बारह रूपये अड़तालिस पैसे मात्र) प्रति हजार घन फुट वृद्धि किये जाने की सहर्ष स्वीकृति प्रदान करते हैं।

विशाल सिंह अटेरिया
प्रमुख सचिव।

संख्या एवं तद्दिनांक यथोपरि।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित-

1- समस्त प्रमुख सचिव/सचिव, उ0प्र0 शासन।
2- प्रमुख अभियन्ता, सिंचाई विभाग, उ0प्र0 लखनऊ।
3- मुख्य अभियन्ता (जल संसाधन) सिंचाई विभाग, उ0प्र0 लखनऊ।
4- निदेशक, एन0आई0सी0 छठां तल योजना भवन लखनऊ को इस अनुरोध के साथ प्रेषित कि इस कार्यालय ज्ञाप को सिंचाई विभाग, उ0प्र0 शासन के वेबसाइट पर तत्काल अपलोड करने का कष्ट करें।

आज्ञा से,

(नंद विलास)
संयुक्त सचिव।

Non Tariff Income to be shared with Beneficiaries for the FY 2019-20

(Amount in Rs.)

S.No.	Name	Net Non Tariff Income for sharing	Income to be shared (50%)
1	Singrauli Super Thermal Power	8,80,20,860	4,40,10,400
2	Rihand Superthermal Power Proj	6,15,01,782	3,07,50,900
3	Unchahar Super Thermal Power P	4,47,53,180	2,23,76,600
4	Tanda Thermal Power Project	1,48,23,073	74,11,500
5	National Capital Dadrithermal	8,52,54,973	4,26,27,500
6	Auraiya Gas Power Project	84,13,319	42,06,700
7	Anta Gas Power Project	32,82,586	16,41,300
8	Dadri Gas Power Project	13,97,322	6,98,700
9	Faridabad Gas Power Project	30,70,536	15,35,300
10	Korba Super Thermal Power Proj	6,74,87,816	3,37,43,900
11	Vindhyachal Super Thermal Powe	7,74,57,634	3,87,28,800
12	Sipat Super Thermal Power Proj	4,82,42,738	2,41,21,400
13	Kawasgas Power Project	26,06,908	13,03,500
14	Gandhargas Power Project	37,63,661	16,81,800
15	Farakka Super Thermal Power Pr	6,28,10,342	3,14,05,200
16	Kahalgaon Super Thermal Power	6,22,08,912	3,11,04,500
17	Talcher Super Thermal Power Pr	7,89,64,647	3,94,82,300
18	Talcher Tps	50,78,899	25,39,400
19	Barh Thermal Power Plant	1,48,46,724	74,23,400
20	Ramagundam Super Thermal Power	10,25,17,464	5,12,58,700
21	Simhadri Thermal Power Project	4,16,22,169	2,08,11,100
22	Koldam Hydro Project	15,54,098	7,77,000
23	Bongaigaon	27,66,976	13,83,500
24	Mauda	3,18,44,957	1,59,22,500
25	Solapur STPP	1,35,15,046	67,57,500
26	Kudgi STPP	3,13,50,897	1,56,75,400
27	Lara STPP	18,33,788	9,16,900
28	Gadarwara Super Th Power Plant	32,44,086	16,22,000
29	Darlipalli	2,79,151	1,39,600
30	Khargone	6,35,800	3,17,900
31	Barauni Thermal Power Station	18,11,361	9,05,700
	Total	**96,69,61,707**	**48,34,80,900**

For
Management (NTPC)

Thota Vinod Kumar
AGM (Finance Commercial)

For Tanmaya S. Pradhan & Co.
(Cost Accountants)

For Tanmaya S. Pradhan & Co.
Cost-Accountants
CMA Tanmaya S. Pradhan
(Partner)
Membership No. 17590

CMA Tanmaya S. Pradhan
(Partner)
M.No. 17590

Non- Tariff Income to be shared with Beneficiary for the year 2020-21

Amount in ₹

S.No.	Station Name	Net Non- Tariff Income to be considered for Sharing	Non- tariff Income to be shared (50%)
1	Singrauli Super Thermal Power Station	9,25,15,000	4,62,57,500
2	Rihand Superthermal Power Project- Stage 1	5,74,34,400	2,87,17,200
3	Rihand Superthermal Power Project- Stage 2	5,74,34,400	2,87,17,200
4	Rihand Superthermal Power Project- Stage 3	5,74,34,400	2,87,17,200
5	Unchahar Super Thermal Power Project- Stage 1	1,34,20,003	67,10,001
6	Unchahar Super Thermal Power Project- Stage 2	1,34,20,003	67,10,001
7	Unchahar Super Thermal Power Project- Stage 3	67,10,001	33,55,001
8	Unchahar Super Thermal Power Project- Stage 4	1,59,76,194	79,88,097
9	Tanda Thermal Power Project- Stage 1	43,01,840	21,50,920
10	Tanda Thermal Power Project- Stage 2	64,52,760	32,26,380
11	National Capital Dadri thermal- Stage 1	3,40,87,292	1,70,43,646
12	National Capital Dadri thermal- Stage 2	3,97,68,508	1,98,84,254
13	Auraiya Gas Power Project	64,19,200	32,09,600
14	Anta Gas Power Project	34,76,400	17,38,200
15	Dadri Gas Power Project	11,87,800	5,93,900
16	Faridabad Gas Power Project	21,35,800	10,67,900
17	Korba Super Thermal Power Project- Stage 1 & 2	9,14,44,015	4,57,22,008
18	Korba Super Thermal Power Project- Stage 3	2,17,72,385	1,08,86,192
19	Vindhyachal Super Thermal Power Project- Stage 1	4,76,95,182	2,38,47,591
20	Vindhyachal Super Thermal Power Project- Stage 2	3,78,53,319	1,89,26,660
21	Vindhyachal Super Thermal Power Project- Stage 3	3,78,53,319	1,89,26,660
22	Vindhyachal Super Thermal Power Project- Stage 4	3,78,53,319	1,89,26,660
23	Vindhyachal Super Thermal Power Project- Stage 5	1,89,26,660	94,63,330
24	Sipat Super Thermal Power Project- Stage 2	79,70,872	39,85,436
25	Sipat Super Thermal Power Project- Stage 1	1,57,82,328	78,91,164
26	Kawasgas Power Project	49,60,400	24,80,200
27	Gandhargas Power Project	31,29,800	15,64,900
28	Farakka Super Thermal Power Project- Stage 1 & 2	5,80,53,638	2,90,26,819
29	Farakka Super Thermal Power Project- Stage 3	1,81,41,762	90,70,881
30	Kahalgaon Super Thermal Power- Stage 1	96,95,036	48,47,518
31	Kahalgaon Super Thermal Power Station- Stage 2	1,73,12,564	86,56,282
32	Talcher Super Thermal Power Project- Stage 1	1,40,80,467	70,40,233
33	Talcher Super Thermal Power Project- Stage 2	2,81,60,933	1,40,80,467
34	Talcher Tps	70,69,200	35,34,600
35	Barh Thermal Power Plant- Stage 2	1,61,00,800	80,50,400
36	Ramagundam Super Thermal Power- Stage 1 & 2	6,03,47,700	3,01,73,850
37	Ramagundam Super Thermal Power- Stage 3	1,43,68,500	71,84,250
38	Simhadri Thermal Power Project- Stage 1	3,93,80,400	1,96,90,200
39	Simhadri Thermal Power Project- Stage 2	3,93,80,400	1,96,90,200
40	Koldam Hydro Project	10,93,200	5,46,600
41	Bongaigaon	1,37,83,200	68,91,600
42	Mauda	1,18,21,638	59,10,819
43	Mauda- Stage 2	1,56,04,562	78,02,281
44	Solapur STPP	1,36,52,400	68,26,200
45	Kudgi STPP	60,87,800	30,43,900
46	Lara STPP	62,24,800	31,12,400
47	Gadarwara Super Th Power Plant	1,07,29,600	53,64,800
48	Darlipalli	55,00,200	27,50,100
49	Khargone	78,86,800	39,43,400
50	Barauni Thermal Power Station- Stage 1	16,91,800	8,45,900
51	Barauni Thermal Power Station- Stage 2	38,45,000	19,22,500
	Total	**1,15,74,28,000**	**57,87,14,000**

For Management (NTPC)

Thota Vinod Kumar
AGM (Finance Commercial)

For R.M. Bansal
Cost Accountants
FRN- 000022

R.M. Bansal & Co. FRN 000022 Cost Accountants

Shri R.M. Bansal
(Partner)
M.No. 3323

UDIN21053223ZZISRTVKJW7
Date_03-12-21

NTPC Ltd.

Non- Tariff Income to be shared with Beneficiary for the year 2021-22

Amount in ₹

S.No.	Station Name	Net Non- Tariff Income to be considered for Sharing	Non- tariff Income to be shared (50%)
1	Singrauli Super Thermal Power Station	11,18,44,600	5,59,22,300
2	Rihand Superthermal Power Project- Stage 1	4,50,25,800	2,25,12,900
3	Rihand Superthermal Power Project- Stage 2	4,50,25,600	2,25,12,800
4	Rihand Superthermal Power Project- Stage 3	4,50,25,600	2,25,12,800
5	Unchahar Super Thermal Power Project- Stage 1	1,92,11,400	96,05,700
6	Unchahar Super Thermal Power Project- Stage 2	1,92,11,600	96,05,800
7	Unchahar Super Thermal Power Project- Stage 3	96,05,800	48,02,900
8	Unchahar Super Thermal Power Project- Stage 4	2,28,71,000	1,14,35,500
9	Tanda Thermal Power Project- Stage 1	84,17,000	42,08,500
10	Tanda Thermal Power Project- Stage 2	2,21,03,400	1,10,51,700
11	National Capital Dadri thermal- Stage 1	57,01,200	28,50,600
12	National Capital Dadri thermal- Stage 2	2,55,13,400	1,27,56,700
13	Auraiya Gas Power Project	61,54,800	30,77,400
14	Anta Gas Power Project	68,72,400	34,36,200
15	Dadri Gas Power Project	11,55,400	5,77,700
16	Faridabad Gas Power Project	29,18,400	14,59,200
17	Korba Super Thermal Power Project- Stage 1 & 2	11,87,75,200	5,93,87,600
18	Korba Super Thermal Power Project- Stage 3	2,82,79,800	1,41,39,900
19	Vindhyachal Super Thermal Power Project- Stage 1	4,54,69,000	2,27,34,500
20	Vindhyachal Super Thermal Power Project- Stage 2	3,60,86,600	1,80,43,300
21	Vindhyachal Super Thermal Power Project- Stage 3	3,60,86,600	1,80,43,300
22	Vindhyachal Super Thermal Power Project- Stage 4	3,60,86,600	1,80,43,300
23	Vindhyachal Super Thermal Power Project- Stage 5	1,80,43,200	90,21,600
24	Sipat Super Thermal Power Project- Stage 2	1,40,72,800	70,36,400
25	Sipat Super Thermal Power Project- Stage 1	2,78,64,400	1,39,32,200
26	Kawasgas Power Project	47,13,800	23,56,900
27	Gandhargas Power Project	77,01,000	38,50,500
28	Farakka Super Thermal Power Project- Stage 1 & 2	3,28,32,600	1,64,16,300
29	Farakka Super Thermal Power Project- Stage 3	1,02,60,200	51,30,100
30	Kahalgaon Super Thermal Power- Stage 1	2,10,90,600	1,05,45,300
31	Kahalgaon Super Thermal Power Station- Stage 2	3,76,62,000	1,88,31,000
32	Talcher Super Thermal Power Project- Stage 1	2,79,63,800	1,39,81,900
33	Talcher Super Thermal Power Project- Stage 2	5,59,27,400	2,79,63,700
34	Barh Thermal Power Plant- Stage 1	72,95,000	36,47,500
35	Barh Thermal Power Plant- Stage 2	3,80,38,600	1,90,19,300
36	Ramagundam Super Thermal Power- Stage 1 & 2	9,06,49,400	4,53,24,700
37	Ramagundam Super Thermal Power- Stage 3	2,15,83,200	1,07,91,600
38	Simhadri Thermal Power Project- Stage 1	3,46,84,000	1,73,42,000
39	Simhadri Thermal Power Project- Stage 2	3,46,84,000	1,73,42,000
40	Koldam Hydro Project	27,14,600	13,57,300
41	Bongaigaon	66,83,200	33,41,600
42	Mauda	98,34,200	49,17,100
43	Mauda- Stage 2	1,29,81,000	64,90,500
44	Solapur STPP	2,45,76,400	1,22,88,200
45	Kudgi STPP	73,77,800	36,88,900
46	Lara STPP	1,40,40,000	70,20,000
47	Gadarwara Super Th Power Plant	1,03,03,000	51,51,500
48	Darlipalli	2,38,38,000	1,19,19,000
49	Khargone	1,06,69,800	53,34,900
50	Barauni Thermal Power Station- Stage 1	56,17,800	28,08,900
51	Barauni Thermal Power Station- Stage 2	1,80,49,800	90,24,900
	Total	1,32,91,92,800	66,45,96,400

For
Management (NTPC)

Thota Vinod Kumar
GM (Finance Commercial)

R.M. Bansal & Co. FRN 000022 Cost Accountants

For R.M. Bansal
Cost Accountants
FRN 000022

Shri R.M. Bansal
(Partner)
Membership No. 3323

UDIN 22033232ZDHSWQF2CL
Date - 07-06-22

NTPC Ltd.

Non- Tariff Income to be shared with Beneficiary for the year 2022-23

Amount in ₹

S.No.	Station Name	Net Non- Tariff Income to be considered for Sharing	Non- tariff Income to be shared (50%)
1	Singrauli Super Thermal Power Station	4,37,94,600	2,18,97,300
2	Rihand Superthermal Power Project- Stage 1	8,10,26,600	4,05,13,300
3	Rihand Superthermal Power Project- Stage 2	8,10,26,400	4,05,13,200
4	Rihand Superthermal Power Project- Stage 3	8,10,26,400	4,05,13,200
5	Unchahar Super Thermal Power Project- Stage 1	56,58,600	28,29,300
6	Unchahar Super Thermal Power Project- Stage 2	56,58,600	28,29,300
7	Unchahar Super Thermal Power Project- Stage 3	28,29,400	14,14,700
8	Unchahar Super Thermal Power Project- Stage 4	67,36,400	33,68,200
9	Tanda Thermal Power Project- Stage 1	41,25,200	20,62,600
10	Tanda Thermal Power Project- Stage 2	1,23,75,800	61,87,900
11	National Capital Dadri thermal- Stage 1	14,31,94,600	7,15,97,300
12	National Capital Dadri thermal- Stage 2	16,70,60,400	8,35,30,200
13	Auraiya Gas Power Project	32,34,200	16,17,100
14	Anta Gas Power Project	56,49,000	28,24,500
15	Dadri Gas Power Project	9,89,800	4,94,900
16	Faridabad Gas Power Project	25,66,400	12,83,200
17	Korba Super Thermal Power Project- Stage 1 & 2	9,95,17,600	4,97,58,800
18	Korba Super Thermal Power Project- Stage 3	2,36,94,600	1,18,47,300
19	Vindhyachal Super Thermal Power Project- Stage 1	4,18,19,600	2,09,09,800
20	Vindhyachal Super Thermal Power Project- Stage 2	3,31,90,400	1,65,95,200
21	Vindhyachal Super Thermal Power Project- Stage 3	3,31,90,400	1,65,95,200
22	Vindhyachal Super Thermal Power Project- Stage 4	3,31,90,400	1,65,95,200
23	Vindhyachal Super Thermal Power Project- Stage 5	1,65,95,200	82,97,600
24	Sipat Super Thermal Power Project- Stage 2	6,76,15,400	3,38,07,700
25	Sipat Super Thermal Power Project- Stage 1	13,38,78,600	6,69,39,300
26	Kawagas Power Project	43,10,200	21,55,100
27	Gandhargas Power Project	11,39,000	5,69,500
28	Farakka Super Thermal Power Project- Stage 1 & 2	3,78,23,800	1,80,11,900
29	Farakka Super Thermal Power Project- Stage 3	1,18,20,000	59,10,000
30	Kahalgaon Super Thermal Power- Stage 1	3,91,41,600	1,95,70,800
31	Kahalgaon Super Thermal Power Station- Stage 2	6,98,95,800	3,49,47,900
32	Talcher Super Thermal Power Project- Stage 1	8,41,67,200	4,20,83,600
33	Talcher Super Thermal Power Project- Stage 2	16,83,34,400	8,41,67,200
34	Barh Thermal Power Plant- Stage 1	63,50,600	31,75,300
35	Barh Thermal Power Plant- Stage 2	1,27,01,200	63,50,600
36	Ramagundam Super Thermal Power- Stage 1 & 2	8,37,34,400	4,18,67,200
37	Ramagundam Super Thermal Power- Stage 3	1,99,36,800	99,68,400
38	Simhadri Thermal Power Project- Stage 1	1,64,29,600	82,14,800
39	Simhadri Thermal Power Project- Stage 2	1,64,29,600	82,14,800
40	Koldam Hydro Project	10,94,800	5,47,400
41	Bongaigaon	1,22,73,000	61,36,500
42	Mauda	2,06,96,800	1,03,48,400
43	Mauda- Stage 2	2,73,19,800	1,36,59,900
44	Solapur STPP	1,50,01,400	75,00,700
45	Kudgi STPP	1,40,90,000	70,45,000
46	Lara STPP	2,28,88,600	1,14,44,300
47	Gadarwara Super Th Power Plant	2,19,91,000	1,09,95,500
48	Darlipali	39,85,200	19,92,600
49	Khargone	27,03,000	13,51,500
50	Barauni Thermal Power Station- Stage 1	16,87,200	8,43,600
51	Barauni Thermal Power Station- Stage 2	76,69,400	38,34,700
52	Nabinagar Super thermal Power Station Stage 1	5,90,39,400	2,95,09,700
53	Muzaffarpur TPS (Kanti) -Stage 2	28,39,600	14,19,800
		191,71,18,000	95,85,59,000

For
Management (NTPC)

Thota Vinod Kumar
GM (Finance Commercial)

For R.J. Goel & Co.,
Cost Accountants

(Hari Krishan Goel)
Partner
Membership No. 14256

02-06-2023

UDIN: 23142562ZZ56BFOHJSM

NTPC Limited

Non-tariff income to be shared with beneficiaries for the year 2023-24

(Amount in Rs.)

Sl No.	Station Name	Net Non-tariff income to be considered for sharing	Non-tariff income to be shared (50%)
1	Singrauli Super Thermal Power Station	25,64,04,400	12,82,02,200
2	Rihand Superthermal Power Project- Stage 1	6,32,12,600	3,16,06,300
3	Rihand Superthermal Power Project- Stage 2	6,32,12,800	3,16,06,400
4	Rihand Superthermal Power Project- Stage 3	6,32,12,600	3,16,06,300
5	Unchahar Super Thermal Power Project- Stage 1	1,13,29,000	56,64,500
6	Unchahar Super Thermal Power Project- Stage 2	1,13,29,000	56,64,500
7	Unchahar Super Thermal Power Project- Stage 3	56,64,600	28,32,300
8	Unchahar Super Thermal Power Project- Stage 4	1,34,83,000	67,41,500
9	Tanda Thermal Power Project- Stage 1	1,13,93,600	56,96,800
10	Tanda Thermal Power Project- Stage 2	3,41,80,600	1,70,90,300
11	National Capital Dadri thermal- Stage 1	8,89,64,800	4,44,82,400
12	National Capital Dadri thermal- Stage 2	10,37,92,600	5,18,96,300
13	Auraiya Gas Power Project	15,60,600	7,80,300
14	Anta Gas Power Project	15,59,000	7,79,500
15	Dadri Gas Power Project	6,11,400	3,05,700
16	Faridabad Gas Power Project	54,37,200	27,18,600
17	Korba Super Thermal Power Project- Stage 1 & 2	16,04,42,400	8,02,21,200
18	Korba Super Thermal Power Project- Stage 3	1,82,00,600	1,91,00,300
19	Vindhyachal Super Thermal Power Project- Stage 1	1,31,80,800	1,65,90,400
20	Vindhyachal Super Thermal Power Project- Stage 2	2,63,34,000	1,31,67,000
21	Vindhyachal Super Thermal Power Project- Stage 3	2,63,34,000	1,31,67,000
22	Vindhyachal Super Thermal Power Project- Stage 4	2,63,34,000	1,31,67,000
23	Vindhyachal Super Thermal Power Project- Stage 5	1,31,67,000	65,83,500
24	Sipat Super Thermal Power Project- Stage 2	4,76,49,600	2,38,24,800
25	Sipat Super Thermal Power Project- Stage 3	9,43,46,000	4,71,73,000
26	Kawas Gas Power Project	41,55,200	20,77,600
27	Gandhar Gas Power Project	66,43,000	32,71,500
28	Farakka Super Thermal Power Project- Stage 1 & 2	7,83,48,200	3,91,74,100
29	Farakka Super Thermal Power Project- Stage 3	1,82,33,800	91,16,900
30	Kahalgaon Super Thermal Power- Stage 1	3,65,40,400	1,82,70,200
31	Kahalgaon Super Thermal Power Station- Stage 2	6,52,50,600	3,26,25,300
32	Talcher Super Thermal Power Project- Stage 1	4,90,71,000	2,45,35,500
33	Talcher Super Thermal Power Project- Stage 2	9,81,42,200	4,90,71,100
34	Barh Thermal Power Plant- Stage 1	1,34,12,400	67,06,200
35	Barh Thermal Power Plant- Stage 2	1,60,95,000	80,47,500
36	North Karanpura STPS	1,83,41,200	91,70,600
37	Ramagundem Super Thermal Power- Stage 1 & 2	13,53,93,200	6,76,96,600
38	Ramagundem Super Thermal Power- Stage 3	3,22,36,400	1,61,18,200
39	Simhadri Thermal Power Project- Stage 1	1,76,31,400	88,15,700
40	Simhadri Thermal Power Project- Stage 2	1,76,31,400	88,15,700
41	Koldam Hydro Project	19,81,000	9,90,500
42	Bongaigaon	3,12,54,000	1,56,27,000
43	Mauda	1,29,51,400	64,75,700
44	Mauda- Stage 2	1,70,96,000	85,48,000
45	Solapur STPP	1,84,92,800	92,46,400
46	Kudgi STPP	5,41,77,800	2,70,88,900
47	Lara STPP	4,88,51,000	2,44,25,500
48	Gadarwara Super Th Power Plant	1,58,01,400	79,00,700
49	Darlipalli	2,40,40,000	1,20,20,000
50	Khargone	1,24,11,000	62,05,500
51	Barauni Thermal Power Station- Stage 1	93,82,000	46,91,000
52	Barauni Thermal Power Station- Stage 3	4,26,45,200	2,13,22,600
53	Nabinagar Super Thermal Power Station- Stage 1	3,06,53,600	1,53,26,800
54	Muzaffarpur TPS (Kanti) -Stage 2	64,30,800	32,15,400
		2,10,44,33,600	1,05,22,16,800

For
Management (NTPC)

Thota Vinod Kumar
GM (Finance Commercial)

For S. Dhal & Co.,
Cost Accountants

Saikabala Dhal

(Saikabala Dhal)
Partner
Membership No. 22835

UDIN - 24228352Z2V33V810O

S. DHAL & CO. FRN-000197 BHUBANESWAR COST ACCOUNTANTS

Details/ Information to be provided to beneficiaries under clause (7) of Regulation 30 of CERC (Terms and Condition of Tariff) Regulations, 2014

Annexure-D

Details/information to be submitted in respect of Fuel for Computation of Energy Charges:

NTPC Ltd

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal **Month** -Oct'18

S. No.	Particulars	Unit	Domestic	Imported
1	Quantity of Coal/Lignite supplied by Coal/Lignite Company #	MT	742826.387	0.000
2	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	-385.630	0.000
3	Coal supplied by Coal/Lignite Company (1+2)	MT	742440.957	0.000
4	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	4804.582	0.000
5	Net coal / Lignite Supplied (3-4)	MT	737636.375	0.000
6	Amount charged by the Coal /Lignite Company	Rs	2354593724	0
7	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs		
8	Total amount Charged (6+7)	Rs	2354593724	0
9	Transportation charges by rail/ship/road transport	Rs	1336282088	0
10	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs		
11	Demurrage Charges , if any	Rs	0	0
12	Cost of Diesel in transporting coal through MGR system , if applicable	Rs		
13	Total Transportation Charges (9+/-10+11+12)	Rs	1336282088	0
13A	Others (Road parking charges, Loss driver salary, etc)	Rs	11482172	0
14	Total amount charged for the coal /lignite supplied including transportation (8+13+13A)	Rs	3804457985	0
15	Landed cost of coal/Lignite (14/5)	Rs/MT	5157.50	0.000
16	Blending Ratio (Domestic / Imported)		100.00	0.00
17	Weighted average cost of coal /Lignite	Rs/MT	5157.50	
18	GCV of domestic coal as per bill of coal company* (UQ Basis)	Kcal/Kg	4829	
19	GCV of imported coal as per bill of coal company (ADB Basis)	Kcal/Kg		No coal/ship during the month
20	Weighted average GCV of coal / Lignite as billed**	Kcal/Kg	4829	
21	GCV of Domestic Coal as received at Station (TM Basis)	Kcal/Kg	3821	
22	GCV of Imported Coal as received at Station (TM Basis)	Kcal/Kg		-
23	Weighted average GCV of coal/ Lignite as Received (TM Basis)	Kcal/Kg	3821	

This includes opening stock

This includes value of opening stock

* Excluding Washed , E-Auction & Diverted Coal

** Weighted average GCV (as billed) does not include Washed Coal , E-Auction Coal & Diverted Coal.

सी० सी० अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / कोलडैम जल विद्युत परियोजना
NTPC Ltd. Faridabad / (DSC HydroBOBF), Faridabad
फरीदाबाद / Faridabad

राजेश कुमार गर्ग / RAJESH KUMAR GARG
महाप्रबंधक (वित्त)
General Manager (Finance)
DBF-HO; Hydro-HQ & In-charge DSC-Finance
NTPC Limited
(A Government Company)
Village - Dhauj, PO - Deeha, Faridabad-121301 (HR)

Manjay Arora 17/10/19

Details/ Information to be provided to beneficiaries under clause (7) of Regulation 30 of CERC (Terms and Condition of Tariff) Regulations, 2014

Details/information to be submitted in respect of Fuel for Computation of Energy Charges:

NTPC Ltd

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal Month -Nov.'18

S. No.	Particulars	Unit	Domestic	Imported
1	Quantity of Coal/Lignite supplied by Coal/Lignite Company #	MT	779978.305	0.000
2	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	-459.355	0.000
3	Coal supplied by Coal/Lignite Company (1+2)	MT	779518.950	0.000
4	Normative Transit & Handling Losses (For coal/Lignite based Projects	MT	5760.631	0.000
5	Net coal / Lignite Supplied (3-4)	MT	773758.319	0.000
6	Amount charged by the Coal /Lignite Company	Rs	2414393444	0
7	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs		
8	Total amount Charged (6+7)	Rs	2414393444	0
9	Transportation charges by rail/ship/road transport	Rs	1901755645	0
10	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs		
11	Demurrage Charges , if any	Rs	0	0
12	Cost of Diesel in transporting coal through MGR system , if applicable	Rs		
13	Total Transportation Charges (9+/-10+11+12)	Rs	1901755645	0
13A	Others (Kiosk pricing charges, Loco drivers salary etc)	Rs	8760793	0
14	Total amount charged for the coal /lignite supplied including transportation (8+13+13A)	Rs	4324857922	0
15	Landed cost of coal/Lignite (14/5)	Rs/MT	5585.50	0.000
16	Blending Ratio (Domestic / Imported)		100.00	0.00
17	Weighted average cost of coal /Lignite	Rs/MT	5585.50	
18	GCV of domestic coal as per bill of coal company* (GCV Based)	Kcal/Kg	5023	
19	GCV of imported coal as per bill of coal company (ADB Basis)	Kcal/Kg		No receipt during the month
20	Weighted average GCV of coal / Lignite as billed**	Kcal/Kg	5023	
21	GCV of Domestic Coal as received at Station (TM Basis)	Kcal/Kg	3797	
22	GCV of Imported Coal as received at Station (TM Basis)	Kcal/Kg		-
23	Weighted average GCV of coal/ Lignite as Received (TM Basis)	Kcal/Kg	3797	

This includes opening stock

This includes value of opening stock

* Excluding Washed , E-Auction & Diverted Coal

** Weighted average GCV (as billed) does not include Washed Coal , E- Auction Coal & Diverted Coal.

17/10/19

डी० सी० अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / एनटीपीसी पैन पॉवर प्लेक्स
NTPC Ltd. Faridabad / (SSC-Hydro&DBF), Faridabad
फरीदाबाद / Faridabad

ब्रिजेश कुमार गर्ग
BRIJESH KUMAR GARG
महाप्रबंधक (वित्त)
General Manager (Finance)
DBF-HQ, Hydro-HQ & In-charge SSC-Finance
NTPC Limited

Details/ Information to be provided to beneficiaries under clause (7) of Regulation 30 of CERC (Terms and Condition of Tariff) Regulations, 2014

Details/information to be submitted in respect of Fuel for Computation of Energy Charges:

NTPC Ltd

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal Month -Dec.'18

S. No.	Particulars	Unit	Domestic	Imported
1	Quantity of Coal/Lignite supplied by Coal/Lignite Company #	MT	844165.289	0.000
2	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	-470.185	0.000
3	Coal supplied by Coal/Lignite Company (1+2)	MT	843695.104	0.000
4	Normative Transit & Handling Losses (For coal/Lignite based Projects	MT	4778.408	0.000
5	Net coal / Lignite Supplied (3-4)	MT	838916.696	0.000
6	Amount charged by the Coal /Lignite Company	Rs	299358192.4	0
7	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs		
8	Total amount Charged (6+7)	Rs	299358192.4	0
9	Transportation Charges by rail/ship/road transport	Rs	1339747643	0
10	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs		
11	Demmurage Charges , if any	Rs	0	0
12	Cost of Diesel in transporting coal through MGR system , # applicable	Rs		
13	Total Transportation Charges (9+/-10+11+12)	Rs	1339747643	0
13a	Others (Crane picking charges,Loco driven salary etc)	Rs	69013365	0
14	Total amount charged for the coal /lignite supplied including transportation (8+13+13A)	Rs	4237417202	0
15	Landed cost of coal/Lignite (14/5)	Rs/MT	5051.06	0.000
16	Blending Ratio (Domestic / Imported)		100.00	0.00
17	Weighted average cost of coal /Lignite	Rs/MT	5051.06	
18	GCV of domestic coal as per bill of coal company* (UG Basis)	Kcal/Kg	5414	
19	GCV of imported coal as per bill of coal company (ADB Basis)	Kcal/Kg		No receipt during the month
20	Weighted average GCV of coal/ Lignite as billed**	Kcal/Kg	5414	
21	GCV of Domestic Coal as received at Station (TM Basis)	Kcal/Kg	3756	
22	GCV of Imported Coal as received at Station (TM Basis)	Kcal/Kg		-
23	Weighted average GCV of coal/ Lignite as Received (TM Basis)	Kcal/Kg	3756	

This includes opening stock

This includes value of opening stock

* Excluding Washed , E-Auction & Diverted Coal

** Weighted average GCV (as billed) does not include Washed Coal , E- Auction Coal & Diverted Coal.

Sanjay Arora 17/10/19

डी० सी० अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / एनटीपीसी हैड क्वार्टर सेक्टर
NTPC Ltd. Faridabad / (SSC-Hydro&DBF), Faridabad
फरीदाबाद / Faridabad

ब्रिजेश कुमार गर्ग
BRIJESH KUMAR GARG
महाप्रबंधक (वित्त)
General Manager (Finance)
DBF-HQ, Hydro-HQ & In-charge SSC-Finance
NTPC Limited
(A Government of India Enterprise)
Village : Dujana, PO : Noorpur, Faridabad 121001 (HR)

Part-I
Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal **Month** Oct-18

S. No.	Particulars	Unit	Domestic	Imported
A)	**OPENING QUANTITY**			
1	Opening Quantity of Coal/Lignite	MT	142253.827	0
2	Value of Stock	Rs.	723113758.6	0
B)	**QUANTITY**			
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	MT	600572.76	0
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	-385.63	
5	Coal supplied by Coal/Lignite (3+4)	MT	600187.130	0.000
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	4804.582	0.000
7	Net coal / Lignite Supplied (5-6)	MT	595382.548	0.000
C)	**PRICE**			
8	Amount charged by the Coal/Lignite Company	Rs.	1631479965	0
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.	114482172.9	0
10	Handling, Sampling and such other similar charges	Rs.		
11	Total amount Charged (8+9+10)	Rs.	1745962138	0
D)	**TRANSPORTATION**	Rs.		
12	Transportation charges by rail, ship, road transport	Rs.	1335282088	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.		
14	Demurrage Charges, if any	Rs.		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.		
16	Total Transportation Charges (12+13+14+15)	Rs.	1335282088	0
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	Rs.	3081244226	0
E)	**TOTAL COST**			
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs / PMT	5157.50	0
19	Blending Ratio (Domestic /Imported)	%	100.00%	0.00%
20	Weighted average cost of coal/ Lignite	Rs / PMT	**5157.50**	
F)	**QUALITY**			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	Kcal/Kg		
22	GCV of Domestic Coal supplied as per bill of Coal Company	Kcal/Kg	4829	
23	GCV of Imported Coal of the opening stock as per bill Coal Company	Kcal/Kg		
24	GCV of Imported Coal supplied as perbill Coal Company	Kcal/Kg		
25	Weighted average GCV of coal/ Lignite as Billed	Kcal/Kg	**4829**	
26	GCV of Domestic Coal of the opening stock as received at Station	Kcal/Kg		
27	GCV of Domestic Coal supplied as received at Station	Kcal/Kg	3821	
28	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg		
29	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg		
30	Weighted average GCV of coal/ Lignite as Received	Kcal/Kg	**3821**	

Part-I
Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal **Month** Nov-18

S. No.	Particulars	Unit	Domestic	Imported
A)	**OPENING QUANTITY**			
1	Opening Quantity of Coal/Lignite	MT	104899.375	0
2	Value of Stock	Rs.	541018172.5	0
B)	**QUANTITY**			
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	MT	670078.93	0
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	-459.355	
5	Coal supplied by Coal/Lignite (3+4)	MT	669619.575	0.000
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	5360.631	0.000
7	Net coal / Lignite Supplied (5-6)	MT	664258.944	0.000
C)	**PRICE**			
8	Amount charged by the Coal/Lignite Company	Rs.	1873575272	0
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.	87507932.63	0
10	Handling, Sampling and such other similar charges	Rs.		
11	Total amount Charged (8+9+10)	Rs.	1961083205	0
D)	**TRANSPORTATION**	Rs.		
12	Transportation charges by rail, ship, road transport	Rs.	1501755645	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.		
14	Demurrage Charges, if any	Rs.		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.		
16	Total Transportation Charges (12+13+14+15)	Rs.	1501755645	0
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	Rs.	3462838850	0
E)	**TOTAL COST**			
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs / PMT	5205.5	0
19	Blending Ratio (Domestic /Imported)	%	100.00%	0.00%
20	Weighted average cost of coal/ Lignite	Rs / PMT	**5205.50**	
F)	**QUALITY**			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	Kcal/Kg		
22	GCV of Domestic Coal supplied as per bill of Coal Company	Kcal/Kg	5023	
23	GCV of Imported Coal of the opening stock as per bill Coal Company	Kcal/Kg		
24	GCV of Imported Coal supplied as perbill Coal Company	Kcal/Kg		
25	Weighted average GCV of coal/ Lignite as Billed	Kcal/Kg	**5023**	
26	GCV of Domestic Coal of the opening stock as received at Station	Kcal/Kg		
27	GCV of Domestic Coal supplied as received at Station	Kcal/Kg	3797	
28	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg		
29	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg		
30	Weighted average GCV of coal/ Lignite as Received	Kcal/Kg	**3797**	

Part-I
Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal **Month** Dec-18

S. No.	Particulars	Unit	Domestic	Imported
A)	**OPENING QUANTITY**			
1	Opening Quantity of Coal/Lignite	MT	246864.319	0
2	Value of Stock	Rs.	1285053516	0
B)	**QUANTITY**			
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	MT	597300.97	0
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	-470.185	
5	Coal supplied by Coal/Lignite (3+4)	MT	596830.785	0.000
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	4778.408	0.000
7	Net coal / Lignite Supplied (5-6)	MT	592052.377	0.000
C)	**PRICE**			
8	Amount charged by the Coal/Lignite Company	Rs.	1708528408	0
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.	-95912265.03	0
10	Handling, Sampling and such other similar charges	Rs.		
11	Total amount Charged (8+9+10)	Rs.	1612616143	0
D)	**TRANSPORTATION**	Rs.		
12	Transportation charges by rail, ship, road transport	Rs.	1339747643	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.		
14	Demurrage Charges, if any	Rs.		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.		
16	Total Transportation Charges (12+13+14+15)	Rs.	1339747643	0
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	Rs.	2952363786	0
E)	**TOTAL COST**			
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs / PMT	5051.06	0
19	Blending Ratio (Domestic /Imported)	%	100.00%	0.00%
20	Weighted average cost of coal/ Lignite	Rs / PMT	**5051.06**	
F)	**QUALITY**			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	Kcal/Kg		
22	GCV of Domestic Coal supplied as per bill of Coal Company	Kcal/Kg	5414	
23	GCV of Imported Coal of the opening stock as per bill Coal Company	Kcal/Kg		
24	GCV of Imported Coal supplied as perbill Coal Company	Kcal/Kg		
25	Weighted average GCV of coal/ Lignite as Billed	Kcal/Kg	**5414**	
26	GCV of Domestic Coal of the opening stock as received at Station	Kcal/Kg		
27	GCV of Domestic Coal supplied as received at Station	Kcal/Kg	3756	
28	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg		
29	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg		
30	Weighted average GCV of coal/ Lignite as Received	Kcal/Kg	**3756**	

Part-I
Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal Month Oct-19

S. No.	Particulars	Unit	Domestic	Imported
A)	**OPENING QUANTITY**			
1	Opening Quantity of Coal/Lignite	MT	467257.5594	6633.1618
2	Value of Stock	Rs.	2533205575	56536735.96
B)	**QUANTITY**			
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	MT	131857.35	20358
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	0	
5	Coal supplied by Coal/Lignite (3+4)	MT	131857.350	20358.000
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	1054.859	40.716
7	Net coal / Lignite Supplied (5-6)	MT	130802.491	20317.284
C)	**PRICE**			
8	Amount charged by the Coal/Lignite Company	Rs.	442189082	176277330.5
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.	-47345135.61	-13995042.21
10	Handling, Sampling and such other similar charges	Rs.		
11	Total amount Charged (8+9+10)	Rs.	394843946.4	162282288.3
D)	**TRANSPORTATION**	Rs.		
12	Transportation charges by rail, ship, road transport	Rs.	318376309	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.		
14	Demurrage Charges, if any	Rs.		
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.		
16	Total Transportation Charges (12+13+14+15)	Rs.	318376309	0
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	Rs.	713220255.4	162282288.3
E)	**TOTAL COST**			
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./PMT	5428.26	8119.31
19	Blending Ratio (Domestic /Imported)	%	90.42%	9.58%
20	Weighted average cost of coal/ Lignite	Rs./PMT	**5686.11**	
F)	**QUALITY**			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	Kcal/Kg	4726	
22	GCV of Domestic Coal supplied as per bill of Coal Company	Kcal/Kg	4427	
23	GCV of Imported Coal of the opening stock as per bill Coal Company	Kcal/Kg		5700
24	GCV of Imported Coal supplied as perbill Coal Company	Kcal/Kg		5700
25	Weighted average GCV of coal/ Lignite as Billed	Kcal/Kg	**4704**	
26	GCV of Domestic Coal of the opening stock as received at Station	Kcal/Kg	3601	
27	GCV of Domestic Coal supplied as received at Station	Kcal/Kg	3708	
28	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg		5015
29	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg		5140
30	Weighted average GCV of coal / Lignite as Received	Kcal/Kg	**3694**	

D.C. Agrawal

डी० सी० अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / फरीदाबाद गैस पॉवर स्टेशन
NTPC Ltd. Faridabad / (SSC-Hydro&SBF), Faridabad
फरीदाबाद / Faridabad

एनटीपीसी NTPC बृजेश कुमार गर्ग
BRIJESH KUMAR GARG
महाप्रबंधक (वित्त)
General Manager Finance)
DBF-HQ, Hydro-HQ & In-charge SSC Finance
NTPC Limited
Village: Mujali, PO [illegible]

S.N. DHAWAN & CO. LLP CHARTERED ACCOUNTANTS NEW DELHI
23/01/20

Part-I
Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal Month Nov-19

S. No.	Particulars	Unit	Domestic	Imported	Bio Mass
A)	OPENING QUANTITY				
1	Opening Quantity of Coal/Lignite	MT	366982.0506	64.4458	
2	Value of Stock	Rs.	1092074.13	521258.5476	
B)	QUANTITY				
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	MT	368035.17	16236	867.94
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	0		
5	Coal supplied by Coal/Lignite [3+4]	MT	368035.170	16236.000	867.940
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	2944.281	32.472	
7	Net coal / Lignite Supplied [5-6]	MT	365090.889	16203.528	867.940
C)	PRICE				
8	Amount charged by the Coal/Lignite Company	Rs.	888935010.2	135748183.6	6861018
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.	-49090674.14	783801.19	
10	Handling, Sampling and such other similar charges	Rs.			
11	Total amount Charged (8+9+10)	Rs.	839844336.1	136531984.8	6861018
D)	TRANSPORTATION	Rs.			
12	Transportation charges by rail, ship, road transport	Rs.	841182610	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.			
14	Demurrage Charges, if any	Rs.			
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.			
16	Total Transportation Charges [12+13+14+15]	Rs.	841182610	0	0
17	Total amount Charged for coal/lignite supplied including Transportation [11+16]	Rs.	1681026946	136531984.8	6861018
E)	TOTAL COST				
18	Landed cost of coal/ Lignite [2+17]/[1+7]	Rs / MT	5917.4	8424.85	7904.95
19	Blending Ratio (Domestic /Imported)	%	95.51%	4.49%	0.03%
20	Weighted average cost of coal/ Lignite	Rs / MT	5170.51		
F)	QUALITY				
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	Kcal/Kg	3866		
22	GCV of Domestic Coal supplied as per bill of Coal Company	Kcal/Kg	4329		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	Kcal/Kg		5698	
24	GCV of Imported Coal supplied as perbill Coal Company	Kcal/Kg		5700	
25	Weighted average GCV of coal/ Lignite as Billed	Kcal/Kg	4140		
26	GCV of Domestic Coal of the opening stock as received at Station	Kcal/Kg	3604		
27	GCV of Domestic Coal supplied as received at Station	Kcal/Kg	3421		3992
28	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg		5158	
29	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg		5029	
30	Weighted average GCV of coal/ Lignite as Received	Kcal/Kg	3844		

D.C. Agrawal
डी० सी० अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / नॉटपका हैड क्वार्टर सेक्टर
NTPC Ltd. Faridabad / (SSC-Hydro&DBF), Faridabad
फरीदाबाद / Faridabad

ब्रजेश कुमार गर्ग
BRIJESH KUMAR GARG
महाप्रबंधक (वित्त)
General Manager (Finance)
DBF-HQ, Hydro-HQ & In-charge SSC-Finance
NTPC Limited
Village - Mujedi, P.O. - Deeghat, Faridabad - 121004 (HR)

S.N. DHAWAN & CO. LLP
CHARTERED ACCOUNTANTS
NEW DELHI
23/01/20

Part-I
Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal Month Dec-19

S. No.	Particulars	Unit	Domestic	Imported	Bio Mass
A)	**OPENING QUANTITY**				
1	Opening Quantity of Coal/Lignite	MT	521080.9392	4787.5578	
2	Value of Stock	Rs.	2014470242	40577440.03	
B)	**QUANTITY**				
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	MT	423208.72	35557	1701.845
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	0		
5	Coal supplied by Coal/Lignite (3+4)	MT	423208.720	35557.000	1701.845
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	3385.670	71.114	
7	Net coal / Lignite Supplied (5-6)	MT	419823.050	35485.886	1701.845
C)	**PRICE**				
8	Amount charged by the Coal/Lignite Company	Rs.	1165436532	294572502.9	13526319
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.	35605731.59	1500961.25	
10	Handling, Sampling and such other similar charges	Rs.			
11	Total amount Charged (8+9+10)	Rs.	1201082264	296073464.2	13526319
D)	**TRANSPORTATION**	Rs.			
12	Transportation charges by rail, ship, road transport	Rs.	1011527047	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.			
14	Demurrage Charges, if any	Rs.			
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.			
16	Total Transportation Charges (12+13+14+15)	Rs.	1011527047	0	0
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	Rs.	2212609311	296073464.2	13526319
E)	**TOTAL COST**				
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs / PMT	5130.26	8359.13	7948.03
19	Blending Ratio (Domestic /Imported)	%	85.26%	10.74%	0.00%
20	Weighted average cost of coal/ Lignite	Rs / PMT		5477.09	
F)	**QUALITY**				
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	Kcal/Kg	4156		
22	GCV of Domestic Coal supplied as per bill of Coal Company	Kcal/Kg	4455		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	Kcal/Kg		5780	
24	GCV of Imported Coal supplied as perbill Coal Company	Kcal/Kg		5780	
25	Weighted average GCV of coal/ Lignite as Billed	Kcal/Kg		4332	
26	GCV of Domestic Coal of the opening stock as received at Station	Kcal/Kg	3490		
27	GCV of Domestic Coal supplied as received at Station	Kcal/Kg	3757		3942
28	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg		5023	
29	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg		5041	
30	Weighted average GCV of coal/ Lignite as Received	Kcal/Kg		3675	

D.C. Agrawal
डी० सी० अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / फरीदाबाद गैस पॉवर स्टेशन
NTPC Ltd. Faridabad / (SSC-Hydro&DBF), Faridabad
फरीदाबाद / Faridabad

बृजेश कुमार गर्ग
BRUESH KUMAR GARG
महाप्रबंधक (वित्त)
General Manager Finance)
DBF-HQ, Hydro-HQ & In-charge SSC-Finance
NTPC Limited
(A Government of India Enterprise)
Village: Mujab, PO: Noorika, Faridabad 121004 (HR)

S.R. DHAWAN & CO. LLP
CHARTERED ACCOUNTANTS
23/01/20

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD. (National Capital) Thermal Power Station, Dadri Stage-II

Part-I

Form-15

Fuel: Coal | Month: Oct-20 | Provisional

S. No.	Particulars	Unit	Domestic Type 1 (NC114910065?)	Domestic Type 2 (NC114910065?)	Domestic Type 3 (NC114910065?)	Imported	Bio Mass
A)	OPENING QUANTITY						
1	Opening Quantity of Coal/Lignite	MT	183771.9466	93403.32066	0	0	0
2	Value of Stock	Rs	97959094	45177598	0	0	0
B)	QUANTITY						
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	MT	39341	20707.74	19839.64	7928.6	1266.62
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	0	0	0		
5	Coal supplied by Coal/Lignite (3+4)	MT	3934.800	293917.550	198119.640	7928.600	1266.620
6	Normative Transit & Handling Losses (for coal/Lignite based Projects)	MT	31.479	1551.238	158.713	15.857	
7	Net coal / Lignite Supplied (5-6)	MT	3903.322	291365.912	19960.927	7912.743	1266.620
C)	PRICE						
8	Amount charged by the Coal/Lignite Company	Rs.	11161220	612029436	37931845	61449412	11678208
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.	2306119	28978592	835785	4995589	0
10	Handling, Sampling and such other similar charges	Rs.					
11	Total amount Charged (8+9+10)	Rs.	13467339	640984027	38766799	66444000	11678208
D)	TRANSPORTATION	Rs.					
12	Transportation charges by rail/Rdp. road transport	Rs.	9148527	677615495	37575247	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.					
14	Demurrage Charges, if any	Rs.					
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.					
16	Total Transportation Charges (12+13+14+15)	Rs.	9148527	677615495	37575247	0	0
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	Rs.	22615866	1318599522	76342046	66440000	11678208
E)	TOTAL COST						
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./MT	5261.91	4572.13	3878.99	8397.30	9219.88
19	Blending Ratio (Domestic /Imported)	%	45.51%	99.89%	0.00%	0.00%	0.60%
20	Weighted average cost of coal/ Lignite	Rs./MT	4832.41				
F)	QUALITY						
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	Kcal/kg	4750	4514			
22	GCV of Domestic Coal supplied as per bill of Coal Company	Kcal/kg	4750	4313			
23	GCV of Imported Coal of the opening stock as per bill Coal Company	Kcal/kg				0	
24	GCV of Imported Coal supplied as per bill Coal Company	Kcal/kg				0	
25	Weighted average GCV of coal/ Lignite as Billed	Kcal/kg	4487				
26	GCV of Domestic Coal of the opening stock as received at Station	Kcal/kg	3799	3414			0
27	GCV of Domestic Coal supplied as received at Station	Kcal/kg	3298	3643			3451
28	GCV of Imported Coal of opening stock as received at Station	Kcal/kg				0	
29	GCV of Imported Coal of opening stock as received at Station	Kcal/kg				5330	
29A	Weighted average GCV of coal/ Lignite as received (ON THE BASIS OF CONSUMPTION OF DOMESTIC COAL AND IMPORTED COAL)	Kcal/kg	3639				0
29B	Adjustment of GCV (29A-25)	Kcal/kg	3554				3451
29C	Weighted average GCV of coal/ Lignite as Received and Bio mass (ON THE BASIS OF TOTAL CONSUMPTION OF COAL AND BIOMASS)	Kcal/kg	3554				
30	Weighted average GCV of coal/ Lignite as Received	Kcal/kg	3639				

श्री डी. सी. अग्रवाल / D. C. AGGARWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / कोयला आधारित ताप संयंत्र सेक्टर
NTPC Ltd. Faridabad (SSC-Hydro/DGF), Faridabad
फरीदाबाद / Faridabad

दिनेश बहुगुणा
DINESH BAHUGUNA
महाप्रबंधक (वित्त) / General Manager (Finance)
एनटीपीसी लिमिटेड / NTPC Limited
(A Government of India Enterprise)

Per Sanjay Arora
Partner
S. N. Dhawan & Co. LLP
M.No.:093754
Date: 15th June 2021
UDIN: 21093754AAAABS8799

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.-National Capital Thermal Power Station, Badri Stage-II

Part-I

Form-15

Fuel: Coal Month: Nov-20 Provisional

S. No.	Particulars	Unit	Domestic Type 1 (DC114910006437)	Domestic Type 2 (DC114910006438)	Domestic Type 3 (DC114910006439)	Imported	Bio Mass
A)	OPENING QUANTITY						
1	Opening Quantity of Coal/Lignite	MT	96832.84836	275459.2516	96608.92163	7917.7138	0
2	Value of Stock	Rs.	10362852	1338941100	3621846	66440860	0
B)	QUANTITY						
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	MT	7828.77	23175.84	7896.0	15833.5	0
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	0	0	0		
5	Coal supplied by Coal/Lignite (3+4)	MT	7828.770	23175.840	7896.000	15833.500	0.000
6	Normative Transit & Handling Loss (For coal/Lignite based Projects)	MT	62.630	186.985	63.127	31.707	
7	Net coal / Lignite Supplied (5-6)	MT	7766.140	22988.855	7832.873	15801.793	0.000
C)	PRICE						
8	Amount charged by the Coal/Lignite Company	Rs.	12180636	43331966	14363330	122839896	0
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.	330028	498361	1867496	1129601	0
10	Handling, Sampling and such other similar charges	Rs.					
11	Total amount Charged (8+9+10)	Rs.	12508857	43830327	16230826	124134797	0
D)	TRANSPORTATION	Rs.					
12	Transportation charges by rail, ship, road, rope/cart	Rs.	21220848	54949674	14722617	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.					
14	Demurrage Charges, if any	Rs.					
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.					
16	Total Transportation Charges (12+13+14+15)	Rs.	21220848	54949674	14722617	0	0
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	Rs.	33729705	98780001	30953343	124134797	0
E)	TOTAL COST						
18	Landed cost of coal/ Lignite (12+17)/(7+7)	Rs./MT	5167.76	4459.85	3918.59	8431.09	0
19	Blending Ratio (Domestic/Imported)	%	0.00%	100.00%	0.00%	0.00%	0.00%
20	Weighted average cost of coal/ Lignite	Rs./MT		4459.85			
F)	QUALITY						
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	Kcal/Kg	4282	4345	4367		
22	GCV of Domestic Coal supplied as per bill of Coal Company	Kcal/Kg	3131	3496	3641		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	Kcal/Kg				0	
24	GCV of Imported Coal supplied as per bill Coal Company	Kcal/Kg				0	
25	Weighted average GCV of coal/ Lignite as Billed	Kcal/Kg		4429			
26	GCV of Domestic Coal of the opening stock as received at Station	Kcal/Kg	3499	3633	3470		0
27	GCV of Domestic Coal supplied as received at Station	Kcal/Kg	3085	3080	2931		0
28	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg				3336	
29	GCV of Imported Coal supplied as received at Station	Kcal/Kg				3106	
29A	Weighted average GCV of coal/ Lignite as Received (ON THE BASIS OF CONSUMPTION OF DOMESTIC COAL AND IMPORTED COAL)	Kcal/Kg		3676			0
29B	Adjustment of GCV (29A-25)	Kcal/Kg		3291			0
29C	Weighted average GCV of coal/ Lignite as Received and Bio mass (ON THE BASIS OF TOTAL CONSUMPTION OF COAL AND BIOMASS)	Kcal/Kg		3591			
30	Weighted average GCV of coal/ Lignite as Received	Kcal/Kg		3676			

Remarks: Both the Stages of Badri were under Reserve Shutdown in Nov 20 * Rates are based on declaration by NTPC Depot

Per Sanjay Arora
Partner
S. N. Dhawan & Co. LLP
M.No.:093754
Date: 15th June 2021
UDIN: 21093754AAAABS8799

DINESH KUMAR
General Manager (Finance)
NTPC Limited

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD. -National Capital Thermal Power Station, Dadri Stage-II

Part-I

Form-15

Fuel: Coal | Month: Dec-20 | Provisional

S. No.	Particulars	Units	Domestic Type 1 (M1840100057)	Domestic Type 2 (M1149100643)	Domestic Type 3 (M1149100639)	Imported	Bio Mass
A)	OPENING QUANTITY						
1	Opening Quantity of Coal/Lignite	MT	104357.924	79868.4874	27298.696	21734.5358	0
2	Value of Stock	Rs	18054257	13319.1506	3735.2389	2068.2797	0
B)	QUANTITY						
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	MT	0	19331.73	1990.943	1068	160.45
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	0	-125.73	0		
5	Coal supplied by Coal/Lignite (3+4)	MT	0.000	19186.020	1909.450	1068.406	160.450
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	0.000	154.494	95.725	21.376	
7	Net coal / Lignite Supplied (5-6)	MT	0.000	19031.526	1814.155	1046.424	160.450
C)	PRICE						
8	Amount charged by the Coal/Lignite Company	Rs.	0	40288360	2282978.5	9906537.6	1290107
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.	2164021	5416903	317416	427248	0
10	Handling, Sampling and such other similar charges	Rs.					
11	Total amount Charged (8+9+10)	Rs.	2164021	45706365	2630201	9334015	1290107
D)	TRANSPORTATION	Rs.					
12	Transportation charges by rail, ship, road transport	Rs	0	45851076	2258967.3	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.					
14	Demurrage Charges, if any	Rs.					
15	Cost of fuel in transporting coal through MGR system, if applicable	Rs.					
16	Total Transportation Charges (12+13+14+15)	Rs	0	45851076	2258967.3	0	0
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	Rs.	2164021	91157441	4929868	9334015	1290107
E)	TOTAL COST						
18	Landed cost of coal / Lignite (12+17)/(1+7)	Rs / MT	5188.44	4479.71	3404.80	8259.62	8043.58
19	Blending Ratio (Domestic /Imported)	%	0.00%	64.60%	35.23%	0.00%	0.17%
20	Weighted average cost of coal/ Lignite	Rs / MT	4315.07				
F)	QUALITY						
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	Kcal/kg	4352				
22	GCV of Domestic Coal supplied as per bill of Coal Company	Kcal/kg	0				
23	GCV of Imported Coal of the opening stock as per bill Coal Company	Kcal/kg				5780	
24	GCV of Imported Coal supplied as per bill Coal Company	Kcal/kg				4560	
25	Weighted average GCV of coal/ Lignite as Billed	Kcal/kg	4096				
26	GCV of Domestic Coal of the opening stock as received at Station	Kcal/kg	3633				0
27	GCV of Domestic Coal supplied as received at Station	Kcal/kg	0				3677
28	GCV of Imported Coal of opening stock as received at Station	Kcal/kg				5280	
29	GCV of Imported Coal of opening stock as received at Station	Kcal/kg				4826	
29A	Weighted average GCV of coal/ Lignite as Received (ON THE BASIS OF CONSUMPTION OF DOMESTIC COAL AND IMPORTED COAL)	Kcal/kg	3797				0
29B	Adjustment of GCV (29A-85)	Kcal/kg	3622				3677
29C	Weighted average GCV of coal/ Lignite as Received and Bio mass (ON THE BASIS OF TOTAL CONSUMPTION OF COAL AND BIOMASS)	Kcal/kg	3622				
30	Weighted average GCV of coal/ Lignite as Received	Kcal/kg	3797				

Per Sanjay Arora
Partner
S. N. Dhawan & Co. LLP
M.No.:093754
Date: 15th June 2021
UDIN: 21093754AAAABS8799

NTPC Ltd. Dadri (SSD) Stage-II, Faridabad

NTPC Limited
(A Government of India Enterprise)

Part-I

Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal Month Oct-21 [illegible] 03-10-2021

S. No.	Particulars	Unit	Domestic Type 1 (M11491006537)	Domestic Type 2 (M11491006448)	Domestic Type 3 (M11491006439)	Imported	Bio Mass
A)	OPENING QUANTITY						
1	Opening Quantity of Coal/Lignite	MT	22308.431	7016.489	2052.813	0.000	0.000
2	Value of Stock	Rs.	142641160	31960904	8116539	0	0
B)	QUANTITY						
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	MT	122799.640	209319.240	212001.370	38684.410	499.260
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	0.000	0.000	0.000		
5	Coal supplied by Coal/Lignite (3+4)	MT	122799.640	209319.240	212001.370	38684.410	499.260
6	Normative Transit & Handling losses (For coal/Lignite based Projects)	MT	982.397	1674.554	1696.011	72.369	
7	Net coal / Lignite Supplied (5-6)	MT	121817.243	207644.686	210305.359	38607.041	499.260
C)	PRICE						
8	Amount charged by the Coal/Lignite Company	Rs.	394394301	359558391	401395591	561260805	1737769
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.	36824713	31633126	31782188	123435376	0
10	Handling, Sampling and such other similar charges	Rs.					
11	Total amount Charged (8+9+10)	Rs.	421219014	391131517	433177779	484696181	1737769
D)	TRANSPORTATION	Rs.					
12	Transportation charges by rail, ship, road transport	Rs.	275084669	500032678	386884373	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.					
14	Demurrage Charges if any	Rs.					
15	Cost of diesel in transporting coal through NGR system, if applicable	Rs.					
16	Total Transportation Charges (12+13+14+15)	Rs.	275084669	500032678	386884373	0	0
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	Rs.	696303682	891274195	820062152	484696181	1737769
E)	TOTAL COST						
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./MT	5820.93	4109.94	3899.91	12554.61	7486.62
19	Blending Ratio (Domestic /Imported)	%	23.04%	32.41%	38.77%	5.61%	0.17%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	4964.01				
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)	Rs./MT	4959.73				
F)	QUALITY						
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	Kcal/Kg	5640	4203	4398		0
22	GCV of Domestic Coal supplied as per bill of Coal Company	Kcal/Kg	4260	3856.96	4276.25		2953.16
23	GCV of Imported Coal of the opening stock as per bill Coal Company	Kcal/Kg				0	
24	GCV of Imported Coal supplied as per bill Coal Company	Kcal/Kg				0	
25	Weighted average GCV of coal/ Lignite as Billed (Including Biomass)	Kcal/Kg	4179				
25a	Weighted average GCV of coal/ Lignite as Billed (Excluding Biomass)		4180				
26	GCV of Domestic Coal of the opening stock as received at Station	Kcal/Kg	4155	3833	3286		0
27	GCV of Domestic Coal supplied as received at Station	Kcal/Kg	2977.12	3697.17	3584.96		2953.16
28	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg				0	
29	GCV of Imported Coal supplied as received at Station	Kcal/Kg				0	
30	Weighted average GCV of Coal/ Lignite as Received (Including Biomass)	Kcal/Kg	3774				
30a	Weighted average GCV of Coal/ Lignite as Received (Excluding Biomass)	Kcal/Kg	3774.8				

Madhava
Manager (F)

SANJAY SINHA
Addl. General Manager (U.F.C.G.-Fuel)
NTPC Ltd., Dadri

Shalabh Jain
Digitally signed by Shalabh Jain
Date: 2022.06.22 13:03:18 +05'30'

Part-I

Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal Month: Nov-21 15/2/2021

S.No.	Particulars	Unit	Domestic Type 1 (M1149100657)	Domestic Type 2 (M1149100648)	Domestic Type 3 (M1149100659)	Imported	Bio Mass
A)	OPENING QUANTITY						
1	Opening Quantity of Coal/Lignite	MT	338 30.674	59615.173	57164.134	2206.041	0.000
2	Value of Stock	Rs.	20880698	2563909.41	2222915.498	276967.70	0
B)	QUANTITY						
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	MT	4020.200	47995.790	229178.600	0.000	88.710
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	0.000	908.440	0.000		
5	Coal supplied by Coal/Lignite (3+4)	MT	4020.200	48902.230	229178.600	0.000	88.710
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	32.162	383.950	1835.029	0.000	
7	Net coal / Lignite Supplied (5-6)	MT	3988.038	48518.280	227343.571	0.000	88.710
C)	PRICE						
8	Amount charged by the Coal/Lignite Company	Rs.	1616.613	19231506	44795646.4	0	664138
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.	398.633	3632616	17938985	0	0
10	Handling, Sampling and such other similar charges	Rs.					
11	Total amount Charged (8+9+10)	Rs.	1643246	19864122	44695450	0	664138
D)	TRANSPORTATION	Rs.					
12	Transportation charges by rail, ship, road transport	Rs.	909380	11873567	43669509	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.					
14	Demurrage Charges, if any	Rs.					
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.					
16	Total Transportation Charges (12+13+14+15)	Rs.	909380	11873567	43669509	0	0
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	Rs.	2552626	31896689	90364959	0	664138
E)	TOTAL COST						
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs / MT	5879.69	4392.72	3951.09	12534.61	7486.52
19	Blending Ratio (Domestic /Imported)	%	9.00%	0.00%	17.19%	12.48%	0.1[illegible]
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs / MT	5028.79				
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)	Rs / MT	5025.48				
F)	QUALITY						
11	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	Kcal/Kg	4046	3991	4226		3139
12	GCV of Domestic Coal supplied as per bill of Coal Company	Kcal/Kg	5394	3883.567	4906.48		3139
13	GCV of Imported Coal of the opening stock as per bill Coal Company	Kcal/Kg				4809	
14	GCV of Imported Coal supplied as perbill Coal Company	Kcal/Kg				0	
15	Weighted average GCV of coal/ Lignite as Billed (Including Biomass)	Kcal/Kg	4263				
25a	Weighted average GCV of coal/ Lignite as Billed (Excluding Biomass)		4263				
16	GCV of Domestic Coal of the opening stock as received at Station	Kcal/Kg	3863	4055	3577		3139
17	GCV of Domestic Coal supplied as received at Station	Kcal/Kg	5394	3866.7	3694		3139
18	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg				4809	
19	GCV of Imported Coal supplied as received at Station	Kcal/Kg				0	
10	Weighted average GCV of Coal/ Lignite as Received (Including Biomass)	Kcal/Kg	3807.1				
10a	Weighted average GCV of Coal/ Lignite as Received (Excluding Biomass)	Kcal/Kg	3807.9				

Madhura
Manager(F)

संजय सिन्हा
SANJAY SINHA
महाप्रबंधक (वित्त नियंत्रण)
Add. General Manager (U.F.C.)
एनटीपीसी लि., दादरी / NTPC Ltd.

Shalabh Jain

Digitally signed by Shalabh Jain
Date: 2022.06.22 13:03:54 +05'30'

Part-I

Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal Month Dec-21

S. No.	Particulars	Unit	Domestic Type 1 (M/1491900657)	Domestic Type 2 (M/1491900648)	Domestic Type 3 (M/1491900639)	Imported	Bio Mass
A)	OPENING QUANTITY						
1	Opening Quantity of Coal/Lignite	MT	34858.713	111995.155	361156.739	10090.011	57.130
2	Value of Stock	Rs.	2348289.1	4671299.49	10137571.45	239165.752	4770.9
B)	QUANTITY						
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	MT	22421.020	23477.297	61089.520	0.000	278.030
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	0.000	0.000	0.000		
5	Coal supplied by Coal/Lignite (3+4)	MT	22421.020	23477.297	61089.520	0.000	278.030
6	Normative Transit & Handling Losses (for coal/Lignite based Projects)	MT	176.392	187.858	484.916	0.000	
7	Net coal / Lignite Supplied (5-6)	MT	22244.628	23289.439	60604.604	0.000	278.030
C)	PRICE						
8	Amount charged by the Coal/Lignite Company	Rs.	80057939	5526310	121980637	0	208508
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.	1770164	185152	4893937	0	0
10	Handling, Sampling and such other similar charges	Rs.					
11	Total amount Charged (8+9+10)	Rs.	101659235	7380362	170835334	0	208508
D)	TRANSPORTATION	Rs.					
12	Transportation charges by rail, ship, road transport	Rs.	34596356	4238629	116889372	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.					
14	Demurrage Charges, if any	Rs.					
15	Cost of diesel in transporting coal through MGS system, if applicable	Rs.					
16	Total Transportation Charges (12+13+14+15)	Rs.	34596356	4238629	116889372	0	0
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	Rs.	136255589	12618991	287724706	0	208508
E)	TOTAL COST						
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./PMT	5958.50	8964.32	4810.78	12534.61	7486.62
19	Blending Ratio (Domestic /Imported)	%	14.27%	12.30%	64.18%	8.50%	0.23%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./PMT	5896.16				
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)	Rs./PMT	5890.83				
F)	QUALITY						
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	Kcal/Kg	4180	3907	4303		3000
22	GCV of Domestic Coal supplied as per bill of Coal Company	Kcal/Kg	4250	3908	4160		3677
23	GCV of Imported Coal of the opening stock as per bill Coal Company	Kcal/Kg				4800	
24	GCV of Imported Coal supplied as per bill Coal Company	Kcal/Kg				0	
25	Weighted average GCV of coal/ Lignite as Billed (Including Biomass)	Kcal/Kg	4183				
25a	Weighted average GCV of coal/ Lignite as Billed (Excluding Biomass)		4183				
26	GCV of Domestic Coal of the opening stock as received at Station	Kcal/Kg	4185	3914	3684		3000
27	GCV of Domestic Coal supplied as received at Station	Kcal/Kg	3913	3574	3736		3677
28	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg				4800	
29	GCV of Imported Coal supplied as received at Station	Kcal/Kg				0	
30	Weighted average GCV of Coal/ Lignite as Received (Including Biomass)	Kcal/Kg	3837				
30a	Weighted average GCV of Coal/ Lignite as Received (Excluding Biomass)	Kcal/Kg					

Manager (F)

SANJAY SINHA
Add. General Manager (O.F.C.D. Fuel)
NTPC Ltd. Dadri

Shalabh Jain

Digitally signed by Shalabh Jain
Date: 2022.06.22 13:04:26 +05'30'

Part-I

Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal **Month** Oct-22

S. No.	Particulars	Unit	Domestic Type 1 (M1149100657)	Domestic Type 2 (M1149100648)	Domestic Type 3 (M1149100639)	Domestic Type 4 (M1149100620)	Imported	Bio Mass
A)	**OPENING QUANTITY**							
1	Opening Quantity of Coal/Lignite	MT	37039.461	9927.132	0.000	36276.844	156603.861	0.000
2	Value of Stock	Rs.	238418967	39553380	0.000	170537404.730	3075069787	0.000
B)	**QUANTITY**							
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	MT	28564.950	330150.650	0.000	102177.700	0.000	0.000
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	0.000	0.000	0.000	0.000		
5	Coal supplied by Coal/Lignite (3+4)	MT	28564.950	330150.650	0.000	102177.700	0.000	0.000
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	228.520	2641.205	0.000	817.422	0.000	
7	Net coal / Lignite Supplied (5-6)	MT	28336.430	327509.445	0.000	101360.278	0.000	0.000
C)	**PRICE**							
8	Amount charged by the Coal/Lignite Company	Rs.	112788423	849425024	0.000	260556021.800	0.000	0.000
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.	0	0	0.000	0.000	0.000	0.000
10	Handling, Sampling and such other similar charges	Rs.	286587	3312344	0.000	1025131	0.000	0.000
11	Total amount Charged (8+9+10)	Rs.	113075010	852737368	0.000	261581152.540	0.000	0.000
D)	**TRANSPORTATION**	Rs.						
12	Transportation charges by rail, ship, road transport	Rs.	83561646	539704558	0.000	230471919.400	0.000	0.000
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.						
14	Demurrage Charges, if any	Rs.						
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.						
16	Total Transportation Charges (12+13+14+15)	Rs.	83561646	539704558	0.000	230471919.400	0.000	0.000
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	Rs.	196636656	1392441926	0.000	492053071.940	0.000	0.000
E)	**TOTAL COST**							
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs / PMT	6654.68	4243.75	0.000	4814.040	19635.98	0.000
19	Blending Ratio (Domestic /Imported)	%	0.00%	70.18%	0.00%	9.98%	19.85%	0.00%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs / PMT	**7355.37**					
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)	Rs / PMT	**7355.37**					
F)	**QUALITY**							
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	Kcal/Kg	4714	4083	0	4593	5116	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	Kcal/Kg	5150	4126	0	4601	0	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	Kcal/Kg					5116	
24	GCV of Imported Coal supplied as perbill Coal Company	Kcal/Kg					0	
25	Weighted average GCV of coal/ Lignite as Billed (Including Biomass)	Kcal/Kg	**4283**					
25a	Weighted average GCV of coal/ Lignite as Billed (Excluding Biomass)		**4283**					
26	GCV of Domestic Coal of the opening stock as received at Station	Kcal/Kg	4392	3396	0	3672	5005	0
27	GCV of Domestic Coal supplied as received at Station	Kcal/Kg	4687	3260	0	3654	0	0
28	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg					5005	
29	GCV of Imported Coal supplied as received at Station	Kcal/Kg					0	
30	Weighted average GCV of Coal/ Lignite as Received (Including Biomass)	Kcal/Kg	3650					
30a	Weighted average GCV of Coal/ Lignite as Received (Excluding Biomass)	Kcal/Kg	3650					

Aradhana Digitally signed by Aradhana Date: 2023.06.13 09:56:55 +05'30'

Sanjay Sinha Digitally signed by Sanjay Sinha Date: 2023.06.13 11:58:54 +05'30'

Shalabh Jain Digitally signed by Shalabh Jain Date: 2023.07.20 14:47:30 +05'30'

Part-I

Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal **Month** Nov-22

S. No.	Particulars	Unit	Domestic Type 1 (M1149100657)	Domestic Type 2 (M1149100648)	Domestic Type 3 (M1149100639)	Domestic Type 4 (M1149100620)	Imported	Bio Mass
A)	**OPENING QUANTITY**							
1	Opening Quantity of Coal/Lignite	MT	64775.891	41827.577	0.000	87428.334	78306.861	0.000
2	Value of Stock	Rs.	431062815	177505499	0.000	419274503.490	1537631695.590	0.000
B)	**QUANTITY**							
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	MT	46801.320	307470.580	0.000	137745.570	19858.400	0.000
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	0.000	0.000	0.000	0.000		
5	Coal supplied by Coal/Lignite (3+4)	MT	46801.320	307470.580	0.000	137745.570	19858.400	0.000
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	374.411	2459.765	0.000	1101.965	39.717	
7	Net coal / Lignite Supplied (5-6)	MT	46426.909	305010.815	0.000	136643.605	19818.683	0.000
C)	**PRICE**							
8	Amount charged by the Coal/Lignite Company	Rs.	226573056.930	618389788.020	0.000	333080121.450	381022842.590	0.000
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.	0.000	0.000	0.000	0.000	0.000	0.000
10	Handling, Sampling and such other similar charges	Rs.	1079346.010	7281633.770	0.000	3176589	0.000	0.000
11	Total amount Charged (8+9+10)	Rs.	227652402.940	625671421.790	0.000	336256709.960	381022842.590	0.000
D)	**TRANSPORTATION**	Rs.						
12	Transportation charges by rail, ship, road transport	Rs.	115158496.770	607168593.030	0.000	313241859.260	0.000	0.000
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.						
14	Demurrage Charges, if any	Rs.						
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.						
16	Total Transportation Charges (12+13+14+15)	Rs.	115158496.770	607168593.030	0.000	313241859.260	0.000	0.000
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	Rs.	342810899.710	1232840014.820	0.000	649498569.220	381022842.590	0.000
E)	**TOTAL COST**							
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs / PMT	6959.120	4066.290	0.000	4769.780	19553.060	0.000
19	Blending Ratio (Domestic /Imported)	%	11.56%	54.94%	0.00%	25.59%	7.91%	0.00%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs / PMT	**5806.53**					
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)	Rs / PMT	**5806.53**					
F)	**QUALITY**							
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	Kcal/Kg	4588	4078	0	4600	5116	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	Kcal/Kg	5417	4121	0	4601	4955	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	Kcal/Kg					5116	
24	GCV of Imported Coal supplied as perbill Coal Company	Kcal/Kg					4955	
25	Weighted average GCV of coal/ Lignite as Billed (Including Biomass)	Kcal/Kg	**4316**					
25a	Weighted average GCV of coal/ Lignite as Billed (Excluding Biomass)		**4316**					
26	GCV of Domestic Coal of the opening stock as received at Station	Kcal/Kg	3786	3204	0	3679	5005	0
27	GCV of Domestic Coal supplied as received at Station	Kcal/Kg	3540	3530	0	3976	4955	0
28	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg					5005	
29	GCV of Imported Coal supplied as received at Station	Kcal/Kg					4955	
30	Weighted average GCV of Coal/ Lignite as Received (Including Biomass)	Kcal/Kg	3728					
30a	Weighted average GCV of Coal/ Lignite as Received (Excluding Biomass)	Kcal/Kg	3728					

Aradhana Digitally signed by Aradhana Date: 2023.06.13 09:58:17 +05'30'

Sanjay Sinha Digitally signed by Sanjay Sinha Date: 2023.06.13 11:57:40 +05'30'

Shalabh Jain Digitally signed by Shalabh Jain Date: 2023.07.20 14:45:25 +05'30'

Part-I

Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal **Month** Dec-22

S. No.	Particulars	Unit	Domestic Type 1 (M1149100657)	Domestic Type 2 (M1149100648)	Domestic Type 3 (M1149100639)	Domestic Type 4 (M1149100620)	Imported	Bio Mass
A)	**OPENING QUANTITY**							
1	Opening Quantity of Coal/Lignite	MT	80677.80	71940.39	0.00	110668.94	67932.54	0.00
2	Value of Stock	Rs.	561446546.08	292530525.35	0.00	527866051.58	1328289027.79	0.00
B)	**QUANTITY**							
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	MT	54790.56	324388.90	0.00	144062.02	39302.20	0.00
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	0.00	0.00	0.00	0.00		
5	Coal supplied by Coal/Lignite (3+4)	MT	54790.56	324388.90	0.00	144062.02	39302.20	0.00
6	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	438.32	2595.11	0.00	1197.44	78.60	
7	Net coal / Lignite Supplied (5-6)	MT	54352.24	321793.79	0.00	142864.58	39223.60	0.00
C)	**PRICE**							
8	Amount charged by the Coal/Lignite Company	Rs.	256833213.18	775592455.85	0.00	351809848.02	736157302.35	0.00
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.					0.00	0.00
10	Handling, Sampling and such other similar charges	Rs.	54203532.28	331529084.44	0.00	153970400.39		
11	Total amount Charged (8+9+10)	Rs.	311036745.46	1107121540.29	0.00	505780248.41	736157302.35	0.00
D)	**TRANSPORTATION**	Rs.						
12	Transportation charges by rail, ship, road transport	Rs.	113240659.76	665113599.82	0.00	351031143.94	0.00	0.00
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.						
14	Demurrage Charges, if any	Rs.						
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.						
16	Total Transportation Charges (12+13+14+15)	Rs.	113240659.76	665113599.82	0.00	351031143.94	0.00	0.00
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	Rs.	424277405.22	1772235140.11	0.00	856811392.35	736157302.35	0.00
E)	**TOTAL COST**							
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs / PMT	7300.03	5244.06	0	5461.52	19265.78	0
19	Blending Ratio (Domestic /Imported)	%	6.04%	58.93%	0.00%	25.43%	9.60%	0.00%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs / PMT	**6770.06**					
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)	Rs / PMT	**6770.06**					
F)	**QUALITY**							
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	Kcal/Kg	4850	4114	0	4600		0
22	GCV of Domestic Coal supplied as per bill of Coal Company	Kcal/Kg	4934	3815	0	4485		0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	Kcal/Kg					5084	
24	GCV of Imported Coal supplied as perbill Coal Company	Kcal/Kg					5050	
25	Weighted average GCV of coal/ Lignite as Billed (Including Biomass)	Kcal/Kg	**4130**					
25a	Weighted average GCV of coal/ Lignite as Billed (Excluding Biomass)		**4130**					
26	GCV of Domestic Coal of the opening stock as received at Station	Kcal/Kg	3674	3683	0	3880		0
27	GCV of Domestic Coal supplied as received at Station	Kcal/Kg	3968	3389	0	4038		0
28	GCV of Imported Coal of opening stock as received at Station	Kcal/Kg					4995	
29	GCV of Imported Coal supplied as received at Station	Kcal/Kg					5155	
30	Weighted average GCV of Coal/ Lignite as Received (Including Biomass)	Kcal/Kg	3753					
30a	Weighted average GCV of Coal/ Lignite as Received (Excluding Biomass)	Kcal/Kg	3753					

Aradhana Digitally signed by Aradhana Date: 2023.06.13 09:59:25 +05'30'

Sanjay Sinha Digitally signed by Sanjay Sinha Date: 2023.06.13 11:07:33 +05'30'

Shalabh Jain Digitally signed by Shalabh Jain Date: 2023.07.20 14:46:20 +05'30'

DADRI THERMAL STAGE #1 & 2
FORM 15 FOR ACCOUNTING & BILLING

STAGE -1 & 2 Month Oct'18

Details of information to be submitted in respect of fuel for computation of energy charges (In case of OIL)					
	Station			DADRI THERMAL	
	Month			Oct'18	Oct'18
				HFO	LDO
S.No.	Particulars	Unit			
1	Opening Stock of Oil	KL		3375.475	3092.680
2	Value of Opening Stock	Rs.		116073864.73	143386075.97
3	Quantity of Oil supplied by the Oil Company	KL		0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL		0	0
5	Oil supplied by the Oil Company (3+4)	KL		0	0
6	Normative transit & Handling losses	KL		0	0
7	Net Oil supplied (5 - 6)	KL		0	0
8	Amount charged by the Oil Company	Rs.		0	0
9	Adjustment (+/-) in amount charged by Oil Company	Rs.		0	0
10	Total Amount charged (8+9)	Rs.		0	0
11	Transportation charges by Rail / Ship / Road Transport	Rs.		0.00	0.00
12	Adjustment (+/-) in amount charged by railways / transport company	Rs.		0	0
13	Demurrage charges, if any	Rs.		0.00	0.00
14	Total transportation charges (11+/-12 - 13)	Rs.		0	0
15	Total amount charged for the Oil supplied including transportation (10 + 14)	Rs.		0	0
16	Other Charges	Rs.		0	0
17	Total amount charged for oil(LDO/HFO) supplied including transportation (15 + 16)			0	0
18	Weighted average GCV of Oil as fired (stage 1)	Kcal / KL			
19	Quantity of Oil at the station for the month (1 +7)	KL		3375.475	3092.68
20	Total amount charged for Oil (2 + 15 / 19)	Rs.		116073864.73	143386075.97
21	Landed Cost of Oil (19 / 17)	Rs / KL		34387.417	46363.050
22	Quantity of Oil consumed (Station)	KL		96.000	23.000
23	Value of Oil consumed (19 * 20)	Rs.		3301192.03	1066390.15
24	Closing Stock of Oil (17 - 20)	KL		3279.475	3069.68
25	Value of Closing Stock (19 - 21)	Rs.		112772672.70	142319725.82

	Details of information to be submitted in respect of fuel for computation of energy charges				
	Station			DADRI THERMAL	
	Month			Jan-00	
				HFO	LDO
S.No.	Particulars	Unit			
1	Landed Cost of Oil as at Sl No 19	Rs / KL		34,387.42	46,363.05
2	Usage Quantity for the month (Stage 1)	KL		53.200	7.000
3	Weighted average rate ((R1*Q1)+(R2*Q2)) / (Q1+Q2)	Rs / KL			35,779.93
4	Weighted average GCV of Oil on usage basis	Kcal / KL			9,648.77

1	Landed Cost of Oil as at Sl No 19	Rs / KL		34,387.42	46,363.05
2	Usage Quantity for the month (Stage 2)	KL		42.000	16.000
3	Weighted average rate ((R1*Q1)+(R2*Q2)) / (Q1+Q2)	Rs / KL			37,646.09
4	Weighted average GCV of Oil on usage basis	Kcal / KL			9,781.45

D.C. Agrawal
डी० सी० अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / एनटीपीसी सेल फोर्ड लोन
NTPC Ltd. Faridabad / (SSC-Hydro&DDF), Faridabad
फरीदाबाद / Faridabad

ब्रिजेश कुमार गर्ग
BRIJESH KUMAR GARG
महाप्रबंधक (वित्त)
General Manager (Finance)
DDF-HQ, Hydro-HQ & In-charge SSC-Finance
NTPC Limited
(A Government of India Enterprise)
Village - Maali, P.O. - Sirsona, Faridabad (Haryana)

Vinay Aggarwal 17/10/19

DADRI THERMAL STAGE #1 & 2
FORM 15 FOR ACCOUNTING & BILLING

STAGE -1 & 2 Month Nov.'18

Details of information to be submitted in respect of fuel for computation of energy charges (In case of OIL)					
	Station			DADRI THERMAL	
	Month			Nov.'18	Nov.'18
				HFO	LDO
S.No.	Particulars	Unit			
1	Opening Stock of Oil	KL		3279.475	3069.680
2	Value of Opening Stock	Rs.		112772672.70	142319725.82
3	Quantity of Oil supplied by the Oil Company	KL		0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL		0	0
5	Oil supplied by the Oil Company (3+4)	KL		0	0
6	Normative transit & Handling losses	KL		0	0
7	Net Oil supplied (5 - 6)	KL		0	0
8	Amount charged by the Oil Company	Rs.		0	0
9	Adjustment (+ / -) in amount charged by Oil Company	Rs.		0	0
10	Total Amount charged (8 +9)	Rs.		0	0
11	Transportation charges by Rail / Ship / Road Transport	Rs.		0.00	0.00
12	Adjustment (+/-) in amount charged by railways / transport company	Rs.		0	0
13	Demurrage charges, if any	Rs.		0.00	0.00
14	Total transportation charges (11+/- 12 - 13)	Rs.		0	0
15	Total amount charged for the Oil supplied including transportation (10 + 14)	Rs.		0	0
16	Other Charges	Rs.		0	0
17	Total amount charged for oil(LDO/HFO) supplied including transportation (10 + 15)			0	0
18	Weighted average GCV of Oil as fired (stage 1)	Kcal / KL			
19	Quantity of Oil at the station for the month (1 +7)	KL		3279.475	3069.68
20	Total amount charged for Oil (2 + 15+16)	Rs.		112772672.70	142319725.82
21	Landed Cost of Oil (16 / 17)	Rs / KL		34387.416	46363.050
22	Quantity of Oil consumed (Station)	KL		784.670	28.000
23	Value of Oil consumed (19 * 20)	Rs		26982773.71	1298165.40
24	Closing Stock of Oil (17 - 20)	KL		2494.805	3041.68
25	Value of Closing Stock (19 - 21)	Rs		85789898.99	141021560.42

	Details of information to be submitted in respect of fuel for computation of energy charges				
	Station			DADRI THERMAL	
	Month			Jan-00	
				HFO	LDO
S.No.	Particulars	Unit			
1	Landed Cost of Oil as at Sl No 19	Rs / KL		34,387.42	46,363.05
2	Usage Quantity for the month (Stage 1)	KL		509.570	23.000
3	Weighted average rate ((R1*Q1)+(R2*Q2)) / (Q1+Q2)	Rs / KL			34,904.61
4	Weighted average GCV of Oil on usage basis	Kcal / KL			9,869.57

1	Landed Cost of Oil as at Sl No 19	Rs / KL		34,387.42	46,363.05
2	Usage Quantity for the month (Stage 2)	KL		275.100	5.000
3	Weighted average rate ((R1*Q1)+(R2*Q2)) / (Q1+Q2)	Rs / KL			34,601.19
4	Weighted average GCV of Oil on usage basis	Kcal / KL			9,880.97

D.C. Agrawal

डी० सी० अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / परीक्षाधीन पैसा कॉमर स्टेशन
NTPC Ltd. Faridabad / (SSC-Hydro&DBF), Faridabad
फरीदाबाद / Faridabad

Vanjay Bhargava
17/10/19

एनटीपीसी NTPC
बृजेश कुमार गर्ग
BRIJESH KUMAR GARG
महाप्रबंधक (वित्त)
General Manager Finance)
DBF-HQ, Hydro-HQ & In-charge SSC-Finance
NTPC Limited
(A Government of India Enterprise)
Village : Mujedi, P.O. Neemka, Faridabad 121001 (HR)

DADRI THERMAL STAGE #1 & 2
FORM 15 FOR ACCOUNTING & BILLING

STAGE -1 & 2 Month Dec' 18

Details of information to be submitted in respect of fuel for computation of energy charges (In case of OIL)					
	Station			DADRI THERMAL	
	Month			Dec' 18	Dec' 18
				HFO	LDO
S.No.	Particulars	Unit			
1	Opening Stock of Oil	KL		2494.805	3041.680
2	Value of Opening Stock	Rs		85789898.99	141021560.42
3	Quantity of Oil supplied by the Oil Company	KL		0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL		0	0
5	Oil supplied by the Oil Company (3+4)	KL		0	0
6	Normative transit & Handling losses	KL		0	0
7	Net Oil supplied (5 - 6)	KL		0	0
8	Amount charged by the Oil Company	Rs.		0	0
9	Adjustment (+ / -) in amount charged by Oil Company	Rs.		0	0
10	Total Amount charged (8 +9)	Rs.		0	0
11	Transportation charges by Rail / Ship / Road Transport	Rs.		0.00	0.00
12	Adjustment (+/-) in amount charged by railways / transport company	Rs.		0	0
13	Demurrage charges, if any	Rs.		0.00	0.00
14	Total transportation charges (11+/- 12 + 13)	Rs.		0	0
15	Total amount charged for the Oil supplied including transportation (10 + 14)	Rs.		0	0
16	Other Charges	Rs.		0	0
17	Total amount charged for oil(LDO/HFO) supplied including transportation (10 + 15)			0	0
18	Weighted average GCV of Oil as fired (stage 1)	Kcal / KL			
19	Quantity of Oil at the station for the month (1 +7)	KL		2494.805	3041.68
20	Total amount charged for Oil (2 + 13+16)	Rs.		85789898.99	141021560.42
21	Landed Cost of Oil (16 / 17)	Rs / KL		34387.417	46363.050
22	Quantity of Oil consumed (Station)	KL		144.655	69.540
23	Value of Oil consumed (19 * 20)	Rs		4974311.81	3224086.50
24	Closing Stock of Oil (17 - 20)	KL		2350.150	2972.14
25	Value of Closing Stock (19 - 21)	Rs		80816587.18	137797473.92

	Details of information to be submitted in respect of fuel for computation of energy charges				
	Station			DADRI THERMAL	
	Month				
				HFO	LDO
S.No.	Particulars	Unit			
1	Landed Cost of Oil as at Sl No 19	Rs / KL		34,387.42	46,363.05
2	Usage Quantity for the month (Stage 1)	KL		139.625	67.540
3	Weighted average rate ((R1*Q1)+(R2*Q2)) / (Q1+Q2)	Rs / KL			38,291.72
4	Weighted average GCV of Oil on usage basis	Kcal / KL			9,747.94

1	Landed Cost of Oil as at Sl No 19	Rs / KL		34,387.42	46,363.05
2	Usage Quantity for the month (Stage 2)	KL		5.030	2.000
3	Weighted average rate ((R1*Q1)+(R2*Q2)) / (Q1+Q2)	Rs / KL			37,794.42
4	Weighted average GCV of Oil on usage basis	Kcal / KL			9,766.55

D.C. Agrawal

डी० सी० अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / परीक्षाकार वित्त पॉवर सेक्टर
NTPC Ltd. Faridabad / (SSC-Hydro&DBF), Faridabad
फरीदाबाद / Faridabad

एनटीपीसी NTPC
बृजेश कुमार गर्ग
BRIJESH KUMAR GARG
महाप्रबंधक (वित्त)
General Manager Finance)
DBF-HQ, Hydro-HQ & In-charge SSC-Finance
NTPC Limited
(A Government of India Enterprise)
Village : Shanti, PO : Neemka, Faridabad 121004 (HR)

Kanjay Arora
NEW DELHI
CHARTERED ACCOUNTANTS

Part-I
Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: OIL Month Oct-19

S. No.	Particulars	Unit	HFO	LDO
A)	**OPENING QUANTITY**			
1	Opening Quantity of Oil	KL	2350.15	2381.823
2	Value of Stock	Rs	80815587.18	110729537.71
B)	**QUANTITY**			
3	Quantity of Oil supplied by Oil Company	KL	0.000	2842.990
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.000	0.000
5	Oil supplied by Oil (3+4)	KL	0.000	2842.990
6	Normative Transit & Handling Losses (For Coal based Projects)	KL	0.000	0.000
7	Net Oil Supplied (5-6)	KL	0.000	2842.990
C)	**PRICE**			
8	Amount charged by the Oil Company	Rs	0.00	156741557.00
9	Adjustment (+/-) in amount charged made by Oil Company	Rs	0.00	0.00
10	Handling, Sampling and such other similar charges	Rs		
11	Total amount Charged (8+9+10)	Rs	0.00	156741557.00
D)	**TRANSPORTATION**	Rs		
12	Transportation charges by rail, ship, road transport	Rs	0.00	0.00
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs	0.00	0.00
14	Demurrage Charges, if any	Rs	0.00	0.00
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs		
16	Total Transportation Charges (12+13+14+15)	Rs	0.00	0.00
17	Total amount Charged for Oil supplied including Transportation (11+16)	Rs	0.00	156741557.00
E)	**TOTAL COST**			
18	Landed cost of Oil (2+17)/(1+7)	Rs / PKL	34387.42	51192.47
19	Blending Ratio (Domestic /Imported)	%		
20	Weighted average cost of Oil	Rs / PKL	51192.47	
F)	**QUALITY**			
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	Kcal/KL	0	9708
22	GCV of Domestic Oil supplied as per bill of Oil Company	Kcal/KL	0	0
23	GCV of Imported Oil of the opening stock as per bill Oil Company	Kcal/KL		
24	GCV of Imported Oil supplied as per bill Oil Company	Kcal/KL		
25	Weighted average GCV of Oil/ Lignite as Billed	Kcal/KL	9708	
26	GCV of Domestic Oil of the opening stock as received at Station	Kcal/KL	0	9708
27	GCV of Domestic Oil supplied as received at Station	Kcal/KL	0	0
28	GCV of Imported Oil of opening stock as received at Station	Kcal/KL		
29	GCV of Imported Oil of opening stock as received at Station	Kcal/KL		
30	Weighted average GCV of Oil/ Lignite as Received	Kcal/KL	9708	

D.C. Agrawal

डी० सी० अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / फरीदाबाद गैस पॉवर स्टेशन
NTPC Ltd. Faridabad / (SSC-Hydro&DBF), Faridabad
फरीदाबाद / Faridabad

बृजेश कुमार गर्ग
BRIJESH KUMAR GARG
महाप्रबंधक (वित्त)
General Manager Finance)
DBF-HQ, Hydro-HQ & In-charge SSC-Finance
NTPC Limited
(A Government of India Enterprise)
Village Mandi, PO Tuglaka, Faridabad (110044 (HR.))

S.N. DHAWAN & CO. CHARTERED ACCOUNTANTS NEW DELHI
23/01/20

Part-I
Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: OIL Month Nov-19

S. No.	Particulars	Unit	HFO	LDO
A)	**OPENING QUANTITY**			
1	Opening Quantity of Oil	KL	2350.15	4319.433
2	Value of Stock	Rs	80815587.18	221122454.41
B)	**QUANTITY**			
3	Quantity of Oil supplied by Oil Company	KL	0.000	0.000
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.000	0.000
5	Oil supplied by Oil (3+4)	KL	0.000	0.000
6	Normative Transit & Handling Losses (For Coal based Projects)	KL	0.000	0.000
7	Net Oil Supplied (5-6)	KL	0.000	0.000
C)	**PRICE**			
8	Amount charged by the Oil Company	Rs	0.00	0.00
9	Adjustment (+/-) in amount charged made by Oil Company	Rs	0.00	0.00
10	Handling, Sampling and such other similar charges	Rs		
11	Total amount Charged (8+9+10)	Rs	0.00	0.00
D)	**TRANSPORTATION**	Rs		
12	Transportation charges by rail, ship, road transport	Rs	0.00	0.00
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs	0.00	0.00
14	Demurrage Charges, if any	Rs	0.00	0.00
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs		
16	Total Transportation Charges (12+13+14+15)	Rs	0.00	0.00
17	Total amount Charged for Oil supplied including Transportation (11+16)	Rs	0.00	0.00
E)	**TOTAL COST**			
18	Landed cost of Oil (2+17)/(1+7)	Rs / PKL	34387.42	51192.47
19	Blending Ratio (Domestic /Imported)	%		
20	Weighted average cost of Oil	Rs / PKL	51192.47	
F)	**QUALITY**			
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	Kcal/KL	0	9708
22	GCV of Domestic Oil supplied as per bill of Oil Company	Kcal/KL	0	0
23	GCV of Imported Oil of the opening stock as per bill Oil Company	Kcal/KL		
24	GCV of Imported Oil supplied as perbill Oil Company	Kcal/KL		
25	Weighted average GCV of Oil/ Lignite as Billed	Kcal/KL	9708	
26	GCV of Domestic Oil of the opening stock as received at Station	Kcal/KL	0	9708
27	GCV of Domestic Oil supplied as received at Station	Kcal/KL	0	0
28	GCV of Imported Oil of opening stock as received at Station	Kcal/KL		
29	GCV of Imported Oil of opening stock as received at Station	Kcal/KL		
30	Weighted average GCV of Oil/ Lignite as Received	Kcal/KL	9708	

डी० सी० अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / फरीदाबाद हेड पॉवर स्टेशन
NTPC Ltd. Faridabad / (SSC-Hydro&DBF), Faridabad
फरीदाबाद / Faridabad

बृजेश कुमार गर्ग
BRIJESH KUMAR GARG
महाप्रबंधक (वित्त)
General Manager Finance)
DBF-HQ, Hydro-HQ & In-charge SSC-Finance
NTPC Limited
(A Government of India Enterprise)
Village : Mujeda PO.: Rasoda, Faridabad-121004 (HR.)

R.N. DHAWAN & CO. CHARTERED ACCOUNTANTS NEW DELHI
23/01/20

Part-I
Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: OIL Month Dec-19

S. No.	Particulars	Unit	HFO	LDO
A)	**OPENING QUANTITY**			
1	Opening Quantity of Oil	KL	2350.15	3430.533
2	Value of Stock	Rs.	80815587.18	175617466.05
B)	**QUANTITY**			
3	Quantity of Oil supplied by Oil Company	KL	0.000	0.000
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.000	0.000
5	Oil supplied by Oil (3+4)	KL	0.000	0.000
6	Normative Transit & Handling Losses (For Coal based Projects)	KL	0.000	0.000
7	Net Oil Supplied (5-6)	KL	0.000	0.000
C)	**PRICE**			
8	Amount charged by the Oil Company	Rs.	0.00	0.00
9	Adjustment (+/-) in amount charged made by Oil Company	Rs.	0.00	0.00
10	Handling, Sampling and such other similar charges	Rs.		
11	Total amount Charged (8+9+10)	Rs.	0.00	0.00
D)	**TRANSPORTATION**	Rs.		
12	Transportation charges by rail, ship, road transport	Rs.	0.00	0.00
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.	0.00	0.00
14	Demurrage Charges, if any	Rs.	0.00	0.00
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.		
16	Total Transportation Charges (12+13+14+15)	Rs.	0.00	0.00
17	Total amount Charged for Oil supplied including Transportation (11+16)	Rs.	0.00	0.00
E)	**TOTAL COST**			
18	Landed cost of Oil (2+17)/(1+7)	Rs / PKL	34387.42	51192.47
19	Blending Ratio (Domestic /Imported)	%		
20	Weighted average cost of Oil	Rs / PKL	51192.47	
F)	**QUALITY**			
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	Kcal/KL	0	9708
22	GCV of Domestic Oil supplied as per bill of Oil Company	Kcal/KL	0	0
23	GCV of Imported Oil of the opening stock as per bill Oil Company	Kcal/KL		
24	GCV of Imported Oil supplied as perbill Oil Company	Kcal/KL		
25	Weighted average GCV of Oil/ Lignite as Billed	Kcal/KL	9708	
26	GCV of Domestic Oil of the opening stock as received at Station	Kcal/KL	0	9708
27	GCV of Domestic Oil supplied as received at Station	Kcal/KL	0	0
28	GCV of Imported Oil of opening stock as received at Station	Kcal/KL		
29	GCV of Imported Oil of opening stock as received at Station	Kcal/KL		
30	Weighted average GCV of Oil/ Lignite as Received	Kcal/KL	9708	

D.C. Agrawal
डी० सी० अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / फरीदाबाद हैड क्वार्टर
NTPC Ltd. Faridabad / (SSC Hydro&DBF), Faridabad
फरीदाबाद / Faridabad

एनटीपीसी NTPC
बृजेश कुमार गर्ग
BRIJESH KUMAR GARG
महाप्रबंधक (वित्त)
General Manager (Finance)
DBF-HQ, Hydro-HQ & In-charge SSC-Finance
NTPC Limited
(A Government of India Enterprise)
Village - Majra, PO - Dhoomla, Faridabad (Haryana)

S.N. DHAWAN & CO. NEW DELHI CHARTERED ACCOUNTANTS
23/01/20

Part-I
Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Delhi Stage-II

Fuel: Oil **Month** Oct-20

S. No.	Particulars	Unit	Info	Info
A)	OPENING QUANTITY			
1	Opening Quantity of Oil	KL	0	2964.847
2	Value of Stock	Rs	0.00	151193717.19
B)	QUANTITY			
3	Quantity of Oil supplied by Oil Company	KL	0.000	2838.850
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.000	0.000
5	Oil supplied by Oil (3+4)	KL	0.000	2838.850
6	Normative Transit & Handling Losses (For Coal based Projects)	KL	0.000	0.000
7	Net Oil Supplied (5-6)	KL	0.000	2838.850
C)	PRICE			
8	Amount charged by the Oil Company	Rs.	0.00	97594158.00
9	Adjustment (+/-) in amount charged made by Oil Company	Rs	0.00	0.00
10	Handling, Sampling and such other similar charges	Rs.		
11	Total amount Charged (8+9+10)	Rs	0.00	97594158.00
D)	TRANSPORTATION	Rs.		
12	Transportation charges by rail, ship, road transport	Rs	0.00	0.00
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs	0.00	0.00
14	Demurrage Charges, if any	Rs	0.00	0.00
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs		
16	Total Transportation Charges (12+13+14+15)	Rs	0.00	0.00
17	Total amount Charged for Oil supplied including Transportation (11+16)	Rs	0.00	97594158.00
E)	TOTAL COST			
18	Landed cost of Oil (2+17)/(1+7)	Rs / PKL	0	41832.38
19	Blending Ratio (Domestic /Imported)	%		
20	Weighted average cost of Oil	Rs / PKL	41832.38	
F)	QUALITY			
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	Kcal/KL	0	9585
22	GCV of Domestic Oil supplied as per bill of Oil Company	Kcal/KL	0	0
23	GCV of Imported Oil of the opening stock as per bill Oil Company	Kcal/KL		
24	GCV of Imported Oil supplied as per bill Oil Company	Kcal/KL		
25	Weighted average GCV of Oil/ Lignite as Billed	Kcal/KL	9585	
26	GCV of Domestic Oil of the opening stock as received at Station	Kcal/KL	0	9585
27	GCV of Domestic Oil supplied as received at Station	Kcal/KL	0	0
28	GCV of Imported Oil of opening stock as received at Station	Kcal/KL		
29	GCV of Imported Oil of opening stock as received at Station	Kcal/KL		
30	Weighted average GCV of Oil/ Lignite as Received	Kcal/KL	9585	

डॉ० सी० अग्रवाल
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr Manager (F&A)
एन टी पी सी लिमिटेड / कोयला आधारित ताप संयंत्र
NTPC Ltd. Faridabad (SSC+Hydro&DBR), Faridabad
फरीदाबाद / Faridabad

दिनेश बहुगुणा
DINESH BAHUGUNA
Chief Manager (Finance)
Incharge SBO-Faridabad
NTPC Limited
(Kinsha Enterprises)
Faridabad-121004

Sanjay Arora
Per Sanjay Arora
Partner
S. N. Dhawan & Co. LLP
M.No.:093754
Date: 15th June 2021
UDIN: 21093754AAAABS8799

Part-I
Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: **OIL** **Month** **Nov-20** [illegible]

S. No.	Particulars	Unit	HFO	LDO
A)	**OPENING QUANTITY**			
1	Opening Quantity of Oil	Kl.	0	5779.737
2	Value of Stock	Rs.	0.00	247559878.31
B)	**QUANTITY**			
3	Quantity of Oil supplied by Oil Company	Kl.	0.000	0.000
4	Adjustment (+/-) in quantity supplied made by Oil Company	Kl.	0.000	0.000
5	Oil supplied by Oil (3+4)	Kl.	0.000	0.000
6	Normative Transit & Handling Losses (For Coal based Projects)	Kl.	0.000	0.000
7	Net Oil Supplied (5-6)	Kl.	0.000	0.000
C)	**PRICE**			
8	Amount charged by the Oil Company	Rs.	0.00	0.00
9	Adjustment (+/-) in amount charged made by Oil Company	Rs.	0.00	0.00
10	Handling, Sampling and such other similar charges	Rs.		
11	Total amount Charged (8+9+10)	Rs.	0.00	0.00
D)	**TRANSPORTATION**	Rs.		
12	Transportation charges by rail, ship, road transport	Rs.	0.00	0.00
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.	0.00	0.00
14	Demurrage Charges, if any	Rs.	0.00	0.00
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.		
16	Total Transportation Charges (12+13+14+15)	Rs.	0.00	0.00
17	Total amount Charged for Oil supplied including Transportation (11+16)	Rs.	0.00	0.00
E)	**TOTAL COST**			
18	Landed cost of Oil (2+17)/(1+7)	Rs./ PKL	0	42832.38
19	Blending Ratio (Domestic /Imported)	%		
20	Weighted average cost of Oil	Rs./ PKL	42832.38	
F)	**QUALITY**			
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	Kcal/KL	0	9660
22	GCV of Domestic Oil supplied as per bill of Oil Company	Kcal/KL	0	0
23	GCV of Imported Oil of the opening stock as per bill Oil Company	Kcal/KL		
24	GCV of Imported Oil supplied as per bill Oil Company	Kcal/KL		
25	Weighted average GCV of Oil/ Lignite as Billed	Kcal/KL	9660	
26	GCV of Domestic Oil of the opening stock as received at Station	Kcal/KL	0	9660
27	GCV of Domestic Oil supplied as received at Station	Kcal/KL	0	0
28	GCV of Imported Oil of opening stock as received at Station	Kcal/KL		
29	GCV of Imported Oil of opening stock as received at Station	Kcal/KL		
30	Weighted average GCV of Oil/ Lignite as Received	Kcal/KL	9660	

डी० सी० अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / कार्यालय नेट पॉवर स्टेशन
NTPC Ltd Faridabad (SSC-Hydro&DBF), Faridabad
फरीदाबाद / Faridabad

दिनेश बहुगुणा
DINESH BAHUGUNA
[illegible] Manager (Finance)
[illegible] SSC-Faridabad
[illegible] NTPC Limited
[illegible] (Enterprises)
[illegible] Email-[illegible]

Sanjay Arora

Per Sanjay Arora
Partner
S. N. Dhawan & Co. LLP
M.No.:093754
Date: 15th June 2021
UDIN: 21093754AAAABS8799

Part-II
Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: OIL **Month** Dec-20 - 20

S. No.	Particulars	Unit	HFO	LDO
A)	OPENING QUANTITY			
1	Opening Quantity of Oil	KL	0	5729.037
2	Value of Stock	Rs	0.00	24538876.75
B)	QUANTITY			
3	Quantity of Oil supplied by Oil Company	KL	0.000	0.000
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.000	0.000
5	Oil Supplied by Oil (3+4)	KL	0.000	0.000
6	Normative Transit & Handling Losses (For Coal based Projects)	KL	0.000	0.000
7	Net Oil Supplied (5-6)	KL	0.000	0.000
C)	PRICE			
8	Amount charged by the Oil Company	Rs.	0.00	0.00
9	Adjustment (+/-) in amount charged made by Oil Company	Rs.	0.00	0.00
10	Handling, Sampling and such other similar charges	Rs.		
11	Total amount Charged (8+9+10)	Rs.	0.00	0.00
D)	TRANSPORTATION	Rs.		
12	Transportation charges by rail, ship, road transport	Rs.	0.00	0.00
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.	0.00	0.00
14	Demurrage Charges, if any	Rs.	0.00	0.00
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.		
16	Total Transportation Charges (12+13+14+15)	Rs.	0.00	0.00
17	Total amount Charged for Oil supplied including Transportation (11+16)	Rs.	0.00	0.00
E)	TOTAL COST			
18	Landed cost of Oil (2+17)/(1+7)	Rs / PKL	0	42432.39
19	Blending Ratio (Domestic /Imported)	%		
20	Weighted average cost of Oil	Rs / PKL	42432.39	
F)	QUALITY			
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	Kcal/KL	0	9656
22	GCV of Domestic Oil supplied as per bill of Oil Company	Kcal/KL	0	0
23	GCV of Imported Oil of the opening stock as per bill Oil Company	Kcal/KL		
24	GCV of Imported Oil supplied as perbill Oil Company	Kcal/KL		
25	Weighted average GCV of Oil/ Lignite as Billed	Kcal/KL	9656	
26	GCV of Domestic Oil of the opening stock as received at Station	Kcal/KL	0	9656
27	GCV of Domestic Oil supplied as received at Station	Kcal/KL	0	0
28	GCV of Imported Oil of opening stock as received at Station	Kcal/KL		
29	GCV of Imported Oil of opening stock as received at Station	Kcal/KL		
30	Weighted average GCV of Oil/ Lignite as Received	Kcal/KL	9656	

डी. सी. अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / कार्पोरेट वित्त लेखा
NTPC Ltd. Faridabad (SSC-Hydel&OBF), Fatehabad
फरीदाबाद / Faridabad

दिनेश बहुगुणा
DINESH BAHUGUNA
महाप्रबंधक (वित्त) General Manager (Finance)
NTPC Limited
(A Government of India Enterprise)
Village: Mujpur, PO: Badarpur, Faridabad-121004 (HR.)

Sanjay Arora
Per Sanjay Arora
Partner
S. N. Dhawan & Co. LLP
M.No.:093754
Date: 15th June 2021
UDIN: 21093754AAAABS8799

Part-I

Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges
NTPC LTD.
National Capital Thermal Power Station, Dadri Stage-II

Fuel:	OIL		Oct-21	Nov-21	Dec-21
		Month			
S. No.	Particulars	Unit	LDO	LDO	LDO
A)	OPENING QUANTITY				
1	Opening Quantity of Oil	KL	4449.967	4302.877	4188.067
2	Value of Stock	Rs.	228256700.34	220711862.79	214822796.24
B)	QUANTITY				
3	Quantity of Oil supplied by Oil Company	KL	0.000	0.000	0.000
4	Adjustment (+/-) in quantity supplied made by Oil	KL	0.000	0.000	0.000
5	Oil supplied by Oil (3+4)	KL	0.000	0.000	0.000
6	Normative Transit & Handling Losses (For Coal based	KL	0.000	0.000	0.000
7	Net Oil Supplied (5-6)	KL	0.000	0.000	0.000
C)	PRICE				
8	Amount charged by the Oil Company	Rs.	0.00	0.00	0.00
9	Adjustment (+/-) in amount charged made by Oil	Rs.	0.00	0.00	0.00
10	Handling, Sampling and such other similar charges	Rs.			
11	Total amount Charged (8+9+10)	Rs.	0.00	0.00	0.00
D)	TRANSPORTATION	Rs.			
12	Transportation charges by rail, ship, road transport	Rs.	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged made by	Rs.	0.00	0.00	0.00
14	Demurrage Charges, if any	Rs.	0.00	0.00	0.00
15	Cost of diesel in transporting coal through MGR system,	Rs.			
16	Total Transportation Charges (12+13+14+15)	Rs.	0.00	0.00	0.00
17	Total amount Charged for Oil supplied including	Rs.	0.00	0.00	0.00
E)	TOTAL COST				
18	Landed cost of Oil (2+17)/(1+7)	Rs / PKL	51294.02	51294.02	51294.02
19	Blending Ratio (Domestic /Imported)	%			
20	Weighted average cost of Oil	Rs / PKL	51294.02	51294.02	51294.02
F)	QUALITY				
21	GCV of Domestic Oil of the opening Oil stock as per bill	Kcal/KL	9665	9648	9654
22	GCV of Domestic Oil supplied as per bill of Oil Company	Kcal/KL	0	0	0
23	GCV of Imported Oil of the opening stock as per bill Oil	Kcal/KL			
24	GCV of Imported Oil supplied as perbill Oil Company	Kcal/KL			
25	Weighted average GCV of Oil/ Lignite as Billed	Kcal/KL	9665	9648	9654
26	GCV of Domestic Oil of the opening stock as received at	Kcal/KL	9665	9648	9654
27	GCV of Domestic Oil supplied as received at Station	Kcal/KL	0	0	0
28	GCV of Imported Oil of opening stock as received at	Kcal/KL			
29	GCV of Imported Oil of opening stock as received at	Kcal/KL			
30	Weighted average GCV of Oil/ Lignite as Received	Kcal/KL	9665	9648	9654
	Usage Quantity for the month (Stage-1)	KL	136.24	0	413.05

Madhana
Manager (F)

संजय सिन्हा
SANJAY SINHA
अपर महाप्रबंधक (यू.ई.सी.जी.-ईंधन)
Addl. General Manager (U.E.C.G.-Fuel)
एनटीपीसी लि., दादरी / NTPC Ltd., Dadri

Shalabh Jain

Digitally signed by Shalabh Jain
Date: 2022.06.22 13:01:48 +05'30'

Part-I

Form-15

Details/Information to be submitted in respect of Fuel for Computation of Energy Charges

NTPC LTD.

National Capital Thermal Power Station, Dadri Stage-II

Fuel: **OIL**

		Month	Oct-22	Nov-22	Dec-22
S. No.	**Particulars**	**Unit**	LDO		
A)	**OPENING QUANTITY**				
1	Opening Quantity of Oil	KL	2964.25	5741.782	5587.618
2	Value of Stock	Rs.	200206547.76	459844105.96	447497519.73
B)	**QUANTITY**				
3	Quantity of Oil supplied by Oil Company	KL	3156.450	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.000	0.00	0.00
5	Oil supplied by Oil (3+4)	KL	3156.450	0.00	0.00
6	Normative Transit & Handling Losses (For Coal based Projects)	KL	0.000	0.00	0.00
7	Net Oil Supplied (5-6)	KL	3156.450	0.00	0.00
C)	**PRICE**				
8	Amount charged by the Oil Company	Rs.	284706963.00	0.00	0.00
9	Adjustment (+/-) in amount charged made by Oil Company	Rs.	0.00	0.00	0.00
10	Handling, Sampling and such other similar charges	Rs.			
11	Total amount Charged (8+9+10)	Rs.	284706963.00	0.00	0.00
D)	**TRANSPORTATION**	Rs.			
12	Transportation charges by rail, ship, road transport	Rs.	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.	0.00	0.00	0.00
14	Demurrage Charges, if any	Rs.	0.00	0.00	0.00
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.			
16	Total Transportation Charges (12+13+14+15)	Rs.	0.00	0.00	0.00
17	Total amount Charged for Oil supplied including Transportation (11+16)	Rs.	284706963.00	0.00	0.00
E)	**TOTAL COST**				
18	Landed cost of Oil (2+17)/(1+7)	Rs / PKL	79225.17	80087.35	80087.35
19	Blending Ratio (Domestic /Imported)	%			
20	Weighted average cost of Oil	Rs / PKL		80087.35	80087.35
F)	**QUALITY**				
21	GCV of Domestic Oil of the opening Oil stock as per bill of Oil Company	Kcal/KL	9665.00	9672.00	9680.00
22	GCV of Domestic Oil supplied as per bill of Oil Company	Kcal/KL	0.00	0.00	0.00
23	GCV of Imported Oil of the opening stock as per bill Oil Company	Kcal/KL			
24	GCV of Imported Oil supplied as perbill Oil Company	Kcal/KL			
25	Weighted average GCV of Oil/ Lignite as Billed	Kcal/KL		9672.00	9680.00
26	GCV of Domestic Oil of the opening stock as received at Station	Kcal/KL	9665.00	9672.00	9680.00
27	GCV of Domestic Oil supplied as received at Station	Kcal/KL	0.00		
28	GCV of Imported Oil of opening stock as received at Station	Kcal/KL			
29	GCV of Imported Oil of opening stock as received at Station	Kcal/KL			
30	Weighted average GCV of Oil/ Lignite as Received	Kcal/KL	9665.00	9672.00	9680.00

Aradhana Digitally signed by Aradhana Date: 2023.06.13 15:11:24 +05'30'

Sanjay Sinha Digitally signed by Sanjay Sinha Date: 2023.06.13 17:19:48 +05'30'

Shalabh Jain Digitally signed by Shalabh Jain Date: 2023.07.20 14:44:12 +05'30'

Annexure-E

NATIONAL CAPITAL POWER STATION

BALANCE SHEET

(Amount in ₹)

	As at	Note	31.03.2020	31.03.2019
001	**ASSETS**		**0.00**	**0.00**
002			**0.00**	**0.00**
003	**Non-Current Assets**		**0.00**	**0.00**
004	Property, plant and equipment	2	31,044,176,346.40	32,696,352,430.97
005	Capital-Work-in-Progress	3	6,280,354,640.55	3,295,217,386.46
006	Intangible Assets	4	1,473,049,263.68	1,572,999,811.06
007	Intangible Assets under Development	5	0.00	0.00
008	Investments in Subsidiaries and Joint Ventures	6	0.00	0.00
009	**Financial Assets**		**0.00**	**0.00**
010	i) Investments	7	0.00	0.00
011	ii) Trade receivables	8	0.00	0.00
012	iii) Loans	9	208,166,578.28	170,653,267.96
013	iv) Other financial assets	10	0.00	0.00
014	Other non-current assets	11	223,228,228.43	366,102,440.35
015	**Total non-current assets**		**39,228,975,057.34**	**38,101,325,336.80**
016			**0.00**	**0.00**
017	**Current Assets**		**0.00**	**0.00**
018	Inventories	12	7,245,150,901.09	5,513,135,759.29
019	**Financial assets**		**0.00**	**0.00**
020	i) Investments	13	0.00	0.00
021	ii) Trade receivables	14	15,499,477.53	11,932,480.46
022	iii) Cash and cash equivalents	15	429,634.63	4,662,569.27
023	iv) Bank balances other than cash and cash equivalents	16	0.00	0.00
024	v) Loans	17	112,120,287.45	102,341,242.74
025	vi) Other financial assets	18	-24,260,786.68	-911,934.67
026			0.00	0.00
027	Other Current Assets	19	4,642,767,738.56	10,258,629,878.32
028			0.00	0.00
029			**0.00**	**0.00**
030	**Total Current Assets**		**11,991,707,252.58**	**15,889,789,995.41**
031	Regulatory deferral account debit balances	20	413,697,186.74	399,260,426.26
032	**TOTAL ASSETS**		**51,634,379,496.66**	**54,390,375,758.47**
034	**EQUITY AND LIABILITIES**		**0.00**	**0.00**
035	**Equity**		**0.00**	**0.00**
036	Equity Share capital	21	0.00	0.00
037	Other equity	22	126,260,268,393.24	118,365,802,215.49
040	**Total equity**		**126,260,268,393.24**	**118,365,802,215.49**
041			0.00	0.00
042	**Liabilities**		**0.00**	**0.00**
043	**Non-Current Liabilities**		**0.00**	**0.00**
044	**Financial liabilities**		**0.00**	**0.00**
045	i) Borrowings	23	0.00	0.00
046	**ii) Trade payables**		**0.00**	**0.00**
047	- Total outstanding dues of micro and small enterprises	24	4,983,895.09	3,959,449.12
048	- Total outstanding dues of creditors other than micro	24	3,756,280.37	6,587,886.94

एनटीपीसी NTPC
A Maharatna Company

NATIONAL CAPITAL POWER STATION

BALANCE SHEET

(Amount in ₹)

	As at	Note	31.03.2020	31.03.2019
046	**ii) Trade payables**		0.00	0.00
047	- Total outstanding dues of micro and small enterprises	24	4,983,895.09	3,959,449.12
048	- Total outstanding dues of creditors other than micro and small enterprises	24	3,756,280.37	6,587,886.94
049	iii) Other financial liabilities	25	794,777.24	2,746,492.35
050	Provisions	26	0.00	0.00
051	Deferred Tax Liabilities (net)	27	0.00	0.00
052	Other non-current liabilities	28	0.00	0.00
053			0.00	0.00
054	**Total non-current liabilities**		9,534,952.70	13,293,828.41
055			0.00	0.00
056	**Current Liabilities**		0.00	0.00
057	**Financial liabilities**		0.00	0.00
058	i) Borrowings	29	0.00	0.00
059	**ii) Trade Payables**		0.00	0.00
060	- Total outstanding dues of micro and small enterprises	30	135,458,742.19	140,415,263.91
061	- Total outstanding dues of creditors other than micro and small enterprises	30	3,111,241,777.42	5,411,551,368.32
062	iii) Other financial liabilities	31	3,147,245,192.43	2,258,483,205.96
063	Other current liabilities	32	136,137,196.70	59,075,550.10
064	Provisions	33	23,945,068.00	23,100,354.06
065	Current tax liabilities (net)	34	0.00	0.00
066			0.00	0.00
067	**Sub Total**		6,554,027,976.74	7,892,625,742.35
068			0.00	0.00
069	Deferred Revenue	35	149,915,000.00	171,191,000.00
070	Regulatory deferral account credit balances	36	0.00	0.00
071	Inter Unit Accounts		-81,339,366,826.02	-72,052,537,027.78
072			0.00	0.00
073	**TOTAL EQUITY AND LIABILITIES**		51,634,379,496.66	54,390,375,758.47
074	Significant Accounting Policies as per Note 1	1	0.00	0.00
075			0.00	0.00
076	The accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00
077			0.00	0.00
078			0.00	0.00

(Auditor Initial & Stamp) (Head of Finance) (Head of Unit)

ब्रजेश कुमार गर्ग
BRIJESH KUMAR GARG
महाप्रबंधक (वित्त)
General Manager (Finance)
DGM HO, Hydro-HO & In-charge SSC-Finance
NTPC Limited

अपूर्व कुमार दास
APURBA KUMAR DAS
कार्यपालक निदेशक / Executive Director
एनटीपीसी-दादरी / NTPC-Dadri

NATIONAL CAPITAL POWER STATION

STATEMENT OF PROFIT AND LOSS

(Amount in ₹)

	For the Year ended	Note	31.03.2020	31.03.2019
001	**Revenue**		**0.00**	**0.00**
002	Revenue from operations	37	44,327,747,306.67	51,762,850,179.53
003	Other income	38	299,556,038.62	673,081,914.31
005	**Total Revenue**		**44,627,303,345.29**	**52,435,932,093.84**
007	**Expenses**		**0.00**	**0.00**
008	Fuel including cost of captive coal	38A	28,195,384,334.24	35,296,552,678.34
009	Employee benefits expense	39	2,271,928,606.51	2,300,349,328.43
010	Electricity Purchased		0.00	0.00
011	Finance costs	40	929,663,026.44	1,165,201,088.50
012	Depreciation, amortization and impairment expense	41	3,241,839,841.93	2,871,014,376.97
013			0.00	0.00
014	Other expenses	42	1,842,853,303.85	1,787,884,214.12
015	CC expenses charge to revenue		660,426,313.09	531,625,065.28
016	Less: Unit expenses transferred to CC		0.00	0.00
017	**Total expenses**		**37,142,095,426.06**	**43,952,626,751.64**
020	**Profit before exceptional items & tax**		**7,485,207,919.23**	**8,483,305,342.20**
021	Exceptional items		0.00	0.00
024	**Profit before tax**		**7,485,207,919.23**	**8,483,305,342.20**
027	**Tax expense:**		**0.00**	**0.00**
028	Current tax		0.00	0.00
029	Deferred tax		0.00	0.00
030			0.00	0.00
031	**Total Tax expense**		**0.00**	**0.00**
032	**Profit for the period before regulatory deferral account balances**		**7,485,207,919.23**	**8,483,305,342.20**
033	**Movement in regulatory deferral account balances**		**0.00**	**0.00**
034	Regulatory deferred account - deferred		0.00	0.00
035	Others		14,436,760.48	71,725,930.48
036	Tax impact on Regulatory deferral account balances		0.00	0.00
037	**Movement in Regulatory deferrall account balances (Net of Tax)**		**14,436,760.48**	**71,725,930.48**
038	**Profit for the period/ year**		**7,499,644,679.71**	**8,555,031,272.68**
039	**Other comprehensive income**		**0.00**	**0.00**
040	**(A) Items that will not be reclassified to profit or loss**		**0.00**	**0.00**
041	- Net gains/(losses) on fair value of equity instruments through other comprehensive income		0.00	0.00
042	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
043	- Net acturial gains/(losses) on defined benefit plans		-75,629,032.73	-2,813,039.02
044	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
048			0.00	0.00
049	**Other comprehensive income for the year, net of income tax**		**-75,629,032.73**	**-2,813,039.02**
050			0.00	0.00
051	**Total Comprehensive Income for the year**		**7,424,015,646.98**	**8,552,218,233.66**
065			0.00	0.00

एनटीपीसी NTPC
A Maharatna Company

NATIONAL CAPITAL POWER STATION
STATEMENT OF PROFIT AND LOSS

(Amount in ₹)

	For the Year ended	Note	31.03.2020	31.03.2019
	reclassified to profit or loss			
048			0.00	0.00
049	**Other comprehensive income for the year, net of income tax**		-75,629,032.73	-2,813,039.02
050			0.00	0.00
051	**Total Comprehensive Income for the year**		7,424,015,646.98	8,552,218,233.66
065			0.00	0.00
066	**Earnings per equity share:**		0.00	0.00
067	Basic & Diluted		0.00	0.00
068	Significant Accounting Policies		0.00	0.00
069	Expenditure during construction period (Net)/Dev. of coal mines (net) 43 /43A		0.00	0.00
070	The accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00

(Auditor Initial & Stamp) (Head of Finance) (Head of Unit)

एनटीपीसी NTPC
बृजेश कुमार गर्ग
BRIJESH KUMAR GARG
महाप्रबंधक (वित्त)
General Manager Finance)
CBF-HQ, Hydro-HQ & In-charge SSC Finance
NTPC Limited
(Maharashtra Hydro Projects)
Village : Mandi, PO. Tuvarka, Kandivali 127014 (HP)

अपूर्व कुमार दास
APURBA KUMAR DAS
कार्यकारी निदेशक / Executive Director
एनटीपीसी-दादरी / NTPC-Dadri

Locked: 23.05.2020 - 21:44:23

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2020	Opening Depreciation As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2020	Net Block As At 31.03.2020	Net Block As At 31.03.2019
1 TANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 Land : (including development expenses)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 Freehold	1726630466.23	0.00	7173497.48	1733803963.71	0.00	0.00	0.00	0.00	1733803963.71	1726630466.23
4 Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5 Submergence	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 CBA Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7 Roads,bridges, culverts & helipads	361406320.77	0.00	37428.00	361443748.77	69830204.00	14657066.24	0.00	84487270.24	276956478.53	291576116.77
8 Building :	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Main plant	3155929131.51	4672919.13	(4672919.13)	3155929131.51	524740066.53	121057394.93	(156075.50)	645641385.96	2510287745.55	2631189064.98
11 Others	780340322.08	0.00	6927258.85	787267580.93	170890786.11	29239108.31	156075.50	200285969.92	586981611.01	609449535.97
12 Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 Temporary erection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14 Water Supply, drainage & sewerage system	106696042.24	47823971.48	0.00	154520013.72	29471630.88	7555747.77	0.00	37027378.65	117492635.07	77224411.36
15 Hydraulic works, barrages, dams, tunnels and power channel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16 MGR track and signalling system	93189487.30	0.00	0.00	93189487.30	20519652.78	4090425.40	0.00	24610078.18	68579409.12	72669834.52
17 Railway siding	709797802.41	0.00	0.00	709797802.41	230239302.47	42994026.91	0.00	273233329.38	436564473.03	479558499.94
18 Earth dam reservoir	400144447.04	0.00	0.00	400144447.04	54579702.57	21127626.80	0.00	75707329.37	324437117.67	345564744.47
19 Plant and machinery(including associated civil works) Owned Asset	36660606698.15	1196712857.93	(44017165.31)	37813302390.77	10661135679.07	3036779367.62	(431237731.08)	13266677315.61	24546625075.16	25999471019.08

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2020	Opening Depreciation As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2020	Net Block As At 31.03.2020	Net Block As At 31.03.2019
20 Plant and machinery(including associated civil works) -Right of use Asset	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 Furniture and fixtures	193069413.84	6155922.00	1495048.99	200720384.83	50528625.86	19929765.40	184087.13	70642478.39	130077906.44	142540787.98
22 Assets under 5 Km Scheme	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 Vehicles - Owned	1351481.68	0.00	(351373.19)	1000108.49	787981.79	24619.75	(193276.65)	619324.89	380783.60	563499.89
24 Vehicles - Leased	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Office equipment	85423995.77	19554933.47	(1294065.61)	103684863.63	37374933.24	16136070.75	(476329.90)	53034674.09	50650189.54	48049062.53
26 EDP, WP machines and satcom equipment	69383313.25	2356254.63	(6424418.04)	65315149.84	54861309.22	6067422.15	(6295781.71)	54632949.66	10682200.18	14522004.03
27 Construction equipments	129378476.72	11467372.43	0.00	140845849.15	54481920.89	10304586.18	0.00	64786507.07	76059342.08	74896555.83
28 Electrical Installations	194594018.22	16135952.00	(4796141.47)	205933828.75	46679245.82	20263439.83	(1391421.57)	65551264.08	140382564.67	147914772.40
29 Communication equipments	29035063.06	592311.00	0.00	29627374.06	14102006.52	2180027.54	0.00	16282034.06	13345340.00	14933056.54
30 Hospital equipments	17912970.79	389683.99	(963190.47)	17339464.31	4102595.84	1003102.90	(224250.17)	4881448.57	12458015.74	13810374.95
31 Laboratory and workshop equipments	6856918.14	3091018.00	252.24	9948188.38	1068294.64	468398.44	0.00	1536693.08	8411495.30	5788623.50
32 Capital expenditure on assets not owned by the Company	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 Assets of Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34 Less:Grants from Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2020	Opening Depreciation As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2020	Net Block As At 31.03.2020	Net Block As At 31.03.2019
35 Less: Recoverable from GOI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36 Assets for ash utilisation	130091933.00	29202797.39	0.00	159294730.39	0.00	0.00	0.00	0.00	159294730.39	130091933.00
37 (Less):-Adjusted from fly ash utilisation reserve fund	130091933.00	29202797.39	0.00	159294730.39	0.00	0.00	0.00	0.00	159294730.39	130091933.00
38 Site Restoration Cost	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39 Mining Properties	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total (Tangible)	44721746369.20	1308953196.06	(46885787.66)	45983813777.60	12025393938.23	3353878196.92	(439634703.95)	14939637431.20	31044176346.40	32696352430.97
Grand Total Prev Year (Tangible)	43976747213.93	709149873.54	35849281.73	44721746369.20	9058633943.48	3000332233.33	(33572238.58)	12025393938.23	32696352430.97	34918113270.45

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	**Gross Block**		**Depreciation/Amortization**	
	Tangible As At: 31.03.2020	**Tangible As At: 31.03.2019**	**Tangible As At: 31.03.2020**	**Tangible As At: 31.03.2019**
Disposal of assets	(4345202.09)	(3998946.92)	(4345202.09)	(3656134.18)
Retirement of assets	(479955025.29)	(133852005.38)	(432886250.32)	(22793722.72)
Cost adjustments	440447512.52	177361673.52	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	(3033072.80)	(3661439.49)	(2403251.54)	(7122381.68)
Others	0.00	0.00	0.00	0.00
TOTAL	**(46885787.66)**	**35849281.73**	**(439634703.95)**	**(33572238.58)**

Note forming part of Balance Sheet
Note 3: Capital-Work-in-Progress
Business Area: NATIONAL CAPITAL POWER STATION

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2019	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2020
	1	2	3	4	5	6
1	CAPITAL WORK-IN-PROGRESS					
2	Development of land					
3	Roads, bridges, culverts & helipads	15746841.01	3253519.63	(2948012.88)	16052347.76	
4	Piling and foundation					
5	Buildings :					
6	Main plant	7543137.00		(7543137.00)		
7	Others	1360159.83	931607.89	(2291767.72)		
8	Temporary erection					
9	Water supply, drainage and sewerage system	16730400.15	32404344.58	(1310773.25)	47823971.48	
10	Hydraulic works, barrages, dams, tunnels and power channel					
11	MGR track and signalling system					
12	Railway siding					
13	Earth dam reservoir		3771196.00			3771196.00
14	Plant and equipment	2795854911.07	4604598066.79	(625857147.07)	850322507.30	5924273323.49
15	Furniture and fixtures	10023062.81	2062890.00	(5478016.78)	5877136.00	730800.03
16	Vehicles					
17	Office equipment	5811880.00		(3591875.00)	2220005.00	
18	EDP/WP machines & satcom equipment					
19	Construction equipments					
20	Electrical installations					
21	Communication equipment					
22	Hospital equipments					
23	Laboratory and workshop equipments					
24	Assets under 5Km Scheme of the GOI					
25	Capital expenditure on assets not owned by the company					
26	Expenditure towards development of coal mines					
27	Survey,Investigation,Consultancy & Supervision Cha					
28	Difference in exchange on foreign currency loans					

Note forming part of Balance Sheet
Note 3: Capital-Work-in-Progress
Business Area: NATIONAL CAPITAL POWER STATION

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2019	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2020
	1	2	3	4	5	6
29	Expenditure towards diversion of forest land					
30	Pre-commissioning expenses (net)					
31	ExpPendAlloca-oth ex attribut Project					
32	Expenditure During Construction Period (net)*		103466522.44	(4316186.00)		99150336.44
33	LESS : Allocated to related works		99150336.44			99150336.44
34	LESS : Provision for Unservicable works					
35	**Construction stores (At Cost)**					
36	Steel	11154817.11		(1642568.98)		9512248.13
37	Cement	5281717.12		(3029811.23)		2251905.89
38	Others	425710460.36	38179954.77	(124075248.12)		339815167.01
39	**Sub-total**	**442146994.59**	**38179954.77**	**(128747628.33)**		**351579321.03**
40	LESS : Provision for shortages					
41	**Sub-total**	**442146994.59**	**38179954.77**	**(128747628.33)**		**351579321.03**
42	**Total CWIP**	**3295217386.46**	**4689517765.66**	**(782084544.03)**	**922295967.54**	**6280354640.55**
43						
44						
45	**PREVIOUS YEAR TOTAL**	**1405296293.67**	**2262259172.05**	**(165994318.25)**	**412306419.94**	**3295217386.46**

Note forming part of Balance Sheet
Note-4 Non Current Assets- Intangible Assets
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2020	Opening Depreciation As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2020	Net Block As At 31.03.2020	Net Block As At 31.03.2019
INTANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1 Right of Use- Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 -Others	1971860852.66	0.00	0.00	1971860852.66	398991722.28	99864706.70	0.00	498856428.98	1473004423.68	1572869130.38
3 -Software	1695972.83	0.00	0.00	1695972.83	1565292.15	85840.68	0.00	1651132.83	44840.00	130680.68
Grand Total (Intangible)	1973556825.49	0.00	0.00	1973556825.49	400557014.43	99950547.38	0.00	500507561.81	1473049263.68	1572999811.06
Grand Total Prev Year (Intangible)	1970863865.49	84960.00	2608000.00	1973556825.49	300328678.45	100228335.98	0.00	400557014.43	1572999811.06	1670535187.04

Note forming part of Balance Sheet
Note-4 Non Current Assets- Intangible Assets
Business Area :1011

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	**Gross Block**		**Depreciation/Amortization**	
	InTangible As At: 31.03.2020	**InTangible As At: 31.03.2019**	**InTangible As At: 31.03.2020**	**InTangible As At: 31.03.2019**
Disposal of assets	0.00	0.00	0.00	0.00
Retirement of assets	0.00	0.00	0.00	0.00
Cost adjustments	0.00	2608000.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	0.00	0.00	0.00	0.00
Others	0.00	0.00	0.00	0.00
TOTAL	**0.00**	**2608000.00**	**0.00**	**0.00**

Note forming part of Balance Sheet
Note 5: Intangible Assets under Development
Business Area: NATIONAL CAPITAL POWER STATION

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2019	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2020
	1	2	3	4	5	6
1	INTANGIBLE ASSETS UNDER DEVELOPMENT					
2	Software					
3	Right to use Others					
4	Exploration and Evaluation Expentiture - Coal Mini					
5	Exploratory wells-in-progress					
6	**Less: Provision for exploratory wells-in-progress**					
7	**Total**					
8	**PREVIOUS YEAR TOTAL-I**					

NATIONAL CAPITAL POWER STATION

NOTE NO. 6 TO THE FS-NCA-INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2020	31.03.2019
001	**NON CURRENT INVESTMENTS-Investments in subsidiaries and joint ventures**			**0.00**	**0.00**
012	**Equity Instruments - Unquoted-(fully paid up unless otherwise stated, at cost)**			**0.00**	**0.00**
013	**Subsidiary Companies**			**0.00**	**0.00**
014	Patratu Vidyut Utpadan Nigam Ltd.			0.00	0.00
015	NTPC Electric Supply Company Ltd.			0.00	0.00
016	NTPC Vidyut Vyapar Nigam Ltd.			0.00	0.00
017	Nabinagar Power Generating Company Ltd.			0.00	0.00
018	Kanti Bijlee Utpadan Nigam Ltd.			0.00	0.00
019	Bhartiya Rail Bijlee Company Ltd.			0.00	0.00
020	NTPC Mining Ltd (NML)			0.00	0.00
021	THDC India Ltd.			0.00	0.00
022	NEEPCO LTD.			0.00	0.00
023				0.00	0.00
024				0.00	0.00
025				0.00	0.00
026				0.00	0.00
027				0.00	0.00
028				0.00	0.00
029				0.00	0.00
030	**Sub Total**			**0.00**	**0.00**
055	**Joint Venture Companies**			**0.00**	**0.00**
056	Utility Powertech Ltd.			0.00	0.00
057	NTPC GE Power Services Pvt.Ltd.			0.00	0.00
058	NTPC-SAIL Power Company Ltd.			0.00	0.00
059	NTPC-Tamil Nadu Energy Company Ltd.			0.00	0.00
060	Ratnagiri Gas & Power Pvt. Limited (RGPPL)			0.00	0.00

NOTE NO. 6 TO THE FS-NCA-INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2020	31.03.2019
061	Aravali Power Company Private Ltd.			0.00	0.00
062				0.00	0.00
063	NTPC BHEL Power Projects Private Ltd.			0.00	0.00
064	Meja Urja Nigam Private Limited			0.00	0.00
065	BF-NTPC Energy Systems Ltd.			0.00	0.00
066				0.00	0.00
067	Nabinagar Power Generating Company Ltd.			0.00	0.00
068	Transformer and Electrical Kerala Ltd.			0.00	0.00
069	National High Power Test Labortory Private Ltd.			0.00	0.00
070				0.00	0.00
071	CIL NTPC Urja Private Ltd.			0.00	0.00
072	Anushakti Vidhyut Nigam Ltd.			0.00	0.00
073	Energy Efficiency Services Ltd.			0.00	0.00
074				0.00	0.00
075	Trincomalee Power Company Ltd.			0.00	0.00
076	Bangladesh-India Friendship Power Company (Pvt.) Ltd.			0.00	0.00
077	Hindustan Urvarak & Rasayan Limited			0.00	0.00
078	Konkan LNG Pvt. Ltd			0.00	0.00
079				0.00	0.00
081	**Sub Total**			**0.00**	**0.00**
109	Aggregate amount of impairment in the value of investments			0.00	0.00
110				0.00	0.00
111				0.00	0.00
134	Total			0.00	0.00
135	Details of Investments			0.00	0.00
136	Aggregate amount of Unquoted Investments			0.00	0.00

NOTE NO. 6 TO THE FS-NCA-INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2020	31.03.2019
141				0.00	0.00
142				0.00	0.00
143				0.00	0.00
144				0.00	0.00
145				0.00	0.00
153	Valuation of Investments as per Note 1.			0.00	0.00
154				0.00	0.00
202				0.00	0.00
233				0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 7 TO THE FS-NCA-INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2020	31.03.2019
001	Non-current financial assets (investments)			0.00	0.00
006	**Long Term - Trade**			**0.00**	**0.00**
007	**Equity Instruments (fully paid up-unless otherwise stated)**			**0.00**	**0.00**
008	**Quoted**			**0.00**	**0.00**
009	**Joint Venture Companies**			**0.00**	**0.00**
010	PTC India Ltd.			0.00	0.00
070	International Coal Ventures Private Ltd.			0.00	0.00
075	BF-NTPC Energy Systems Ltd.			0.00	0.00
098				0.00	0.00
110	Cooperative Societies			0.00	0.00
111	**Sub Total**			**0.00**	**0.00**
112	Aggregate amount of impairment in the value of investments			0.00	0.00
115	**Total**			**0.00**	**0.00**
120				0.00	0.00
146	NTPC Employees Consumers and Thrift Co-operative Society Ltd. Korba			0.00	0.00
147	NTPC Employees Consumers and Thrift Cooperative Society Ltd. RSTPP			0.00	0.00
148	NTPC Employees Consumers Cooperative Society Ltd. Farakka			0.00	0.00
149	NTPC Employees Consumers Cooperative Society Ltd. Vindhyachal			0.00	0.00
150	NTPC Employees Consumers Cooperative Society Ltd. Anta			0.00	0.00
151	NTPC Employees Consumers Cooperative Society Ltd. Kawas			0.00	0.00
152	NTPC Employees Consumers Cooperative Society Ltd. Kaniha			0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 8 TO THE FS-NCA-TRADE RECEIVABLES **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	Non-current financial assets - Trade receivables	0.00	0.00
002	Unsecured, considered good	0.00	0.00
003	With significant increase in Credit Risk	0.00	0.00
004	Credit impaired	0.00	0.00
005		0.00	0.00
006	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 9 TO THE FS-NCA-LOANS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**Loans (Non Current)**	**0.00**	**0.00**
004	Related Parties	0.00	0.00
005	Secured	0.00	0.00
006	Un-Secured	0.00	0.00
007	With significant increase in Credit Risk	0.00	0.00
008	Credit impaired	0.00	0.00
009		0.00	0.00
010	Employees(including accrued interest)	0.00	0.00
011	Secured	166,524,678.96	154,035,615.90
012	Unsecured	112,461,930.09	77,581,607.26
013	With significant increase in Credit Risk	0.00	0.00
014	Credit impaired	0.00	0.00
015	Less : Employee Loans Discounting	0.00	0.00
016	Secured	47,492,789.94	47,169,874.96
017	Unsecured	23,327,240.83	13,794,080.24
018	Loan to State Government in settlement of dues from customers (Unsecured)	0.00	0.00
019	Others	0.00	0.00
020	Secured	0.00	0.00
021	Unsecured	0.00	0.00
022	With significant increase in Credit Risk	0.00	0.00
023	Credit impaired	0.00	0.00
024	Less: Allowance for credit impaired loans	0.00	0.00
025	**Sub Total**	**208,166,578.28**	**170,653,267.96**
026		0.00	0.00
027	**Total**	**208,166,578.28**	**170,653,267.96**
028		0.00	0.00
029		0.00	0.00
030	**Due from Directors and Officers of the Company**	**0.00**	**0.00**
031	Directors	0.00	0.00
032	Officers	0.00	0.00
033		**0.00**	**0.00**
034	**Loans to related parties include:**	**0.00**	**0.00**
035	i)Key management personel	0.00	0.00
036	ii)Subsidiary companies	0.00	0.00
037	iii)Joint Venture companies	0.00	0.00
038	iv)Others	0.00	0.00
039		**0.00**	**0.00**
054	Other loans represent loans given to	0.00	0.00
055	a) APIIC	0.00	0.00
060		0.00	0.00
061	RPD	0.00	0.00
062	i)Key management personel	0.00	0.00
063	ii)Subsidiary companies	0.00	0.00
064	iii)Joint Venture companies	0.00	0.00
065	iv)Others	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 9 TO THE FS-NCA-LOANS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
066	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 10 TO THE FS-NCA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**Other Financial Assets (non current)**	**0.00**	**0.00**
002		0.00	0.00
003	**Share application money pending allotment in (Subsidiary Companies) :**	**0.00**	**0.00**
004	NTPC Electric Supply Company Ltd.	0.00	0.00
005	NTPC Vidyut Vyapar Nigam Ltd.	0.00	0.00
006	Nabinagar Power Generating Company Ltd.	0.00	0.00
007	Kanti Bijlee Utpadan Nigam Ltd.	0.00	0.00
008	Bhartiya Rail Bijlee Company Ltd.	0.00	0.00
009	Patratu Vidyut Utpadan Nigam Ltd.	0.00	0.00
010	NTPC Mining Limited	0.00	0.00
011	THDC Ltd.	0.00	0.00
012	NEEPCO Ltd	0.00	0.00
013		0.00	0.00
014	**Total**	**0.00**	**0.00**
015	**Share application money pending allotment (Joint Venture)**	**0.00**	**0.00**
016	Utility Powertech Ltd.	0.00	0.00
017	NTPC GE Power Services Pvt.Ltd.	0.00	0.00
018	NTPC-SAIL Power Company Ltd.	0.00	0.00
019	NTPC-Tamil Nadu Energy Company Ltd.	0.00	0.00
020	Ratnagiri Gas & Power Private Ltd.	0.00	0.00
021	Aravali Power Company Private Ltd.	0.00	0.00
022		0.00	0.00
023	NTPC BHEL Power Projects Private Ltd.	0.00	0.00
024	Meja Urja Nigam Private Limited	0.00	0.00
025	BF-NTPC Energy Systems Ltd.	0.00	0.00
026	Anushakti Vidhyut Nigam Ltd.	0.00	0.00
027	Nabinagar Power Generating Company Ltd.	0.00	0.00
028	Energy Efficiency Services Ltd.	0.00	0.00
029	National High Power Test Labortory Private Ltd.	0.00	0.00
030		0.00	0.00
031	CIL NTPC Urja Private Ltd.	0.00	0.00
032	Trincomalee Power Company Ltd.	0.00	0.00
033	Hindustan Urvarak & Rasayan Limited	0.00	0.00
034	Bangladesh-India Friendship Power Company Private Ltd.	0.00	0.00
035	**Sub Total**	**0.00**	**0.00**
036		0.00	0.00
037	Claims Recoverable	0.00	0.00
038	Finance Lease Recoverable	0.00	0.00
039	Mine Closure Deposit	0.00	0.00
040		0.00	0.00
041	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**Other Non-current Assets**	**0.00**	**0.00**
002		**0.00**	**0.00**
003	**CAPITAL ADVANCES**	**0.00**	**0.00**
004	Secured	0.00	0.00
005	Unsecured	0.00	0.00
006	Covered by Bank Guarantee	46,873,388.93	210,658,508.81
007	Others	111,473,136.87	64,561,794.05
008	Considered doubtful	18,594,445.00	18,594,445.00
009	Less: Allowance for bad & doubtful advances	18,594,445.00	18,594,445.00
010	**Sub-Total**	**158,346,525.80**	**275,220,302.86**
011		0.00	0.00
012	Advances other than capital advances	0.00	0.00
013	Security deposits	0.00	0.00
019	Advances to Related parties	0.00	0.00
022	**Advances to Contractors & Suppliers**	**0.00**	**0.00**
023	Secured	0.00	0.00
024	Unsecured	0.00	0.00
025	Considered Doubtful	0.00	0.00
026	Less: Allowance for bad & doubtful advances	0.00	0.00
027	**Sub Total**	**0.00**	**0.00**
039	Advance tax & tax deducted at source	3,039,981.50	1,927,429.10
040	Less:- Provision for current tax	0.00	0.00
041		0.00	0.00
042	**Sub Total**	**3,039,981.50**	**1,927,429.10**
043	Deferred Payroll Expenses (Secured)	42,070,822.03	42,432,346.81
044	Deferred Payroll Expenses (Unsecured)	19,769,899.10	10,657,361.58
045	**Sub Total**	**61,840,721.13**	**53,089,708.39**
046	Deferred Foreign Currency Fluctuation Asset	1,000.00	35,865,000.00
048	**Total**	**223,228,228.43**	**366,102,440.35**
049		0.00	0.00
050		0.00	0.00
061	Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
063		0.00	0.00
064	NTPC GE Power Services Pvt.Ltd.	0.00	0.00
065		0.00	0.00
066	Ratnagiri Gas & Power Private Ltd.	0.00	0.00
067	Aravali Power Company Private Ltd.	0.00	0.00
068	NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00
069	NTPC BHEL Power Projects Private Ltd.	0.00	0.00
070	Meja Urja Nigam Private Limited	0.00	0.00
071	Nabinagar Power Generating Company Ltd.	0.00	0.00
072	National High Power Test Labortory Private Ltd.	0.00	0.00
074	CIL NTPC Urja Private Ltd.	0.00	0.00
076		0.00	0.00
077	**Related Party (Adv)**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
078	Key Management personel	0.00	0.00
079	Subsidiary companies	0.00	0.00
080	Joint Venture companies	0.00	0.00
081	Contractors	0.00	0.00
082	Others	0.00	0.00
084		0.00	0.00
085	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 12 TO THE FS-CA-INVENTORIES **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**INVENTORIES**	**0.00**	**0.00**
002		**0.00**	**0.00**
003	Coal	5,257,284,514.07	3,558,642,146.80
004	Fuel oil	361,938,902.63	331,221,537.49
005	Naphtha	0.00	0.00
006	Stores and spares	1,349,309,221.77	1,357,030,160.17
007	Chemicals & consumables	102,382,585.31	93,397,868.78
008	Loose tools	6,026,768.72	5,671,227.37
009	Steel Scrap	2,266,913.48	2,134,757.76
010	Others*	372,478,768.79	354,390,234.87
011	**Sub Total**	**7,451,687,674.77**	**5,702,487,933.24**
012	Less: Provision for shortages	147,249,894.69	117,113,950.60
013	Less: Provision for obsolete/ unservicable/dimunition in value of surplus inventory	59,286,878.99	72,238,223.35
014		0.00	0.00
015	**Total**	**7,245,150,901.09**	**5,513,135,759.29**
016	**Inventories include material in transit**	**0.00**	**0.00**
017	Coal	313,273,179.32	303,340,683.29
018	Fuel oil	0.00	0.00
019	Naphtha	0.00	0.00
020	Stores and spares	2,714,030.16	11,464,015.44
021	Chemicals & consumables	1,734,671.60	1,712,371.36
022	Loose tools	0.00	0.00
023	Others	1,317,900.11	111,504.07
024		**0.00**	**0.00**
025	Inventory items other than steel scrap have been valued considering Note 1. Steel scrap has been valued at estimated realisable value.	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 13 TO THE FS-CA-INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2020	31.03.2019
001	**CURRENT INVESTMENTS**			**0.00**	**0.00**
002	**(Valuation as per Note 1)**			**0.00**	**0.00**
003				0.00	0.00
033	Investment in Mutual Funds (Details as under)			0.00	0.00
034	SBI-Magnum Insta Cash Fund-DDR			0.00	0.00
035	SBI Premier Liquid Fund Super-IP-DDR			0.00	0.00
036	SBI-SHF Ultra Short Term Fund-IP-DDR			0.00	0.00
037	UTI Money Market- IP-Direct-Growth			0.00	0.00
038	IDBI-Liquid plan- Direct-Growth			0.00	0.00
039	Canara Robeco Liquid Fund Super-IP-DDR			0.00	0.00
040	Canara Robeco Treasury Advantage Fund Super-IP-DDR			0.00	0.00
041	IDBI Liquid Fund-DDR			0.00	0.00
042	SBI Premier Liquid fund-Direct DDR (Ash Fund)			0.00	0.00
043	UTI Liquid CashPlan - IP - DDR (Ash Funds)			0.00	0.00
044	IDBI Liquid Fund - DDR - (Ash Funds)			0.00	0.00
045				0.00	0.00
046	**Sub Total**			**0.00**	**0.00**
047				**0.00**	**0.00**
052	**Unquoted Investments**			**0.00**	**0.00**
054				0.00	0.00
066	**TOTAL**			**0.00**	**0.00**
067				0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 14 TO THE FS-CA-TRADE RECEIVABLES **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**TRADE RECEIVABLES (current)***	**0.00**	**0.00**
002		0.00	0.00
003	Secured,Considered Good	0.00	0.00
004	Unsecured , considered good	15,499,477.53	11,932,480.46
005	With significant increase in Credit Risk	0.00	0.00
006	Credit impaired	0.00	0.00
007	**Sub-Total**	**15,499,477.53**	**11,932,480.46**
008	**Total**	**15,499,477.53**	**11,932,480.46**
009	Less: Allowance for credit impaired receivables	0.00	0.00
010	**Total**	**15,499,477.53**	**11,932,480.46**
011		**0.00**	**0.00**
013	* After adjustment for Unbilled Revenue	0.00	0.00
014	Long-term trade receivables	0.00	0.00
015		0.00	0.00
016		**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 15 TO THE FS-CA-CASH AND CASH EQUIVALENTS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**CASH & BANK BALANCES**	**0.00**	**0.00**
002	**Cash & Cash Equivalents**	**0.00**	**0.00**
003	Balances with Banks	271,992.63	2,677,395.27
004	Cheques & Drafts on hand	0.00	1,751,256.00
005	Cash on hand	0.00	0.00
006	Others (stamps in hand)	157,642.00	233,918.00
007	Bank deposits with original maturity upto three months	0.00	0.00
008	Balances with RBI	0.00	0.00
009		0.00	0.00
010	**Total**	**429,634.63**	**4,662,569.27**

NATIONAL CAPITAL POWER STATION

NOTE NO. 16 TO THE FS-CA-BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**Other Bank Balances**	**0.00**	**0.00**
002	Deposits with original maturity of more than three months but not more than twelve months	0.00	0.00
003	Earmarked balances with banks*	0.00	0.00
004	**SubTotal**	**0.00**	**0.00**
005	Interest accrued on deposits	0.00	0.00
006		0.00	0.00
007	**Total**	**0.00**	**0.00**
008		0.00	0.00
009	**Earmarked balances with banks consist of :**	**0.00**	**0.00**
010	Unpaid dividend account balance	0.00	0.00
011	Towards public deposit repayment reserve	0.00	0.00
012	Towards redemption of bonds due for repayment within one year	0.00	0.00
013	Security with Government/other authorities	0.00	0.00
014	Unpaid refund/interest account balance - Tax free bonds/ Bonus Debentures	0.00	0.00
015	Earmarked for RGGVY/DDUGJY/SAUBHAGYA Fund	0.00	0.00
016	Earmarked for Flyash Utilisation Reserve Fund	0.00	0.00
017	Deposits with original maturity upto three months as per court orders	0.00	0.00
018	Payment Security Scheme of MNRE NSM (NTPC)	0.00	0.00
019	Payment Security Scheme of MNRE NSM (NVVN)	0.00	0.00
020	Enforcement Directorate of Solar Plant(NVVN)	0.00	0.00
021	Bank guarantee Fund of MNRE (NVVN)	0.00	0.00
022	Others	0.00	0.00
023		0.00	0.00
024	**Total**	**0.00**	**0.00**
025		0.00	0.00
026	Bank deposits with original maturity of less than three months- other than earmarked	0.00	0.00
027	Bank deposits with original maturity of more than three months but not more than twelve months- other than earmarked	0.00	0.00
028	Earmarked bank balances (current account)	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 17 TO THE FS-CA-LOANS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**Current financial assets - Loans**	**0.00**	**0.00**
002	**Loans (current)-including interest accrued**	**0.00**	**0.00**
004	**Related Parties**	**0.00**	**0.00**
005	Secured	0.00	0.00
006	Un-Secured	0.00	0.00
007	With significant increase in Credit Risk	0.00	0.00
008	Credit impaired	0.00	0.00
009		**0.00**	**0.00**
010	**Employees**	**0.00**	**0.00**
011	Secured	39,134,434.46	33,539,594.59
012	Unsecured	72,985,852.99	68,801,648.15
013	With significant increase in Credit Risk	0.00	0.00
014	Credit impaired	0.00	0.00
015	Less : Employee Loans Discounting	0.00	0.00
016	**Loan to State Government in settlement of dues from customers (Unsecured)**	**0.00**	**0.00**
017		0.00	0.00
018	**Others**	**0.00**	**0.00**
019	Secured	0.00	0.00
020	Unsecured	0.00	0.00
021	With significant increase in Credit Risk	0.00	0.00
022	Credit impaired	0.00	0.00
023		**0.00**	**0.00**
024	Less: Allowance for credit impaired loans	0.00	0.00
025	**Total (Loans)**	**112,120,287.45**	**102,341,242.74**
026		**0.00**	**0.00**
027	**Due from Directors and Officers of the Company**	**0.00**	**0.00**
028	Directors	0.00	0.00
029	Officers	0.00	0.00
030		**0.00**	**0.00**
031	**Loans to related parties include:**	**0.00**	**0.00**
032	i)Key management personel	0.00	0.00
033	ii)Subsidiary companies	0.00	0.00
034	KBUNL	0.00	0.00
035	PVUNL	0.00	0.00
036	NVVN	0.00	0.00
037	iii)Joint Venture companies	0.00	0.00
038	iv)others	0.00	0.00
039		0.00	0.00
059	RPD	0.00	0.00
060	i)Key management personel	0.00	0.00
061	ii)Subsidiary companies	0.00	0.00
062	iii)Joint Venture companies	0.00	0.00
063	iv)Others	0.00	0.00
064		0.00	0.00
065	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**Other Financial Assets (current)**	**0.00**	**0.00**
002		0.00	0.00
003	**ADVANCES**	**0.00**	**0.00**
004		**0.00**	**0.00**
005	**Related Parties**	**0.00**	**0.00**
006	Secured	0.00	0.00
007	Un-Secured	-32,171,892.85	-4,808,620.09
008	Considered doubtful	0.00	0.00
009		**0.00**	**0.00**
010	**Employees**	**0.00**	**0.00**
012	Unsecured	5,271,605.17	3,702,582.42
013	Considered Doubtful	0.00	0.00
014		**0.00**	**0.00**
020	**Others**	**0.00**	**0.00**
021	Secured	0.00	0.00
022	Unsecured	0.00	0.00
023	Considered Doubtful	0.00	0.00
024		**0.00**	**0.00**
025	Less: Allowance for bad & doubtful advances	0.00	0.00
026		**0.00**	**0.00**
033	**Total (Advances)**	**-26,900,287.68**	**-1,106,037.67**
044		**0.00**	**0.00**
045	**Claims Recoverable**	**0.00**	**0.00**
046	Secured	0.00	0.00
047	Unsecured, considered good	2,412,747.00	194,103.00
048	Considered Doubtful	0.00	0.00
049	Less:- Allowance for doubtful claims	0.00	0.00
050	Others-Claims Recoverable	0.00	0.00
051		**0.00**	**0.00**
052	Unbilled Revenue	0.00	0.00
053	Hedging cost recoverable from beneficiaries	0.00	0.00
054	Derivative MTM Asset	0.00	0.00
055	Finance Lease Receivable	0.00	0.00
056	Mine Closure Deposit	0.00	0.00
057	Others*	226,754.00	0.00
058	Receivable from MCP Escrow A/c	0.00	0.00
059	**Total**	**-24,260,786.68**	**-911,934.67**
060		0.00	0.00
062	* Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
063		0.00	0.00
067		**0.00**	**0.00**
068	**Advances to related parties include:**	**0.00**	**0.00**
069	i)Key management personel	0.00	0.00
070	ii)Subsidiary companies	0.00	0.00
071	iii)Joint Venture companies	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
072	iv)Contractors	0.00	0.00
073	v)Others	0.00	0.00
074		**0.00**	**0.00**
075	Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
076		**0.00**	**0.00**
077		0.00	0.00
078	NTPC GE Power Services Pvt.Ltd.	0.00	0.00
079	Ratnagiri Gas & Power Private Ltd.	0.00	0.00
080	Aravali Power Company Private Ltd.	0.00	0.00
081	NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00
082	NTPC BHEL Power Projects Private Ltd.	0.00	0.00
083	Meja Urja Nigam Private Limited	0.00	0.00
084	Nabinagar Power Generating Company Ltd.	0.00	0.00
085	National High Power Test Labortory Private Ltd.	0.00	0.00
086	International Coal Ventures Private Ltd.	0.00	0.00
087	CIL NTPC Urja Private Ltd.	0.00	0.00
089	Bangladesh-India Friendship Power Co. Pvt.Ltd	0.00	0.00
090		**0.00**	**0.00**
091	Related Party (Adv)- Employee	0.00	0.00
092	Related Party (Adv)- Subsidiaries	0.00	0.00
093	Related Party (Adv)- Joint Ventures	-3,825,920.00	0.00
094	Related Party (Adv)- Contractors	0.00	0.00
095	Related Party (Adv)- Others	-28,345,972.85	-4,808,620.09
096	**Total**	**-32,171,892.85**	**-4,808,620.09**

NATIONAL CAPITAL POWER STATION

NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**OTHER CURRENT ASSETS**	**0.00**	**0.00**
002	Security Deposits (Unsecured)	0.00	0.00
003	Deposit with Customs, port trust & others*	18,102,399.00	17,885,851.00
004	**ADVANCES**	**0.00**	**0.00**
005		**0.00**	**0.00**
006	**Related Parties**	**0.00**	**0.00**
007	Secured	0.00	0.00
008	Un-Secured	59,513,783.73	813,475,460.23
009	Considered doubtful	0.00	0.00
010		**0.00**	**0.00**
011	**Employees(including imprest)**	**0.00**	**0.00**
012	Secured	0.00	0.00
013	Unsecured	1,142,843.12	10,499,337.57
014	Considered Doubtful	0.00	0.00
015		**0.00**	**0.00**
016	**Contractors & Suppliers**	**0.00**	**0.00**
017	Secured	0.00	0.00
018	Unsecured	115,334,127.45	179,237,135.75
019	Considered Doubtful	0.00	10,710.00
020		0.00	0.00
021	**Others****	**0.00**	**0.00**
022	Secured	0.00	0.00
023	Unsecured	6,270,323.00	500,000.00
024	Considered Doubtful	0.00	0.00
025		**0.00**	**0.00**
026	Less: Allowance for bad & doubtful advances	49,706.00	10,710.00
027	Deferred Payroll Expenses (Secured)	6,137,120.40	6,206,923.92
028	Deferred Payroll Expenses (Unsecured)	5,555,962.74	6,033,718.48
029	**Sub-total**	**11,693,083.14**	**12,240,642.40**
030	**Interest accrued on :**	**0.00**	**0.00**
031	Advances to contractors	0.00	0.00
032		**0.00**	**0.00**
033	**Claims Recoverable**	**0.00**	**0.00**
034	Secured	0.00	0.00
035	Unsecured, considered good	4,424,396,368.95	9,221,235,290.17
036	Considered Doubtful	0.00	9,846,093.00
037	Less:- Allowance for doubtful claims	0.00	9,846,093.00
038		**0.00**	**0.00**
039	Deferred premium on forward exchange contract/ Option Assets	0.00	0.00
041	Assets Held for Disposal	2,065,443.40	2,097,567.50
042	Others	4,299,072.77	1,458,593.70
043		0.00	0.00
044	**Total (Other Current Assets)**	**4,642,767,738.56**	**10,258,629,878.32**
045	**Include Prepaid Expenses	6,270,323.00	500,000.00
046	*Includes sales tax/Entry tax/VAT deposited under protest with Sales Tax Authorities	0.00	15,011,941.00

Locked: 23.05.2020 - 21:44:41

NATIONAL CAPITAL POWER STATION

NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
047	*Includes deposited with courts	0.00	0.00
048	*Includes deposited with LIC for annuity payments	0.00	0.00
049	* Includes deposits with WRD / against BG in r/o finance lease	0.00	0.00
050	Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
052	**Advances to related parties include:**	**0.00**	**0.00**
053	i)Key management personel	0.00	0.00
054	ii)Subsidiary companies	0.00	0.00
055	iii)Joint Venture companies	0.00	0.00
056	Contractors	0.00	0.00
057	Others	0.00	0.00
058		0.00	0.00
059	Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
060		**0.00**	**0.00**
061		0.00	0.00
062	Related Party (Adv)- Employee	0.00	0.00
063	Related Party (Adv)- Subsidiaries	0.00	0.00
064	Related Party (Adv)- Joint Venture	0.00	0.00
065	Related Party (Adv)- Contractors	59,147,467.73	813,047,476.11
066	Related Party (Adv)- Others	366,316.00	427,984.12
067	**Total**	**59,513,783.73**	**813,475,460.23**
068		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 20 TO THE FS--REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	On account of Exchange Differences	9,651,697.74	-4,785,062.74
002	On account of employee benefit exp	404,045,489.00	404,045,489.00
003	Regulatory deferred account - deferred	0.00	0.00
004	Deferred asset for ash transportation	0.00	0.00
005		0.00	0.00
006	**Total**	**413,697,186.74**	**399,260,426.26**

NATIONAL CAPITAL POWER STATION

NOTE NO. 21 TO THE FS-EQUITY-EQUITY SHARE CAPITAL **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**SHARE CAPITAL**	**0.00**	**0.00**
002	**Equity Share Capital**	**0.00**	**0.00**
003	**Authorised**	**0.00**	**0.00**
004	10,000,000,000 equity shares of Rs.10/- each (Previous year 10,000,000,000 eq shares of Rs.10/- each)	0.00	0.00
005	**Issued,Subscribed and fully Paid-up**	**0.00**	**0.00**
006	9,894,557,280 equity shares of Rs.10/- (Pv. Year 9,894,557,280 equity shares of Rs.10/- each)	0.00	0.00
007		**0.00**	**0.00**
008	**Total**	**0.00**	**0.00**
009	During FY 2018-19, the company has issued 1,649,092,880 equity shares of Rs.10/- each as fully paid bonus shares	0.00	0.00
010	The holders of the equity shares are entitled to receive dividends as declared from time to time, and are entitled to one vote per share at meetings of the company.	0.00	0.00
011	Details of shareholders holding more than 5% shares in the company	0.00	0.00
012	- President of India	0.00	0.00
013	No. of Shares	0.00	0.00
014	% of holding	0.00	0.00
015	- Life Insurance Corporation of India/ICICI Prudential Mutual Fund	0.00	0.00
016	No. of Shares	0.00	0.00
017	% of holding	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	RESERVE AND SURPLUS	0.00	0.00
002		**0.00**	**0.00**
003	**Capital Reserve**	**0.00**	**0.00**
004	As per last financial statements	0.00	0.00
006	Add : Grants received during the year	0.00	0.00
007	Add: Transfer from Surplus	0.00	0.00
008	Less: Write back during the year/period	0.00	0.00
009	Less: Adjustments during the year/period	0.00	0.00
010	**Sub-Total**	**0.00**	**0.00**
011	**Securities Premium Account**	**0.00**	**0.00**
012	As per last financial statements	0.00	0.00
013	Add: Additions during the year/period	0.00	0.00
014	Less: Adjustments during the year/period	0.00	0.00
015	**Sub-Total**	**0.00**	**0.00**
016	**Bonds Redemption Reserve**	**0.00**	**0.00**
017	As per last financial statements	0.00	0.00
018	Add: Transfer from Surplus	0.00	0.00
019	Less: Transfer to surplus on redemption	0.00	0.00
020	Less: Adjustments during the year/ period	0.00	0.00
021	**Sub-Total**	**0.00**	**0.00**
022	**Share Application money Allotment**	**0.00**	**0.00**
023	As per last financial statements	0.00	0.00
024	Add: Addition during the year	0.00	0.00
025	Less: Utlised for allotment during the year	0.00	0.00
026	Less: Adjustments during the year/ period	0.00	0.00
027	**Sub-Total**	**0.00**	**0.00**
028	**Fly-ash utilisation reserve Fund**	**0.00**	**0.00**
029	As per last financial statements	1,757,423,165.00	1,466,108,146.55
030	Transferred to CC	0.00	-273,299,580.72
031	Add:Transfer from revenue from operations	470,450,530.77	626,304,777.16
032	Add:Transfer from other income	0.00	0.00
033	Less: Utilised during the year	0.00	0.00
034	Tangible assets	0.00	-8,624,866.05
035	Employee benefit expenses	0.00	-12,817,530.40
036	Generation,admn. and other expenses	0.00	-40,247,781.54
037	Tax Expenses	0.00	0.00
038	**Sub-Total**	**2,227,873,695.77**	**1,757,423,165.00**
039	**Corporate social responsibility (CSR) reserve**	**0.00**	**0.00**
040	As per last financial statements	0.00	0.00
041	Add : Transfer from surplus	0.00	0.00
042	Less:-Write back during the year	0.00	0.00
043	**Sub-Total**	**0.00**	**0.00**
044	**General Reserve**	**0.00**	**0.00**
045	As per last financial statements	0.00	0.00
046	Add: Transfer from Surplus	0.00	0.00
047	Less: Transfer to Surplus	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
048	Less: Write back during the year /period	0.00	0.00
049	Less: Adjustments during the year /period	0.00	0.00
050	**Sub-Total**	**0.00**	**0.00**
051		**0.00**	**0.00**
052	**Retained earnings**	**0.00**	**0.00**
053	As per last financial statements	116,766,802,136.66	108,211,770,863.98
054	Add(Less):-Changes in accounting policy / prior period errors	0.00	0.00
055	Add(Less):-Profit (Loss) after tax for the year from Statement of Profit & Loss	7,499,644,679.71	8,555,031,272.68
056		0.00	0.00
057	Add: Write back from Bond Redemption Reserve	0.00	0.00
058	Add: Write back from Capital Reserve	0.00	0.00
059	Add: Write back from Foreign Project Reserve	0.00	0.00
060	Add: Write back from CSR Reserve	0.00	0.00
061	Add: Write back from General Reserve	0.00	0.00
062	Less: Transfer to Bonds Redemption Reserve	0.00	0.00
063	Less: Transfer to Foreign Project Reserve	0.00	0.00
064	Less:Transfer to Capital Reserve	0.00	0.00
065	Less:Transfer to CSR Reserve	0.00	0.00
066	Less:Transfer to General Reserve	0.00	0.00
067	Less:Interim Dividend Paid	0.00	0.00
068	Less:Tax on Interim Dividend Paid	0.00	0.00
069	Less:Final Dividend Paid	0.00	0.00
070	Less:Tax on Final Dividend Paid	0.00	0.00
071	Less: Issue of bonus debenture	0.00	0.00
072	Less: Tax on issue of bonus debenture	0.00	0.00
073	**Sub-Total**	**124,266,446,816.37**	**116,766,802,136.66**
074		0.00	0.00
075	**Remeasurement of defined benefit plans**	**0.00**	**0.00**
076	As per last financial statements	-158,423,086.17	-155,610,047.15
077	Add/(Less):- Actuarial Gains/loss through OCI	-75,629,032.73	-2,813,039.02
078	**Sub-Total**	**-234,052,118.90**	**-158,423,086.17**
080		0.00	0.00
081	**FVTOCI Reserve**	**0.00**	**0.00**
082	As per last financial statements	0.00	0.00
083	Add(Less):-Net gain/loss of equity instruments through OCI	0.00	0.00
084	**Sub-Total**	**0.00**	**0.00**
085		**0.00**	**0.00**
086	**Total Other equity**	**126,260,268,393.24**	**118,365,802,215.49**

NATIONAL CAPITAL POWER STATION

NOTE NO. 23 TO THE FS-NCL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**LONG TERM BORROWINGS**	**0.00**	**0.00**
002	**Bonds**	**0.00**	**0.00**
003	**Secured**	**0.00**	**0.00**
004	7.37 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3A).	0.00	0.00
005	7.62 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3 B).	0.00	0.00
006	8.61% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2034 (Fifty First Issue C - Private Placement)	0.00	0.00
007	8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3A)	0.00	0.00
008	8.91% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3B)	0.00	0.00
009	7.37% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 14th December 2031 (Sixty Sixth Issue - Private Placement)	0.00	0.00
010	7.49% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 7th November 2031 (Sixty Fourth Issue - Private Placement)	0.00	0.00
011	7.28 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series	0.00	0.00

	As at	31.03.2020	31.03.2019
	2A)		
012	7.53 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series 2 B).	0.00	0.00
013	7.93% Secured non-cumulative non-convertible redeemable taxable bonds of ` 10,00,000/- each redeemable at par in full on 03 May 2022 (68th Issue - Private Placement)	0.00	0.00
014	8.63% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2029 (Fifty First Issue B - Private Placement)	0.00	0.00
015	8.30% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 15 January 2029 (Sixty Seventh Issue - Private Placement)	0.00	0.00
016	8.48% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2A)	0.00	0.00
017	8.73% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2B)	0.00	0.00
018	7.47% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 16th September 2026 (Sixty Third Issue - Private Placement)	0.00	0.00
019	7.58% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 23rd August 2026 (Sixty Second Issue - Private Placement)	0.00	0.00

	As at	31.03.2020	31.03.2019
020	8.05% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 5th May 2026 (Sixtieth Issue - Private Placement)	0.00	0.00
021	8.19% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 15th December 2025 (Fifty Seventh Issue - Private Placement)	0.00	0.00
022	7.11 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1A).	0.00	0.00
023	7.36 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1 B).	0.00	0.00
024	7.15% Tax free secured non-cumulative non-convertible redeemable bonds - 2015 of Rs. 10,00,000/- each redeemable at par in full on 21st August 2025 (Fifty Fifth Issue - Private Placement)	0.00	0.00
025	9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 22nd September 2024 (53rd Issue - private placement).	0.00	0.00
026	9.34% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 24th March 2024 (Fifty Second Issue - private placement)	0.00	0.00
027	8.19% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 10,00,000/- each redeemable at par in full on 4th March 2024 (Fifty First Issue A - Private Placement)	0.00	0.00

	As at	31.03.2020	31.03.2019
028	8.41% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1A)	0.00	0.00
029	8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1B)	0.00	0.00
030	9.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 4th May 2023 and ending on 4th May 2027 (Forty fourth issue - private placement)VII	0.00	0.00
031	8.48% Secured non-cumulative non-nonvertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 1st May 2023 (Seventeenth issue - private placement)I	0.00	0.00
032	8.80% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th April 2023 (Forty ninth issue -private placement	0.00	0.00
033	8.49% Secured non-cumulative non-convertible redeemable taxable fully paid-up bonus debentures of Rs. 12.50 each redeemable at par in three annual installments of Rs. 2.50, Rs. 5.00 and Rs. 5.00 at the end of 8th year, 9th year and 10th year on 25th March 2023, 25th March 2024 and 25th March 2025 respectively (Fifty Fourth Issue -Bonus Debentures)X - (refer Note 5 d)	0.00	0.00
034	8.73% Secured non-cumulative non-convertible redeemable taxable bonds of	0.00	0.00

	As at	31.03.2020	31.03.2019
	₹ 10,00,000/- each redeemable at par in full on 07th March 2023 (Forty eighth issue - private placement)		
035	9.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 25th January 2023 and ending on 25th January 2027 (Forty second issue- private placement)III	0.00	0.00
036	8.84% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th October 2022 (Forty seventh issue- private placement)VII	0.00	0.00
037	7.32% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 17 July 2029 (Sixty Ninth Issue - Private Placement)	0.00	0.00
038	6.72% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 24th November 2021 (Sixty Fifth Issue - Private Placement)	0.00	0.00
039	8.10% Secured Non-Cumulative Non-Convertible Redeemable Taxable Bonds of Rs. 30,00,000/- each redeemable at par in three equal separately transferable redeemable principal parts (STRPP) at the end of 5th year, 10th year & 15th year on 27th May 2021, 27th May 2026 and 27th May 2031 respectively (Sixty First Issue- Private Placement)	0.00	0.00
040	8.33% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 24th February 2021	0.00	0.00

	As at	31.03.2020	31.03.2019
	(Fifty Ninth Issue - Private Placement).		
042	8.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 19th January 2021 Thirty seventh issue - private placement)III	0.00	0.00
043	8.18% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 31st December 2020 (Fifty Eight Issue - Private Placement).	0.00	0.00
044	8.73 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 31st March 2020 (Thirty third issue- private placement)III	0.00	0.00
045	8.78 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 9th March 2020 (Thirty first issue- private placement)III	0.00	0.00
046	11.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in five equal annual installments commencing from 6th Nov 2019 and ending on 6th Nov 2023 (Twenty seventh issue - private placement)III	0.00	0.00
047	7.89% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 5th May 2019 (Thirtieth issue - private placement)III	0.00	0.00
048	8.65% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th February 2019 (Twenty ninth issue - private placement)III	0.00	0.00
049	7.50% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full	0.00	0.00

	As at	31.03.2020	31.03.2019
	on 12th January 2019 (Nineteenth issue - private placement)II		
050	11% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21st November 2018 (Twenty eighth issue - private placement)III	0.00	0.00
051	9.3473% Secured non-cumulative non-convertible redeemable taxable bonds of ₹15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 20th July 2018 and ending on 20th July 2032 (Forty sixth issue - private placement)VII	0.00	0.00
052	9.4376% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 16th May 2018 and ending on 16th May 2032 (Forty fifth issue - private placement)VII	0.00	0.00
053	8.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 10th April 2018 (Sixteenth issue -private placement)I	0.00	0.00
054	9.2573% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 2nd March 2018 and ending on 2nd March 2032 (Forty third issue - private placement)III	0.00	0.00
055	9.6713% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

	As at	31.03.2020	31.03.2019
	of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 23rd December 2017 and ending on 23rd December 2031 (Forty first issue - private placement)III		
056	9.558% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 29th July 2017 and ending on 29th July 2031(Fourtieth issue-private placement)III	0.00	0.00
057	9.3896% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 9th June 2017 and ending on 9th June 2031(Thirty ninth issue-private placement)III	0.00	0.00
058	9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 22nd March 2017 and ending on 22nd March 2031(Thirty eighth issue-private placement)III	0.00	0.00
059	8.8086% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th	0.00	0.00

	As at	31.03.2020	31.03.2019
	year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th December 2016 and ending on 15th December 2030 (Thirty sixth issue - private placement)III		
060	8.785% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th September 2016 and ending on 15th September 2030 (Thirty fifth issue - private placement)III	0.00	0.00
061	8.71% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 10th June 2016 and ending on 10th June 2030 (Thirty fourth issue - private placement)III	0.00	0.00
062	8.8493% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 25th March 2016 and ending on 25th March 2030 (Thirty second issue - private placement)III	0.00	0.00
063	9.37% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty fifth issue -	0.00	0.00

	As at	31.03.2020	31.03.2019
	private placement)III		
065	9.06% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty sixth issue - private placement)III	0.00	0.00
066	8.6077% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 9th September 2011 and ending on 9th March 2021 (Twenty fourth issue - private placement)IV	0.00	0.00
067	8.3796% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 5th August 2011 and ending on 5th February 2021 (Twenty third issue - private placement)IV	0.00	0.00
068	8.1771% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd July 2011 and ending on 2nd January 2021 (Twenty second issue - private placement)IV	0.00	0.00
069	7.7125% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd August 2010 and ending on 2nd February 2020 (Twenty first issue - private placement)V	0.00	0.00
070	7.552% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

	As at	31.03.2020	31.03.2019
	of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 23rd September 2009 and ending on 23rd March 2019 (Twentieth issue - private placement)VI		
071	9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each with ten equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of the 6th year and in annual installments thereafter upto the end of 15th year respectively from 30th April 2002 (Thirteenth issue - Part B - private placement)VIII	0.00	0.00
072	9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each redeemable at par in ten equal annual installments commencing from the end of 6th year and upto the end of 15th year respectively from 18th April 2002 (Thirteenth issue -Part A - private placement)VIII	0.00	0.00
074		0.00	0.00
075		0.00	0.00
081		0.00	0.00
082	**Sub Total**	**0.00**	**0.00**
083	**Foreign Currency Notes-Unsecured**	**0.00**	**0.00**
084	4.50% Fixed Rate Notes Due for repayment on 19th March 2028	0.00	0.00
085	2.75% Fixed rate notes due for repayment on 1st February 2027	0.00	0.00
086	4.25 % Fixed rate notes due for repayment on 26th February 2026	0.00	0.00
087	4.375% Fixed Rate Note due for repayment on 26th November 2024	0.00	0.00
088	4.75 % Fixed Rate Notes due for repayment on 3rd Oct 2022	0.00	0.00
089	7.25 % Fixed green global INR denominated bonds due on 3 May 2022	0.00	0.00
090	7.375 % Fixed green global INR denominated bonds due on 10 August 2021	0.00	0.00
091	5.625% Fixed Rate Notes due for repayment on 14th July 2021	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 23 TO THE FS-NCL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
092	3.75 % Fixed rate notes due for repayment on 03 April 2024	0.00	0.00
093		0.00	0.00
094	**Sub Total**	**0.00**	**0.00**
095	Long term maturities of Finance Lease Obligations (Secured) IX	0.00	0.00
100	Long term maturities of Finance Lease Obligations (Unsecured) X	0.00	0.00
101	**Term Loans**	**0.00**	**0.00**
102	**From Banks**	**0.00**	**0.00**
103	**Secured**	**0.00**	**0.00**
104	Rupee Loans	0.00	0.00
105	**Unsecured**	**0.00**	**0.00**
106	Foreign Currency Loans	0.00	0.00
107	Rupee Loans	0.00	0.00
108	**From Others**	**0.00**	**0.00**
109	**Secured**	**0.00**	**0.00**
110	Rupee Loans	0.00	0.00
111	Foreign Currency loans (guaranteed by GOI)	0.00	0.00
112	**Unsecured**	**0.00**	**0.00**
113	Foreign Currency loans (guaranteed by GOI)	0.00	0.00
114	Other Foreign currency loans	0.00	0.00
115	Rupee Loans	0.00	0.00
116	**Deposits**	**0.00**	**0.00**
117	**Unsecured**	**0.00**	**0.00**
118	Fixed Deposits	0.00	0.00
119	**Others**	**0.00**	**0.00**
120	**Unsecured**	**0.00**	**0.00**
121	Bonds Application Money Pending Allotment	0.00	0.00
122	**Sub-total**	**0.00**	**0.00**
123	Less:- Interst accrued but not due on borrowings	0.00	0.00
124	Less:- Current maturities of long term borrowings	0.00	0.00
125	Bonds-Secured	0.00	0.00
126	5.875% Fixed Rate Notes	0.00	0.00
127	Foreign currency loans from Banks- unsecured	0.00	0.00
128	Rupee loans from banks- Secured	0.00	0.00
129	Rupee loans from banks- unsecured	0.00	0.00
130	Rupee Term loan from Others - Secured	0.00	0.00
131	Foreign currency loans from others- unsecured (Guaranteed by GOI)	0.00	0.00
132	Other foreign currency loans from others- unsecured	0.00	0.00
133	Rupee loans from others- unsecured	0.00	0.00
134	Finance Lease obligations - secured	0.00	0.00
135	Finance Lease obligations - unsecured	0.00	0.00
136		0.00	0.00
137		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 23 TO THE FS-NCL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
200	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 24 TO THE FS-NCL-TRADE PAYABLES **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**TRADE PAYABLES(NON CURRENT)**	**0.00**	**0.00**
002	**For Goods and Services**	**0.00**	**0.00**
003	- Micro & Small Enterprises	4,983,895.09	3,959,449.12
004	- Others	3,756,280.37	6,587,886.94
005		0.00	0.00
006	**Total**	**8,740,175.46**	**10,547,336.06**

NATIONAL CAPITAL POWER STATION

NOTE NO. 25 TO THE FS-NCL-OTHER FINANCIAL LIABILITIES **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**OTHER FINANCIAL LIABILITIES (NON-CURRENT)**	**0.00**	**0.00**
002	Payable for Capital Expenditure	0.00	0.00
003	- Micro & Small Enterprises	570,141.55	137,724.80
004	- Others	224,635.69	2,608,767.55
005	Others	0.00	0.00
006	Deposits from contractors and others	0.00	0.00
007		0.00	0.00
008		0.00	0.00
009	**Total**	**794,777.24**	**2,746,492.35**

NATIONAL CAPITAL POWER STATION

NOTE NO. 26 TO THE FS-NCL-PROVISIONS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**LONG TERM PROVISIONS**	**0.00**	**0.00**
002	**Provision for Employee Benefits**	**0.00**	**0.00**
003	Opening Balance	0.00	0.00
004	Additions/ (adjustments) during the year	0.00	0.00
005	**Closing Balance**	**0.00**	**0.00**
013		**0.00**	**0.00**
014	**TOTAL**	**0.00**	**0.00**

NOTE NO. 27 TO THE FS-NCL-DEFERRED TAX LIABILITIES (NET) **(Amount in ₹)**

	As at	Opening Balance on 01.04.2019	Addition	Closing Balance on 31.03.2020
001	**DEFERRED TAX LIABILITIES (NET)**			
002	Difference of book depreciation and tax depreciation	0.00	0.00	0.00
003	Less: Deferred tax assets			
004	Provisions & Other disallowances for tax purposes	0.00	0.00	0.00
005	Unabsorbed Depreciation	0.00	0.00	0.00
006	Disallowances u/s 43B of the Income Tax Act, 1961	0.00	0.00	0.00
007	MAT credit entitlement	0.00	0.00	0.00
008		0.00	0.00	0.00
009	**Total**	**0.00**	**0.00**	**0.00**
010		0.00	0.00	0.00
011	**Total**	**0.00**	**0.00**	**0.00**
012	Breakup of deferred tax assets	0.00	0.00	0.00
013	Provision	0.00	0.00	0.00
014	Statutory dues	0.00	0.00	0.00
015	Leave encashment	0.00	0.00	0.00
016	Others	0.00	0.00	0.00
017		0.00	0.00	0.00
018		0.00	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 28 TO THE FS-NCL-OTHER NON-CURRENT LIABILITIES **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	Other Non current Liabilities	0.00	0.00
002	Advances from customers and others	0.00	0.00
003	Deposits from contractors and others	0.00	0.00
004		0.00	0.00
005	**TOTAL**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 29 TO THE FS-CL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**Short Term Borrowings**	**0.00**	**0.00**
002	**Loans repayable on demand**	**0.00**	**0.00**
003	**From Banks**	**0.00**	**0.00**
004	**Secured**	**0.00**	**0.00**
005	Cash Credit	0.00	0.00
006	**Unsecured**	**0.00**	**0.00**
007	Cash Credit	0.00	0.00
008	**Other loans-unsecured**	**0.00**	**0.00**
009	Commecial Papers	0.00	0.00
010	Less: Unamortised discount on Commercial Papers	0.00	0.00
011	**Total**	**0.00**	**0.00**
012		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 30 TO THE FS-CL-TRADE PAYABLES **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**TRADE PAYABLES**	**0.00**	**0.00**
002	For Goods and Services	0.00	0.00
003	- Micro & Small Enterprises	135,458,742.19	140,415,263.91
004	- Others	3,111,241,777.42	5,411,551,368.32
005		0.00	0.00
006	**Total**	**3,246,700,519.61**	**5,551,966,632.23**
007		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 31 TO THE FS-CL-OTHER FINANCIAL LIABILITIES **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**OTHER FINANCIAL LIABILITIES (CURRENT)**	**0.00**	**0.00**
002	**Current maturity of long term borrowings**	**0.00**	**0.00**
003	Bonds-Secured	0.00	0.00
004	Foreign Currency Fixed Rate Notes	0.00	0.00
005	**From Banks**	**0.00**	**0.00**
006	**Secured**	**0.00**	**0.00**
007	Rupee Term Loan	0.00	0.00
008	**Unsecured**	**0.00**	**0.00**
009	Foreign currency loans	0.00	0.00
010	Rupee term loans	0.00	0.00
011	**From Others**	**0.00**	**0.00**
012	**Secured**	**0.00**	**0.00**
013	Rupee Term Loan	0.00	0.00
014	**Unsecured**	**0.00**	**0.00**
015	Foreign currency loans (Guaranteed by Government of India)	0.00	0.00
016	Other foreign currency loans	0.00	0.00
017	Rupee term loans	0.00	0.00
018	Fixed deposits	0.00	0.00
019	Sub Total	0.00	0.00
020	Current maturity of finance lease obligations (secured)	0.00	0.00
021	Current maturity of finance lease obligations (unsecured)	0.00	0.00
022	Interest accrued but not due on borrowings	0.00	0.00
023	Unpaid Dividends*	0.00	0.00
024	Unpaid matured deposits and interest accrued thereon*	0.00	0.00
025	Unpaid matured bonds and interest accrued thereon*	0.00	0.00
026	Unpaid bond refund money-Tax free bonds *	0.00	0.00
027	Book Overdraft	0.00	0.00
028	Payable to Customers	0.00	0.00
029	Liability under forward exchange contact	0.00	0.00
030	Hedging cost payable to beneficiaries	0.00	0.00
031	Derivative MTM Liability	0.00	0.00
032	**Payable for Capital Expenditure**	**0.00**	**0.00**
033	- Micro & Small Enterprises	89,006,261.63	27,904,239.46
034	- Others	2,906,398,483.72	1,999,273,733.39
035	**Others Payables**	**0.00**	**0.00**
036	Deposits from contractors and others	91,177,485.00	82,445,610.00
037	Gratuity Obligations	0.00	0.00
038	Payable to employees	11,496,812.39	24,925,348.72
039	Payable to holding company	0.00	0.00
040	Retention on A/c BG encashment (Solar)	0.00	0.00
041	Payable to Solar Payment Security Account	0.00	0.00
042	Others **	49,166,149.69	123,934,274.39

NATIONAL CAPITAL POWER STATION

NOTE NO. 31 TO THE FS-CL-OTHER FINANCIAL LIABILITIES **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
043		0.00	0.00
044	**Total**	**3,147,245,192.43**	**2,258,483,205.96**
045	* Represents the amounts which have not been claimed by the investor/holders of the bonds/fixed deposits. Out of the above, no amount is due for payment to Investor Education and Protection Fund.	0.00	0.00
046	** Include Payable to Hospital, parties for stale cheques and other payable.	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 32 TO THE FS-CL-OTHER CURRENT LIABILITIES **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**OTHER CURRENT LIABILITIES**	**0.00**	**0.00**
002	Advances from customers and others	25,422,906.74	28,067,247.05
003	Deferred discount on forward exchange contact	0.00	0.00
004	Tax deducted at source and other statutory dues	110,714,289.96	31,008,303.05
005	Others	0.00	0.00
006	**Total**	**136,137,196.70**	**59,075,550.10**

NATIONAL CAPITAL POWER STATION

NOTE NO. 33 TO THE FS-CL-PROVISIONS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**SHORT TERM PROVISIONS**	**0.00**	**0.00**
002	**Provision for Employee Benefits**	**0.00**	**0.00**
003	Opening balance	0.00	0.00
004	Additions/ (adjustments) during the year	0.00	0.00
005	**Closing Balance**	**0.00**	**0.00**
028	**Provisions for Obligations Incidental to Land Acquisition**	**0.00**	**0.00**
029	Opening balance	0.00	0.00
030	Additions during the year	0.00	0.00
031	Amounts paid during the year	0.00	0.00
032	Amounts reversed during the year	0.00	0.00
033	**Closing Balance**	**0.00**	**0.00**
035	**Provision for Tariff Adjustment**	**0.00**	**0.00**
036	Opening balance	0.00	0.00
037	Additions during the year	0.00	0.00
038	Amounts adjusted during the year	0.00	0.00
039	Amounts reversed during the year	0.00	0.00
040	**Closing Balance**	**0.00**	**0.00**
042	**Provision for shortage in Fixed Assets Pending Investigation & Others**	**0.00**	**0.00**
043	Opening balance	165,808.06	2,430,375.08
044	Additions during the year	0.00	165,808.06
045	Amounts adjusted during the year	0.00	0.00
046	Amounts reversed during the year	165,808.06	2,430,375.08
047	**Closing Balance**	**0.00**	**165,808.06**
048	**Provision for Arbitration**	**0.00**	**0.00**
049	Opening balance	22,934,546.00	21,926,785.00
050	Additions during the year	1,010,522.00	1,007,761.00
051	Amounts used during the year	0.00	0.00
052	Amounts reversed during the year	0.00	0.00
053	**Closing Balance**	**23,945,068.00**	**22,934,546.00**
054	**Others**	**0.00**	**0.00**
055	Opening balance	0.00	0.00
056	Additions during the year	0.00	0.00
057	Amounts used during the year	0.00	0.00
058	Amounts reversed during the year	0.00	0.00
059	**Closing Balance**	**0.00**	**0.00**
102		0.00	0.00
103	**Total**	**23,945,068.00**	**23,100,354.06**

NATIONAL CAPITAL POWER STATION

NOTE NO. 34 TO THE FS-CL-CURRENT TAX LIABILITIES (NET) **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**Current liabilities - current tax liabilities (net)**	**0.00**	**0.00**
002	Opening balance	0.00	0.00
003	Additions during the year	0.00	0.00
004	Amounts adjusted during the year	0.00	0.00
005	Less: Set off against taxes paid	0.00	0.00
006	**Closing Balance**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 35 TO THE FS--DEFERRED REVENUE **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	**Deferred Revenue**	**0.00**	**0.00**
002	On account of advance against depreciation	0.00	0.00
003	On account of income from foreign currency fluctuation	149,915,000.00	171,191,000.00
004	Government grants	0.00	0.00
005		0.00	0.00
006	**TOTAL**	**149,915,000.00**	**171,191,000.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 36 TO THE FS--REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	Regulatory deferral account credit balances	0.00	0.00
002	Exchange Differences	0.00	0.00
003		0.00	0.00
004	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 37 TO THE FS--REVENUE FROM OPERATIONS **(Amount in ₹)**

	For the Year ended	31.03.2020	31.03.2019
001	**REVENUE FROM OPERATIONS**	**0.00**	**0.00**
002	**Sales**	**0.00**	**0.00**
003	Energy Sales (including Electricity Duty)	44,150,749,440.00	52,236,168,962.50
004	Less : Advance against depreciation deferred (net)	0.00	0.00
005	Add: Revenue recognized out of advance against depreciation	0.00	0.00
006	Add : Exchange fluctuation receivable from customers	-34,228,000.00	-40,010,000.00
007	Sale of energy through trading	0.00	0.00
008	Commission (NVVN)	0.00	0.00
009	**Sub total**	**44,116,521,440.00**	**52,196,158,962.50**
010	Less: Rebate to customers	140,621,411.33	541,659,120.97
011	**Energy Sales (Total)**	**43,975,900,028.67**	**51,654,499,841.53**
012	Consultancy, project management and supervision fees	0.00	0.00
013	Lease rentals on assets on Operating lease	0.00	0.00
014	Sale of Captive Coal	0.00	0.00
015	Intra Company Elimination	0.00	0.00
017	**Sub-total**	**0.00**	**0.00**
018	**Total - Sales**	**43,975,900,028.67**	**51,654,499,841.53**
019	Sale of fly ash/ash products	470,450,530.77	626,304,777.16
020	Less: Transferred to fly ash utilisation reserve fund	-470,450,530.77	-626,304,777.16
021	**Sub-total**	**0.00**	**0.00**
022	**Other Operating Income**	**0.00**	**0.00**
023	Interest from customers	262,929,445.00	36,044,468.00
024	Energy Internally Consumed *	88,917,833.00	72,305,870.00
025	Interest income on Assets under finance lease	0.00	0.00
026	Recognized from deferred revenue - government grant	0.00	0.00
027	Provision written back- Tariff Adjustment	0.00	0.00
028	Income form Trading of ESCerts	0.00	0.00
029	Income from E-Mobility Business	0.00	0.00
030		0.00	0.00
031	**Total**	**44,327,747,306.67**	**51,762,850,179.53**
040	* Valued at variable cost of generation and corresponding amount included in power charges (Note No. 42)	0.00	0.00
041	Excise duty on sale of flyash,cenospere & ash products	0.00	0.00
042	Energy sales of principal nature (NVVN)	0.00	0.00
043	Energy sales of agency nature (NVVN)	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 38 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2020	31.03.2019
001	**OTHER INCOME**	**0.00**	**0.00**
002	**Interest from**	**0.00**	**0.00**
004	**Financial assets at amortised cost**	**0.00**	**0.00**
005	Government Securities (8.5% Tax Free Bonds issued by the State Goverments)	0.00	0.00
006	Other Bonds	0.00	0.00
007		0.00	0.00
008	Interest from Government of India Securties-Non-Trade	0.00	0.00
009	Less: Amortiation of premium	0.00	0.00
010	**Sub Total**	**0.00**	**0.00**
011	Interest from others	0.00	0.00
012	Loan to State Government in settlement of dues from customers	0.00	0.00
013	Loan to Subsidiary Companies	0.00	0.00
014	Loan to Employees	23,266,416.42	25,121,170.45
015	Deposit with banks	0.00	0.00
016	Foreign Banks	0.00	0.00
017	Interest from Contractors	0.00	-420,571.00
018	Interest from Income Tax Refunds	0.00	0.00
019	Less : Refundable to Customers	0.00	0.00
020	**Sub Total**	**0.00**	**0.00**
021	Deposits with banks-flyash utilisation reserve fund	0.00	0.00
022	Less: transferred to flyash utilisation reserve fund	0.00	0.00
023	**Sub Total**	**0.00**	**0.00**
024	Deposits with banks- DDUGJY funds	0.00	0.00
025	Interest from Contractors- DDUGJY funds	0.00	0.00
026	Transfer to DDUGJY-Advance from customers	0.00	0.00
027	Sub-total	0.00	0.00
030	Others	0.00	0.00
031		0.00	0.00
032	**Dividend from**	**0.00**	**0.00**
033	**Longterm investments in**	**0.00**	**0.00**
034	Subsidiaries	0.00	0.00
035	Joint Ventures	0.00	0.00
036	Equity Instruments	0.00	0.00
037	**Current Investments in**	**0.00**	**0.00**
038	Mutual Funds measured at fairvalue through profit or loss	0.00	0.00
039	Current investments in mutual funds-flyash utilisation reserve fund	0.00	0.00
040	Less: transferred to flyash utilisation reserve fund	0.00	0.00
041	Lease Rent # Ash Brick Plant	0.00	0.00
042	Less: transferred to flyash utilisation reserve fund	0.00	0.00
043	Other non-operating income	40.00	230.00
044	Profit on disposal of PPE	348,248.40	493,968.45
045	Profit on redemption of GOI securities	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 38 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2020	31.03.2019
046	Net gain on sale of investments	0.00	0.00
047	Surcharge received from customers	153,417,050.00	502,751,505.00
048	Hire charges for equipment	0.00	0.00
049	Gain on option contract / Discount on F.ExchContract	0.00	0.00
050	Provision written back-others	14,003,710.17	775,016.35
051	Fair value gains/(losses) on investments in mutual funds at fair value through profit or loss	0.00	0.00
052	Interest from Solar payment security account	0.00	0.00
053	Less : Transferred to SPSA fund	0.00	0.00
054	Interest on "Retention on A/c BG encashment (Solar)"	0.00	0.00
055	Less : Transferred to "Retention on A/c BG encashment (Solar)"	0.00	0.00
056	Miscellaneous Income	108,556,709.31	144,360,595.06
057	**Total**	**299,592,174.30**	**673,081,914.31**
058	Less:Transferred to Development of Coal Mines-Note 43A	0.00	0.00
059	Less:Transferred to Expenditure during Construction period (net)- Note 43	36,135.68	0.00
061		0.00	0.00
062	**Total**	**299,556,038.62**	**673,081,914.31**
063		0.00	0.00
064	**Details of Miscellaneous Income**	**0.00**	**0.00**
065	Vehicle Hire Charges.	77,283.00	110,000.00
066	Sale of by products & residuals	0.00	0.00
067	Township recoveries(exl. Hospital Recoveries).	67,700,599.61	62,652,083.48
068	Depreciation written back	0.00	0.00
069	Sale of Scrap.	18,896,980.98	62,116,834.85
070	Receipt under loss of profit policy.	0.00	0.00
071	Receipts under MBD/Fire Policy.	10,042,202.00	0.00
072	Management development programme.	0.00	0.00
073	Management Fee - Misc (NVVN)	0.00	0.00
074	Others	11,839,643.72	19,481,676.73
075		0.00	0.00
076	**Total (Miscellaneous Income)**	**108,556,709.31**	**144,360,595.06**
077		0.00	0.00
078	**Details of Provision written back others**	**0.00**	**0.00**
079	Doubtful debts	0.00	0.00
080	Doubtful Loans, Advances and Claims	0.00	0.00
081	Doubtful Construction Advances	0.00	0.00
082	Shortage in Construction Stores	0.00	0.00
083	Shortage in Stores	111,790.84	473,721.97
084	Obsolescence in Stores	13,726,111.27	0.00
085	Unserviceable capital works	0.00	0.00
086	Other Obligation	0.00	0.00
087	Shortage in Fixed Assets	165,808.06	301,294.38

NATIONAL CAPITAL POWER STATION

NOTE NO. 38 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2020	31.03.2019
088	Diminution in value of Investment	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 38A TO THE FS--FUEL COST **(Amount in ₹)**

	For the Year ended	31.03.2020	31.03.2019
001	**FUEL COST**	**0.00**	**0.00**
002	Coal	0.00	0.00
003	Captive	0.00	0.00
004	Other than captive	27,908,545,973.33	35,157,385,997.30
005	Gas	0.00	0.00
006	Naptha	0.00	0.00
007	Oil	286,838,360.91	139,166,681.04
008	**Total**	**28,195,384,334.24**	**35,296,552,678.34**
009		0.00	0.00
010		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 39 TO THE FS--EMPLOYEE BENEFITS EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2020	31.03.2019
001	**EMPLOYEE BENEFITS EXPENSE**	**0.00**	**0.00**
002	Salaries and wages	1,928,274,623.34	1,830,746,630.76
003	Contribution to provident and other funds	209,859,591.07	269,830,439.70
004	Unwinding of deferred payroll expense	14,355,973.46	17,316,075.58
005	Staff welfare expenses	260,468,549.05	313,372,321.31
006	Less : Expenses transferred to Consultancy group	0.00	0.00
007		0.00	0.00
008	**Sub Total**	**2,412,958,736.92**	**2,431,265,467.35**
009	Less: Employee benefits expense inventorised	125,459,673.93	118,063,208.63
010	Less: Transferred/Allocated to development of coal mines	0.00	0.00
011		0.00	0.00
012	Less: Transferred to fly ash utilisation reserve fund	0.00	12,817,530.40
013	Less: Transferred to CSR Expenses	0.00	0.00
014	Reimbursements for employees on secondment	155,127.44	35,399.89
015	Less: Transferred to expenditure during construction period (net)- Note 43	15,415,329.04	0.00
016	**TOTAL**	**2,271,928,606.51**	**2,300,349,328.43**
017	**Managerial Remuneration paid/ payable to Directors included above (except for Directors fee which is included in Note 42)**	**0.00**	**0.00**
018	Salaries and wages	0.00	0.00
019	Contribution to provident and other funds	0.00	0.00
020	Staff welfare expenses	0.00	0.00
021	Directors fee	0.00	0.00
022		0.00	0.00
023		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 40 TO THE FS--FINANCE COSTS **(Amount in ₹)**

	For the Year ended	31.03.2020	31.03.2019
001	**FINANCE COSTS**	**0.00**	**0.00**
002	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
003	Bonds	489,539,135.48	643,002,124.87
004	Government of India Loans	0.00	0.00
005	Foreign currency term loans	-171,305.91	1,002,549.61
006	Rupee term loans	518,090,672.00	537,898,809.00
007	Public deposits	0.00	0.00
008	Foreign currency bonds/notes	0.00	0.00
009	Cash Credit	0.00	0.00
010	Unwinding of discount on account of vendor liabilities	2,489,056.00	9,792,104.35
011	Commercial Papers	0.00	0.00
012	Others	1,626,042.81	9,155,856.31
013	**Sub Total**	**1,011,573,600.38**	**1,200,851,444.14**
014	**Other Borrowing Costs**	**0.00**	**0.00**
015	Bonds servicing & public deposit exp.	512,666.23	1,139,892.45
016	Guarantee fee	0.00	0.00
017	Management fee	0.00	0.00
018	Committ charges/exposure premium	0.00	0.00
019	Bond issue expenses	0.00	0.00
020	Legal exp on foreign currency loans	0.00	0.00
021	Foreign currency bonds/notes exp.	0.00	0.00
022	Up-front fee	0.00	0.00
023	Insurance premium on foreign currency loans	0.00	0.00
024		0.00	0.00
025	Others	0.00	0.00
026	**Sub Total (Other Borrowing cost)**	**512,666.23**	**1,139,892.45**
027		0.00	0.00
028	**Exchange differences regarded as an adjustment to interest costs**	**2,290,060.00**	**0.00**
029	**Sub Total**	**1,014,376,326.61**	**1,201,991,336.59**
030	Less: Transferred to Expenditure during construction period (net) - Note 43	84,713,300.17	36,790,248.09
031	Less: Transferred to development of coal mines-Note 43A	0.00	0.00
032		0.00	0.00
033	**Total**	**929,663,026.44**	**1,165,201,088.50**

NATIONAL CAPITAL POWER STATION

NOTE NO. 41 TO THE FS--DEPRECIATION, AMORTIZATION AND IMPAIRMENT EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2020	31.03.2019
001	**Depreciation, amortization and impairment expense**	**0.00**	**0.00**
002	On property, plant and equipment- Note 2	3,353,878,196.92	3,000,332,233.33
003	On intangible assets- Note 4	99,950,547.38	100,228,335.98
004	Sub-total	3,453,828,744.30	3,100,560,569.31
005	Less:	0.00	0.00
006	Inventorised	192,348,902.37	208,543,192.34
007	Transferred to Expenditure during Construction Period (net)- Note 43	0.00	0.00
008	Transferred/Allocated to development of coal mines	0.00	0.00
009	Adjustment with deferred revenue from deferred foreign currency fluctuation	19,640,000.00	21,003,000.00
010	**Total**	**3,241,839,841.93**	**2,871,014,376.97**

NATIONAL CAPITAL POWER STATION

NOTE NO. 42 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2020	31.03.2019
001	**OTHER EXPENSES**	**0.00**	**0.00**
002	Power charges	78,981,156.25	63,130,099.33
003	Less: Recovered from contractors & employees	16,390,361.19	14,294,242.54
004	**Sub-Total(Power Charges)**	**62,590,795.06**	**48,835,856.79**
005	Water charges	20,162,112.88	28,257,179.00
006	Stores consumed	26,658,254.17	33,917,539.04
007	Rent	0.00	0.00
008	Less:Recoveries	0.00	0.00
009	**Sub-Total (Rent)**	**0.00**	**0.00**
010	Cost of extraction of Captive coal	0.00	0.00
011	**Repairs & maintenance**	**0.00**	**0.00**
012	Buildings	79,075,286.32	137,525,822.45
013	Plant & machinery	0.00	0.00
014	Power stations	939,109,757.05	853,087,886.37
015	Construction equipment	75,894.13	29,803.44
016	Others	67,281,564.89	22,712,002.65
017	**Sub-total (Repairs & maintenance)**	**1,085,542,502.39**	**1,013,355,514.91**
019	Load Dispatch Center Charges	18,957,392.00	13,621,765.00
021	Insurance	51,178,597.07	44,198,198.23
022	Interest to beneficiaries	18,641,115.00	0.00
023	Rates and taxes	8,163,322.11	8,198,847.08
024	Water cess & environment protection cess	721,140.00	600,950.00
025	Training & recruitment expenses	11,192,679.46	8,545,620.48
026	Less: Receipts	0.00	0.00
027	**Sub-total (Training and recruitment expenses)**	**11,192,679.46**	**8,545,620.48**
028	Communication expenses	21,360,754.56	18,867,702.61
029	Inland Travel	74,030,276.51	69,297,573.78
030	Foreign Travel	1,964,239.54	389,833.37
031	Tender expenses	0.00	0.00
032	Less: Receipt from sale of tenders	63,393.00	105,614.00
033	**Sub-total (Tender expenses)**	**-63,393.00**	**-105,614.00**
034	Payment to auditors	0.00	0.00
035	Audit fee	0.00	0.00
036	Tax audit fee	0.00	0.00
037	Other services	0.00	0.00
038	Reimbursement of expenses	0.00	0.00
039	**Sub-total (Payment to Auditors)**	**0.00**	**0.00**
040	Advertisement and publicity	2,095,016.73	2,462,447.92
041	Electricity duty	0.00	0.00
042	Security expenses	292,850,889.85	264,652,853.70
043	Entertainment expenses	24,145,836.97	20,917,746.23
044	Expenses for guest house	18,708,652.45	18,241,704.66
045	Less:Recoveries	13,000.00	16,000.00
046	**Sub-Total (Guest house expenses)**	**18,695,652.45**	**18,225,704.66**
047	Education expenses	61,202,222.51	56,782,871.54
049	Donations	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 42 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2020	31.03.2019
050	Ash utilisation & marketing expenses	42,628,371.31	35,405,682.64
051	Directors sitting fee	0.00	0.00
053	Professional charges and consultancy fees	2,135,834.85	2,645,962.91
054	Legal expenses	9,576,481.36	12,727,770.80
055	EDP hire and other charges	14,206,940.60	16,778,023.82
056	Printing and stationery	1,584,408.50	954,695.26
057	Oil & gas exploration expenses	0.00	0.00
059	Hiring of vehicles	15,008,434.78	23,313,200.34
061	Reimbursement of L.C.charges on sales realisation	0.00	0.00
062		0.00	0.00
063	Cost of Hedging	-2,698,221.00	-1,527,617.00
064	Derivatives MTM loss/gain (Net)	3,487,965.00	6,642,044.00
065	Net loss/(gain) in foreign currency transactions & translations	-25,991,521.70	-9,926,699.44
066	Transport Vehicle running expenses	9,556,244.92	10,023,162.92
067	Horticulture Expenses	20,419,145.67	17,928,880.42
068	Hire charges- helicopter/aircraft.	0.00	0.00
069	Hire charges of construction equipment	0.00	0.00
070	Demurrage Charges	0.00	0.00
072		0.00	0.00
073	Miscellaneous expenses	12,204,504.29	14,865,224.33
074	Loss on disposal/write-off of PPE	45,791,347.48	109,975,417.05
075	**Sub-Total**	**1,947,999,342.32**	**1,890,828,338.39**
076	Less: Other expenses inventorised	142,957,390.90	138,360,711.14
077	Less: Transferred/Allocated to development of coal mines	0.00	0.00
078	Less: Transferred to fly ash utilisation reserve fund	42,628,371.31	40,247,781.54
079	Less: Hedging cost Net recoverable/payable from/to beneficiaries	3,487,965.00	6,642,044.00
080		0.00	0.00
081	Less: Transferred to CSR Expenses	59,628,639.00	42,438,738.00
082	Less:Transferred to Expenditure during Construction period(net)-Note 43	3,112,015.77	3,912,654.00
083	**Net (Generation, Administration and Other expenses)**	**1,696,184,960.34**	**1,659,226,409.71**
084	Corporate Social Responsibility Expenses	105,226,894.96	119,424,777.09
085	Less: Grants-in-aid	0.00	0.00
086	**Sub-total (Corporate Social Responsibility Expenses)**	**105,226,894.96**	**119,424,777.09**
087	**Provisions**	**0.00**	**0.00**
088	Doubtful Debts	0.00	0.00
089	Doubtful loans, advances and claims	49,706.00	0.00
090	Doubtful Construction Advances	0.00	0.00
091	Shortage in stores	30,381,453.64	504,713.00
092	Obsolete/Dimunition in the value of surplus stores	774,766.91	9,683,825.96
093	Shortage in construction stores	0.00	0.00
094	Dimunition in value of long term investments	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 42 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2020	31.03.2019
095	Shortage in Fixed assets	0.00	-1,963,272.64
096	Unfinished minimum work progress from oil & gas exploration	0.00	0.00
097	Unserviceable capital works	0.00	0.00
098	Tariff Adjustment	9,225,000.00	0.00
099	Others :	0.00	0.00
100	(i) Provision for arbitration cases	1,010,522.00	1,007,761.00
101	(ii) Other provisions	0.00	0.00
102	**Total (Provisions)**	**41,441,448.55**	**9,233,027.32**
103		0.00	0.00
104	**Total**	**1,842,853,303.85**	**1,787,884,214.12**
105		0.00	0.00
106	**Breakup of miscellaneous expenses.**	**0.00**	**0.00**
109	Hire charges of office equipment	0.00	0.00
111	Operating expenses of construction equipment	0.00	0.00
112	Operating expenses of D.G. sets	642,759.80	591,579.71
113	Furnishing expenses	315,468.21	205,340.74
114	Subscription to trade and other associations.	25,000.00	0.00
116	Visa and entry permit charges	0.00	0.00
117	Tree plantation exp.-NTPC Land	17,128.79	230,764.80
118	Research & development expenses .	4,464.20	2,728,163.71
119	Less : Grants received for Research & develoment expenses.	0.00	0.00
120	Sub-total (Research & development expenses)	4,464.20	2,728,163.71
121	Bank charges	647,198.26	234,759.69
122	Business Development Expenditure	0.00	0.00
123	Surcharge (NVVN)	0.00	0.00
124	Power Trading Expenses	236,000.00	1,404,212.00
125	Brokerage & commission	591,316.64	871,492.84
129	Books and periodicals	288,020.43	176,105.03
130	Claims/advances written off	0.00	0.00
131	Stores written off	0.00	0.00
132	Survey &Investigation expenses written off	0.00	0.00
133	Others	9,437,147.96	8,422,805.81
134	**Total**	**12,204,504.29**	**14,865,224.33**
135		0.00	0.00
136		0.00	0.00
137		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 43 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET) **(Amount in ₹)**

	For the Year ended	31.03.2020	31.03.2019
001	**EXPENDITURE DURING CONSTRUCTION PERIOD (NET)**	**0.00**	**0.00**
002	A. Employee benefits expense	0.00	0.00
003	Salaries and wages	12,277,545.80	0.00
004	Contribution to provident and other funds	1,096,453.04	0.00
005	Unwinding of deffered payroll expenses	0.00	0.00
006	Staff welfare expenses	2,041,330.20	0.00
007	**Total (A)**	**15,415,329.04**	**0.00**
008	**B. Finance Costs**	**0.00**	**0.00**
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	29,148,913.87	21,616,316.54
011	Foreign currency term loans	-498,766.70	0.00
012	Rupee term loans	53,773,093.00	15,173,931.55
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	0.00	0.00
015	Others	0.00	0.00
016		0.00	0.00
017	Other Borrowings Costs	0.00	0.00
018	Guarantee Commission	0.00	0.00
019	Management Fees/Arrangers Fees	0.00	0.00
020	Commitment charges/Exposure Premium	0.00	0.00
021	Legal Expenses on foreign currency loans	0.00	0.00
022	Foreign currency bonds/notes expenses	0.00	0.00
023	Foreign Credit Insurance Premium	0.00	0.00
024	Upfront Fee	0.00	0.00
025	Exchange Differences	0.00	0.00
026	Others	0.00	0.00
027	Exchange differences regarded as adjustment to interest cost	2,290,060.00	0.00
028	**Total (B)**	**84,713,300.17**	**36,790,248.09**
029		0.00	0.00
030	C. Depreciation and amortisation	0.00	0.00
031	**D. Generation , administration and other expenses**	**0.00**	**0.00**
032	Power charges	1,948,558.00	0.00
033	Less: Recovered from contractors & employees	38,028.92	0.00
034	**Sub-total(Net power charges)**	**1,910,529.08**	**0.00**
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	0.00	0.00
039	Construction equipment	0.00	0.00
040	Others	597,628.00	3,912,654.00
041		0.00	0.00
042	Insurance	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 43 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET) **(Amount in ₹)**

	For the Year ended	31.03.2020	31.03.2019
043	Rates and taxes	3,356.00	0.00
044	Communication expenses	133,186.14	0.00
045	Travelling expenses	415,116.11	0.00
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	**Sub-total (Net tender expenses)**	**0.00**	**0.00**
049	Advertisement and publicity	0.00	0.00
050	Security expenses	0.00	0.00
051	Entertainment expenses	47,697.00	0.00
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	**Sub-total (Net Guest House Expenses)**	**0.00**	**0.00**
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	0.00	0.00
061	EDP Hire and other charges	0.00	0.00
062	Printing and stationery	0.00	0.00
063	Miscellaneous expenses	4,503.44	0.00
064	**Total (D)**	**3,112,015.77**	**3,912,654.00**
065	**Total (A+B+C+D)**	**103,240,644.98**	**40,702,902.09**
066	**E. Less: Other Income**	**0.00**	**0.00**
067	Interest from	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	0.00	0.00
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	36,135.68	0.00
076	**TOTAL (E)**	**36,135.68**	**0.00**
077	F. Net actuarial gain/loss OCI	262,013.14	0.00
078		0.00	0.00
079	**GRAND TOTAL (A+B+C+D-E+F)**	**103,466,522.44**	**40,702,902.09**
080		0.00	0.00
081	*** Balance carried to Capital Work-in-progress - (Note 3)**	**103,466,522.44**	**40,702,902.09**

NATIONAL CAPITAL POWER STATION

NOTE NO. 43A TO THE FS--EDC- COAL MINING **(Amount in ₹)**

	For the Year ended	31.03.2020	31.03.2019
001	**EDC- Coal Mining**	**0.00**	**0.00**
002	A. Employee benefits expense	0.00	0.00
003	Salaries and wages	0.00	0.00
004	Contribution to provident and other funds	0.00	0.00
005	Unwinding of deffered payroll expenses	0.00	0.00
006	Staff welfare expenses	0.00	0.00
007	**Total (A)**	**0.00**	**0.00**
008	**B. Finance Costs**	**0.00**	**0.00**
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	0.00	0.00
011	Foreign currency term loans	0.00	0.00
012	Rupee term loans	0.00	0.00
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	0.00	0.00
015	Others	0.00	0.00
016		0.00	0.00
017	Other Borrowings Costs	0.00	0.00
018	Guarantee Commission	0.00	0.00
019	Management Fees/Arrangers Fees	0.00	0.00
020	Commitment charges/Exposure Premium	0.00	0.00
021	Legal Expenses on foreign currency loans	0.00	0.00
022	Foreign currency bonds/notes expenses	0.00	0.00
023	Foreign Credit Insurance Premium	0.00	0.00
024	Upfront Fee	0.00	0.00
025	Exchange Differences	0.00	0.00
026	Others	0.00	0.00
027	Exchange differences regarded as adjustment to interest cost	0.00	0.00
028	**Total (B)**	**0.00**	**0.00**
029		0.00	0.00
030	C. Depreciation and amortisation	0.00	0.00
031	**D. Generation , administration and other expenses**	**0.00**	**0.00**
032	Power charges	0.00	0.00
033	Less: Recovered from contractors & employees	0.00	0.00
034	**Sub-total(Net power charges)**	**0.00**	**0.00**
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	0.00	0.00
039	Construction equipment	0.00	0.00
040	Others	0.00	0.00
041	Cost of Captive Coal	0.00	0.00
042	Insurance	0.00	0.00
043	Rates and taxes	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 43A TO THE FS--EDC- COAL MINING **(Amount in ₹)**

	For the Year ended	31.03.2020	31.03.2019
044	Communication expenses	0.00	0.00
045	Travelling expenses	0.00	0.00
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	**Sub-total (Net tender expenses)**	**0.00**	**0.00**
049	Advertisement and publicity	0.00	0.00
050	Security expenses	0.00	0.00
051	Entertainment expenses	0.00	0.00
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	**Sub-total (Net Guest House Expenses)**	**0.00**	**0.00**
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	0.00	0.00
061	EDP Hire and other charges	0.00	0.00
062	Printing and stationery	0.00	0.00
063	Miscellaneous expenses	0.00	0.00
064	**Total (D)**	**0.00**	**0.00**
065	**Total (A+B+C+D)**	**0.00**	**0.00**
066	**E. Less: Other Income**	**0.00**	**0.00**
067	Interest from	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	0.00	0.00
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	0.00	0.00
076	**TOTAL (E)**	**0.00**	**0.00**
077	F. Net actuarial gain/loss OCI	0.00	0.00
078		0.00	0.00
079	**GRAND TOTAL (A+B+C+D-E+F)**	**0.00**	**0.00**
080		0.00	0.00
081	*** Balance carried to Capital Work-in-progress - (Note 3)**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
001	Balance sheet	0.00	0.00
002	Freehold land for which conveyancing of the title is awaiting completion of legal formalities	0.00	0.00
003	(a) area (in acres)	0.00	0.00
004	(b) value (in rs)	0.00	0.00
005	Right-of-use land for which execution of lease deed is awaiting completion of legal formalities	0.00	0.00
006	(a) area (in acres)	0.00	0.00
007	(b) value (in rs)	0.00	0.00
008	Right-of-use land acquired on perpetual lease and accordingly not amortised	0.00	0.00
009	(a) area (in acres)	0.00	0.00
010	(b) value (in rs.)	0.00	0.00
011	Land in physical possesession of the company which has not been shown in the books pending settlement of price (in acres)	0.00	0.00
012	Deposit with government authorities towards land in possession of the company included in cost of land which is subject to adjus	0.00	0.00
013	Land not in possession of the company	0.00	0.00
014	(a) area (in acres)	76.91	76.91
015	(b) value (in rs)	156,222,688.90	155,907,827.70
016	Right-of-use buildings pending completion of legal fomalities - value (in rs.)	0.00	0.00
017	Estimated amount of contracts remaining to be executed on capital account and not provided for	0.00	0.00
018	Property, plant & equipment	2,220,847,535.00	4,363,148,022.00
019	Intangible assets	0.00	0.00
020	Details of precommissioning expenditure	0.00	0.00
021	(a) precommissioning expenses	0.00	0.00
022	(b) precommissioning income	0.00	0.00
023	(c) net precommissioning expenditure	0.00	0.00
024	Impact due to change in Accounting policy:-	0.00	0.00
025	(a) Increase in profit/Decrease in depreciation for the year due to change in depreciation on RE assets (Competitive bidding)	0.00	0.00
026	(b) Decrease in profit due to the adjustment in grants recognized consequent to change in policy	0.00	0.00
027		0.00	0.00
028		0.00	0.00
029		0.00	0.00
030		0.00	0.00
031	Exchange rate variation taken to revenue during the year (with -ve sign, if favourable)	-43,908,182.70	-9,926,699.44
045	Exchange rate variation capitalised during the year (with -ve sign, if favourable)	-812,316.69	-5,038,351.75
050	Finance lease	0.00	0.00
051	A) obligations towards minimum lease payments	0.00	0.00
052	Not later than one year	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
053	Later than one year and not later than five years	0.00	0.00
054	Later than five years	0.00	0.00
055	**Total**	**0.00**	**0.00**
056	B) present value of (a) above	0.00	0.00
057	Not later than one year	0.00	0.00
058	Later than one year and not later than five years	0.00	0.00
059	Later than five years	0.00	0.00
060	**Total**	**0.00**	**0.00**
061	C) finance charges	0.00	0.00
062	Operating leases	0.00	0.00
063	A) rent	0.00	0.00
064	Company lease accomodation - executives	1,852,031.29	118,327.48
065	Company lease accomodation - directors	0.00	0.00
066	Others	0.00	0.00
067	**Total**	**1,852,031.29**	**118,327.48**
068	B) (i) receipts from sub-lease of office buildings	0.00	0.00
069	(ii) receipts from sub-lease of helicopter	0.00	0.00
070	Borrowing cost capitalised during the year	84,713,300.17	36,790,248.09
071	Revenue grants recognized during the year	0.00	0.00
072	Revenue expenditure on research and development	161,404.20	2,728,163.71
073	Capital expenditure on research and development.	620,201.00	88,739,595.00
074		0.00	0.00
075	Expenditure on sustainibility development - capital	1,661,720.00	1,146,743.00
076	Expenditure on csr- capital	0.00	0.00
077	Csr amount spent during the year, yet to be paid in cash	3,587,503.00	0.00
078	Constn/acquisition of any asset	0.00	0.00
079	On purpose other than above	0.00	0.00
080		0.00	0.00
081		0.00	0.00
082	Disclosure under msmed act 2006.	0.00	0.00
083	(i) (a) the principal amount remaining unpaid as at year end	230,019,040.46	172,416,677.29
084	(i) (b) interest due there on remaining unpaid as at Year end	0.00	0.00
085	(ii) the amount of interest paid by the buyer in terms of section 16, along with the amounts of the payment made to the supplier	0.00	0.00
086	(iii) the amount of interest due and payable for the period of delay in making payment(which has been paid but beyond the appoin	0.00	0.00
087	(iv) the amount of interest accrued and remaining unpaid at the end of the year; and	0.00	0.00
088	(v) the amount of further interest remaining due and payable even in the succeeding years, until such date when the interest due	0.00	0.00
111		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS **(Amount in ₹)**

	As at	31.03.2020	31.03.2019
112	Amount of inventories recognized as an expense (including fuel)	28,489,639,932.06	35,736,199,998.71
113	Amount of inventories capitalised as overhauling assets out of 112 above	71,200,717.51	32,844,885.32
114	Amount capitalised as edc out of 112 above	0.00	0.00
134		0.00	0.00
135	Contingent liabilities	0.00	0.00
136	A. Claims against the company not acknowledged as debts in respect of :	0.00	0.00
137	(i)Capital works	1,735,624,613.00	1,626,940,320.00
138	(ii)Land compensation cases	93,879,510.00	199,331,520.00
139	(iii)Others by state authorities towards:-	0.00	0.00
140	(a) Water royalty / water charges / nala tax	0.00	0.00
141	(b) Diversion of land / building permission fees	0.00	0.00
142	(c) Other demands by state authorities	0.00	0.00
143	(iv) Others by fuel companies	0.00	0.00
144	(a) Disputes related to grade slippage-third party sampling	1,712,342,618.00	3,401,233,221.00
145	(b) Surface transportation charges on coal	15,236,513.00	10,891,736.00
146	(c) Take or pay claim - Gas stations	0.00	0.00
147	(d) Other claims by fuel companies not acknowledged as debt	175,936,517.00	0.00
149	B.Disputed tax demands	0.00	0.00
150	(i) Income tax	0.00	0.00
151	(ii) Excise duty	0.00	0.00
152	(iii) Sales tax	90,848,620.00	82,887,264.00
153	(iv) Service tax	0.00	0.00
154	(v) Entry tax	31,835,152.00	26,789,124.00
155	C. Others	7,585,077.00	7,735,077.00
156	**Total**	**3,863,288,620.00**	**5,355,808,262.00**
157	D. Possible reimbursement on account of contingent liabilities	0.00	0.00
158	(i) Capital works	0.00	0.00
159	(ii)Land compensation cases	0.00	0.00
160	(iii)Others (by state authorities)	0.00	0.00
161		0.00	0.00
162	(iv) Others by fuel companies	1,727,579,131.00	3,412,124,957.00
163	(v) Disputed income tax demand	0.00	0.00
164	(vi) Disputed tax demands -others	0.00	0.00
165	(vii) Others	7,299,187.00	7,299,187.00
167	**Total**	**1,734,878,318.00**	**3,419,424,144.00**
168	E.AMOUNT PAID UNDER PROTEST/ADJUSTED BY AUTHORITIES - TAX CASES	0.00	14,005,010.00
169		0.00	0.00
170	F.CONTINGENT ASSETS	0.00	0.00
171		0.00	0.00
172		0.00	0.00
173		0.00	0.00

	As at	31.03.2020	31.03.2019
175	Previous year figures have been regrouped/rearranged wherever necessary.	0.00	0.00

एनटीपीसी NTPC
A Maharatna Company

NATIONAL CAPITAL POWER STATION

BALANCE SHEET

(Amount in ₹)

	As at	Note	31.03.2021	31.03.2020
001	**ASSETS**		**0.00**	**0.00**
002			**0.00**	**0.00**
003	**Non-Current Assets**		**0.00**	**0.00**
004	Property, plant and equipment	2	28,820,801,313.50	31,044,176,346.40
005	Capital-Work-in-Progress	3	6,967,374,720.07	6,280,354,640.55
006	Intangible Assets	4	1,374,040,108.32	1,473,049,263.68
007	Intangible Assets under Development	5	0.00	0.00
008	**Financial Assets**		**0.00**	**0.00**
009	i) Investments in Subsidiaries and Joint Ventures	6	0.00	0.00
010	ii) Investments	7	0.00	0.00
011	iii) Trade receivables	8	0.00	0.00
012	iv) Loans	9	221,241,078.07	206,166,578.28
013	v) Other financial assets	10	0.00	0.00
014	Other non-current assets	11	193,526,733.83	223,228,228.43
015	**Total non-current assets**		**37,576,983,953.79**	**39,228,975,057.34**
016			**0.00**	**0.00**
017	**Current Assets**		**0.00**	**0.00**
018	Inventories	12	3,307,743,707.39	7,245,150,901.09
019	**Financial assets**		**0.00**	**0.00**
020	i) Investments	13	0.00	0.00
021	ii) Trade receivables	14	0.00	0.00
022	iii) Cash and cash equivalents	15	128,755.00	429,634.63
023	iv) Bank balances other than cash and cash equivalents	16	0.00	0.00
024	v) Loans	17	112,975,682.58	112,120,287.45
025	vi) Other financial assets	18	53,684,543.62	-8,761,309.15
026	Current Tax Assets (net)		0.00	0.00
027			0.00	0.00
028	Other Current Assets	19	4,742,025,807.18	4,642,767,738.56
029			**0.00**	**0.00**
030	**Total Current Assets**		**8,216,558,495.67**	**11,991,797,252.58**
031	Regulatory deferral account debit balances	20	399,034,849.82	413,697,186.74
032	**TOTAL ASSETS**		**46,192,577,299.28**	**51,634,379,496.66**
034	**EQUITY AND LIABILITIES**		**0.00**	**0.00**
035	**Equity**		**0.00**	**0.00**
036	Equity Share capital	21	0.00	0.00
037	Other equity	22	133,943,075,526.64	126,818,766,324.24
040	**Total equity**		**133,943,075,526.64**	**126,818,766,324.24**
041			0.00	0.00
042	**Liabilities**		**0.00**	**0.00**
043	**Non-Current Liabilities**		**0.00**	**0.00**
044	**Financial liabilities**		**0.00**	**0.00**
045	i) Borrowings	23	0.00	0.00

Locked: 15.05.2021 - 18:56:18

Run on: 21.05.2021 - 10:56:53 Version: 0

एनटीपीसी NTPC
A Maharatna Company

NATIONAL CAPITAL POWER STATION

BALANCE SHEET

(Amount in ₹)

	As at	Note	31.03.2021	31.03.2020
046	**ii) Trade payables**		**0.00**	**0.00**
047	- Total outstanding dues of micro and small enterprises	24	3,432,605.74	4,983,895.09
048	- Total outstanding dues of creditors other than micro and small enterprises	24	1,529,995.58	3,756,280.37
049	iii) Other financial liabilities	25	812,678.74	794,777.24
050	Provisions	26	0.00	0.00
051	Deferred Tax Liabilities (net)	27	0.00	0.00
052	Other non-current liabilities	28	0.00	0.00
053			**0.00**	**0.00**
054	**Total non-current liabilities**		**5,775,280.06**	**9,534,952.70**
055			**0.00**	**0.00**
056	**Current Liabilities**		**0.00**	**0.00**
057	**Financial liabilities**		**0.00**	**0.00**
058	i) Borrowings	29	0.00	0.00
059	**ii) Trade Payables**		**0.00**	**0.00**
060	- Total outstanding dues of micro and small enterprises	30	105,656,010.95	135,458,742.19
061	- Total outstanding dues of creditors other than micro and small enterprises	30	1,742,572,616.08	3,111,241,777.42
062	iii) Other financial liabilities	31	2,827,672,747.17	3,147,245,192.43
063	Other current liabilities	32	89,019,133.34	136,137,196.70
064	Provisions	33	25,138,868.29	23,945,068.00
065	Current tax liabilities (net)	34	0.00	0.00
066			**0.00**	**0.00**
067	**Sub Total**		**4,790,059,375.83**	**6,554,027,976.74**
068			**0.00**	**0.00**
069	Deferred Revenue	35	130,567,000.00	149,915,000.00
070	Regulatory deferral account credit balances	36	0.00	0.00
071	Inter Unit Accounts		92,676,919,883.25	-81,897,664,757.02
072			**0.00**	**0.00**
073	**TOTAL EQUITY AND LIABILITIES**		**46,192,577,299.28**	**51,634,379,496.66**
074	Significant Accounting Policies as per Note 1	1	0.00	0.00
075			**0.00**	**0.00**
076	The accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00
077			0.00	0.00
078			**0.00**	**0.00**

(Auditor Initial & Stamp)

(Head of Finance)

दिनेश बहुगुणा
DINESH BAHUGUNA
महाप्रबंधक (वित्त)/ General Manager (Finance)
CGP-HQ, Hydro-HQ & In-charge SGC-Faridabad
एनटीपीसी लिमिटेड / NTPC Limited
(A Government of India Enterprises)
Village - Mujeki, PO - Neemka, Faridabad-121004 (HR.)

(Head of Unit)

सी. शिवकुमार
C. SIVAKUMAR
समूह महाप्रबंधक/ Group General Manager
एनटीपीसी-दादरी/NTPC-Dadri
डाकघर: विद्युतनगर/P.O.-Vidyutnagar
जिला: गौतम बुद्ध नगर-201008 उत्तर प्रदेश
Distt.: Gautam Budh Nagar- 201008 (U.P.)

Locked: 15.05.2021 - 18:56:16
Run on: 21.05.2021 - 10:56:53 Version: 0

NATIONAL CAPITAL POWER STATION

STATEMENT OF PROFIT AND LOSS

(Amount in ₹)

	For the Year ended	Note	31.03.2021	31.03.2020
001	**Revenue**		**0.00**	**0.00**
002	Revenue from operations	37	29,198,399,444.10	44,886,245,237.67
003	Other income	38	413,191,421.49	299,556,038.62
005	**Total Revenue**		**29,612,590,865.59**	**45,185,801,276.29**
007	**Expenses**		**0.00**	**0.00**
008	Fuel including cost of captive coal	38A	14,213,323,908.68	28,195,384,334.24
009	Employee benefits expense	39	2,213,553,183.34	2,271,928,606.51
010	Electricity purchased for trading		0.00	0.00
011	Finance costs	40	744,761,753.05	929,683,026.44
012	Depreciation and amortization expenses	41	3,059,349,887.74	3,241,839,841.93
013			0.00	0.00
014	Other expenses	42	1,964,639,108.82	1,842,853,303.85
015	CC expenses charge to revenue		542,517,222.32	660,426,313.09
016	Less: Unit expenses transferred to CC		75,611.27	0.00
017	**Total expenses**		**22,738,069,452.66**	**37,142,095,426.06**
020	**Profit before exceptional items & tax**		**6,874,521,412.93**	**8,043,705,850.23**
021	Exceptional items		0.00	0.00
024	**Profit before tax**		**6,874,521,412.93**	**8,043,705,850.23**
027	**Tax expense:**		**0.00**	**0.00**
028	Current tax		0.00	0.00
029	Deferred tax		0.00	0.00
030			0.00	0.00
031	**Total Tax expense**		**0.00**	**0.00**
032	**Profit for the period before regulatory deferral account balances**		**6,874,521,412.93**	**8,043,705,850.23**
033	**Movement in regulatory deferral account balances**		**0.00**	**0.00**
034	Regulatory deferred account - deferred		0.00	0.00
035	Others		-14,662,336.92	14,436,760.48
036	Tax impact on Regulatory deferral account balances		0.00	0.00
037	**Movement in Regulatory deferrall account balances (Net of Tax)**		**-14,662,336.92**	**14,436,760.48**
038	**Profit for the period/ year**		**6,859,859,076.01**	**8,058,142,610.71**
039	**Other comprehensive income**		**0.00**	**0.00**
040	**(A) Items that will not be reclassified to profit or loss**		**0.00**	**0.00**
041	- Net gains/(losses) on fair value of equity instruments through other comprehensive income		0.00	0.00
042	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
043	- Net actuial gains/(losses) on defined benefit plans		-35,893,386.77	-79,629,032.73
044	Income tax on above that will not be reclassified to profit or loss		0.00	0.00

Locked: 15.05.2021 - 18:56:03

Run on: 21.05.2021 - 10:57:04 Version: 0

एनटीपीसी
NTPC
A Maharatna Company

NATIONAL CAPITAL POWER STATION

STATEMENT OF PROFIT AND LOSS

(Amount in ₹)

	For the Year ended	Note	31.03.2021	31.03.2020
048			0.00	0.00
049	**Other comprehensive income for the year, net of income tax**		**-35,893,386.77**	**-75,629,032.73**
050			0.00	0.00
051	**Total Comprehensive Income for the year**		**6,823,965,689.24**	**7,982,513,577.98**
065			0.00	0.00
066	**Earnings per equity share:**		**0.00**	**0.00**
067	Basic & Diluted		0.00	0.00
068	Significant Accounting Policies		0.00	0.00
069	Expenditure during construction period (Net)/Dev. of coal mines (net) 43 /43A		0.00	0.00
070	The accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00

(Auditor Initial & Stamp)

(Head of Finance)

दिनेश बहुगुणा
DINESH BAHUGUNA
महाप्रबंधक (वित्त) / General Manager (Finance)
DBF-HQ, Hydro-HQ & In-charge SSC-Faridabad
एनटीपीसी लिमिटेड / NTPC Limited
(A Government of India Enterprises)
Village : Mujadi, P.O. Neemka, Faridabad-121004 (Hr.)

(Head of Unit)

सी. शिवकुमार
C. SIVAKUMAR
समूह महाप्रबंधक / Group General Manager
एनटीपीसी-दादरी/NTPC-Dadri
डाकघर: विद्युतनगर/P.O.:Vidyutnagar
जिला: गौतम बुद्ध नगर-201008 उत्तर प्रदेश
Distt.: Gautam Budh Nagar- 201008 (U.P.

Locked: 15.05.2021 - 18:56:03
Run on: 21.05.2021 - 10:57:04 Version: 0

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2021	Opening Depreciation As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2021	Net Block As At 31.03.2021	Net Block As At 31.03.2020
1 TANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 Land : (including development expenses)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 Freehold	1733803963.71	0.00	49100115.37	1782904079.08	0.00	0.00	0.00	0.00	1782904079.08	1733803963.71
4 Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5 Submergence	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Right of use - Coal Bearing Area Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7 Roads,bridges, culverts & helipads	361443748.77	0.00	0.00	361443748.77	84487270.24	14396393.97	0.00	98883664.21	262560084.56	276956478.53
8 Building :	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Main plant	3155929131.51	0.00	0.00	3155929131.51	645641385.96	120894805.57	0.00	766536191.53	2389392939.98	2510287745.55
11 Others	787267580.93	0.00	4287124.48	791554705.41	200285969.92	28492399.11	0.00	228778369.03	562776336.38	586981611.01
12 Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 Temporary erection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14 Water Supply, drainage & sewerage system	154520013.72	1599839.72	1203951.21	157323804.65	37027378.65	7722865.45	0.00	44750244.10	112573560.55	117492635.07
15 Hydraulic works, barrages, dams, tunnels and power channel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16 MGR track and signalling system	93189487.30	0.00	0.00	93189487.30	24610078.18	4066157.82	0.00	28676236.00	64513251.30	68579409.12
17 Railway siding	709797802.41	0.00	0.00	709797802.41	273233329.38	31423995.24	0.00	304657324.62	405140477.79	436564473.03
18 Earth dam reservoir	400144447.04	0.00	0.00	400144447.04	75707329.37	21127626.80	0.00	96834956.17	303309490.87	324437117.67
19 Plant and machinery(including associated civil works) Owned Asset	37813302390.77	661596651.87	28857007.21	38503756049.85	13266677315.61	2747619498.98	(25868306.96)	15988428507.63	22515327542.22	24546625075.16

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2021	Opening Depreciation As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2021	Net Block As At 31.03.2021	Net Block As At 31.03.2020
20 Plant and machinery(including associated civil works) -Right of use Asset	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 Furniture and fixtures	200720384.83	0.00	8946814.36	209667199.19	70642478.39	18460396.11	1263399.02	90366273.52	119300925.67	130077906.44
22 Assets under 5 Km Scheme	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 Vehicles including speedboats / helicopter-Owned	1000108.49	0.00	38260.24	1038368.73	619324.89	24619.70	29786.44	673731.03	364637.70	380783.60
24 Vehicles including speedboats / helicopter - Leased	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Office equipment	103684863.63	10494076.50	1011889.00	115190829.13	53034674.09	7960060.79	663492.86	61658227.74	53532601.39	50650189.54
26 EDP, WP machines and satcom equipment	65315149.84	16615309.32	(5713248.46)	76217210.70	54632949.66	8998253.36	(5713248.46)	57917954.56	18299256.14	10682200.18
27 Construction equipments	140845849.15	0.00	(2072930.30)	138772918.85	64786507.07	9547634.74	0.00	74334141.81	64438777.04	76059342.08
28 Electrical Installations	205933828.75	1846354.23	(246580.00)	207533602.98	65551264.08	19852066.76	(100527.51)	85302803.33	122230799.65	140382564.67
29 Communication equipments	29627374.06	293033.00	(44944.00)	29875463.06	16282034.06	1996914.97	0.00	18278949.03	11596514.03	13345340.00
30 Hospital equipments	17339464.31	13337164.00	0.00	30676628.31	4881448.57	1124295.80	0.00	6005744.37	24670883.94	12458015.74
31 Laboratory and workshop equipments	9948188.38	0.00	0.00	9948188.38	1536693.08	542340.09	0.00	2079033.17	7869155.21	8411495.30
32 Capital expenditure on assets not owned by the Company	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 Assets of Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2021	Opening Depreciation As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2021	Net Block As At 31.03.2021	Net Block As At 31.03.2020
34 Less:Grants from Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35 Less: Recoverable from GOI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36 Assets for ash utilisation	159294730.39	116555.13	0.00	159411285.52	0.00	0.00	0.00	0.00	159411285.52	159294730.39
37 (Less):-Adjusted from fly ash utilisation reserve fund	159294730.39	116555.13	0.00	159411285.52	0.00	0.00	0.00	0.00	159411285.52	159294730.39
38 Site Restoration Cost	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39 Mining Properties	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total (Tangible)	45983813777.60	705782428.64	85367459.11	46774963665.35	14939637431.20	3044250325.26	(29725404.61)	17954162351.85	28820801313.50	31044176346.40
Grand Total Prev Year (Tangible)	44721746369.20	1308953196.06	(46885787.66)	45983813777.60	12025393938.23	3353878196.92	(439634703.95)	14939637431.20	31044176346.40	32696352430.97

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	**Gross Block**		**Depreciation/Amortization**	
	Tangible As At: 31.03.2021	**Tangible As At: 31.03.2020**	**Tangible As At: 31.03.2021**	**Tangible As At: 31.03.2020**
Disposal of assets	(5507239.40)	(4345202.09)	(5507239.40)	(4345202.09)
Retirement of assets	(45930327.81)	(479955025.29)	(26020629.40)	(432886250.32)
Cost adjustments	132936683.61	440447512.52	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	3868342.71	(3033072.80)	1802464.19	(2403251.54)
Others	0.00	0.00	0.00	0.00
TOTAL	**85367459.11**	**(46885787.66)**	**(29725404.61)**	**(439634703.95)**

Note forming part of Balance Sheet
Note 3: Capital-Work-in-Progress
Business Area: NATIONAL CAPITAL POWER STATION

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2020	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2021
	1	2	3	4	5	6
1	CAPITAL WORK-IN-PROGRESS					
2	Development of land					
3	Roads, bridges, culverts & helipads		67734.28	(67734.28)		
4	Piling and foundation					
5	Buildings :					
6	Main plant		1535808.84			1535808.84
7	Others		4393747.25	(4287124.48)		106622.77
8	Temporary erection					
9	Water supply, drainage and sewerage system		2852611.78	(1252772.06)	1599839.72	
10	Hydraulic works, barrages, dams, tunnels and power channel					
11	MGR track and signalling system					
12	Railway siding					
13	Earth dam reservoir	3771196.00	45406576.78			49177772.78
14	Plant and equipment	5924273323.49	1460301711.14	(137141507.76)	564806339.63	6682627187.24
15	Furniture and fixtures	730800.03	6078108.84	(6321708.84)		487200.03
16	Vehicles					
17	Office equipment					
18	EDP/WP machines & satcom equipment					
19	Construction equipments					
20	Electrical installations					
21	Communication equipment					
22	Hospital equipments					
23	Laboratory and workshop equipments					
24	Assets under 5Km Scheme of the GOI					
25	Capital expenditure on assets not owned by the company					
26	Expenditure towards development of coal mines					
27	Survey,Investigation,Consultancy & Supervision Cha					
28	Difference in exchange on foreign currency loans					

Note forming part of Balance Sheet
Note 3: Capital-Work-in-Progress
Business Area: NATIONAL CAPITAL POWER STATION

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2020	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2021
	1	2	3	4	5	6
29	Expenditure towards diversion of forest land					
30	Pre-commissioning expenses (net)					
31	ExpPendAlloca-oth ex attribut Project					
32	Expenditure During Construction Period (net)*		144529807.03	(792207.00)		143737600.03
33	LESS : Allocated to related works		143737600.03			143737600.03
34	LESS : Provision for Unservicable works					
35	**Construction stores (At Cost)**					
36	Steel	9512248.13	1333869.43	(1618762.19)		9227355.37
37	Cement	2251905.89	2825512.00	(2795996.46)		2281421.43
38	Others	339815167.01	56280709.68	(174164525.08)		221931351.61
39	**Sub-total**	**351579321.03**	**60440091.11**	**(178579283.73)**		**233440128.41**
40	LESS : Provision for shortages					
41	**Sub-total**	**351579321.03**	**60440091.11**	**(178579283.73)**		**233440128.41**
42	**Total CWIP**	**6280354640.55**	**1581868597.02**	**(328442338.15)**	**566406179.35**	**6967374720.07**
43						
44						
45	**PREVIOUS YEAR TOTAL**	**3295217386.46**	**4649695241.91**	**(653336915.70)**	**922295967.54**	**6280354640.55**

Note forming part of Balance Sheet
Note-4 Non Current Assets- Intangible Assets
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2021	Opening Depreciation As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2021	Net Block As At 31.03.2021	Net Block As At 31.03.2020
INTANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1 Right to Use- Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 -Others	1971860852.66	0.00	0.00	1971860852.66	498856428.98	99864706.69	0.00	598721135.67	1373139716.99	1473004423.68
3 -Software	1695972.83	1325807.00	0.00	3021779.83	1651132.83	470255.67	0.00	2121388.50	900391.33	44840.00
Grand Total (Intangible)	1973556825.49	1325807.00	0.00	1974882632.49	500507561.81	100334962.36	0.00	600842524.17	1374040108.32	1473049263.68
Grand Total Prev Year (Intangible)	1973556825.49	0.00	0.00	1973556825.49	400557014.43	99950547.38	0.00	500507561.81	1473049263.68	1572999811.06

Note forming part of Balance Sheet
Note-4 Non Current Assets- Intangible Assets
Business Area :1011

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	**Gross Block**		**Depreciation/Amortization**	
	InTangible As At: 31.03.2021	**InTangible As At: 31.03.2020**	**InTangible As At: 31.03.2021**	**InTangible As At: 31.03.2020**
Disposal of assets	0.00	0.00	0.00	0.00
Retirement of assets	0.00	0.00	0.00	0.00
Cost adjustments	0.00	0.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	0.00	0.00	0.00	0.00
Others	0.00	0.00	0.00	0.00
TOTAL	**0.00**	**0.00**	**0.00**	**0.00**

Note forming part of Balance Sheet
Note 5: Intangible Assets under Development
Business Area: NATIONAL CAPITAL POWER STATION

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2020	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2021
	1	2	3	4	5	6
1	INTANGIBLE ASSETS UNDER DEVELOPMENT					
2	Software					
3	Right to use Others					
4	Exploration and Evaluation Expentiture - Coal Mini					
5	Exploratory wells-in-progress					
6	**Less: Provision for exploratory wells-in-progress**					
7	**Total**					
8	**PREVIOUS YEAR TOTAL-I**					

NATIONAL CAPITAL POWER STATION

NOTE NO. 6 TO THE FS-NCA-INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2021	31.03.2020
001	**NON CURRENT INVESTMENTS-Investments in subsidiaries and joint ventures**			**0.00**	**0.00**
012	**Equity Instruments - Unquoted-(fully paid up unless otherwise stated, at cost)**			**0.00**	**0.00**
013	**Subsidiary Companies**			**0.00**	**0.00**
014	Patratu Vidyut Utpadan Nigam Ltd.			0.00	0.00
015	NTPC Electric Supply Company Ltd.			0.00	0.00
016	NTPC Vidyut Vyapar Nigam Ltd.			0.00	0.00
017	Nabinagar Power Generating Company Ltd.			0.00	0.00
018	Kanti Bijlee Utpadan Nigam Ltd.			0.00	0.00
019	Bhartiya Rail Bijlee Company Ltd.			0.00	0.00
020	NTPC Mining Ltd (NML)			0.00	0.00
021	THDC India Ltd.			0.00	0.00
022	NEEPCO LTD.			0.00	0.00
023	NTPC EDMC Waste Solutions Pvt Ltd			0.00	0.00
024	NTPC Renewables Energy Ltd			0.00	0.00
025	Ratnagiri Gas & Power Pvt. Limited (RGPPL)			0.00	0.00
026				0.00	0.00
027				0.00	0.00
028				0.00	0.00
029				0.00	0.00
030	**Sub Total**			**0.00**	**0.00**
055	**Joint Venture Companies**			**0.00**	**0.00**
056	Utility Powertech Ltd.			0.00	0.00
057	NTPC GE Power Services Pvt.Ltd.			0.00	0.00
058	NTPC-SAIL Power Company Ltd.			0.00	0.00
059	NTPC-Tamil Nadu Energy Company Ltd.			0.00	0.00
060	Ratnagiri Gas & Power Pvt. Limited (RGPPL)			0.00	0.00

NOTE NO. 6 TO THE FS-NCA-INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2021	31.03.2020
061	Aravali Power Company Private Ltd.			0.00	0.00
062				0.00	0.00
063	NTPC BHEL Power Projects Private Ltd.			0.00	0.00
064	Meja Urja Nigam Private Limited			0.00	0.00
065	BF-NTPC Energy Systems Ltd.			0.00	0.00
066				0.00	0.00
067	Nabinagar Power Generating Company Ltd.			0.00	0.00
068	Transformer and Electrical Kerala Ltd.			0.00	0.00
069	National High Power Test Labortory Private Ltd.			0.00	0.00
070				0.00	0.00
071	CIL NTPC Urja Private Ltd.			0.00	0.00
072	Anushakti Vidhyut Nigam Ltd.			0.00	0.00
073	Energy Efficiency Services Ltd.			0.00	0.00
074				0.00	0.00
075	Trincomalee Power Company Ltd.			0.00	0.00
076	Bangladesh-India Friendship Power Company (Pvt.) Ltd.			0.00	0.00
077	Hindustan Urvarak & Rasayan Limited			0.00	0.00
078	Konkan LNG Ltd			0.00	0.00
079				0.00	0.00
081	**Sub Total**			**0.00**	**0.00**
109	Aggregate amount of impairment in the value of investments			0.00	0.00
110	Total (net of impairment) of JV			0.00	0.00
111	Gross Total of Investments			0.00	0.00
134	**Total**			**0.00**	**0.00**
135	Details of Investments			0.00	0.00
136	Aggregate amount of Unquoted Investments			0.00	0.00

NOTE NO. 6 TO THE FS-NCA-INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2021	31.03.2020
141				0.00	0.00
142				0.00	0.00
143				0.00	0.00
144				0.00	0.00
145				0.00	0.00
153	Valuation of Investments as per Note 1.			0.00	0.00
154				0.00	0.00
202				0.00	0.00
233				0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 7 TO THE FS-NCA-INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2021	31.03.2020
001	Non-current financial assets (investments)			0.00	0.00
006	**Long Term - Trade**			**0.00**	**0.00**
007	**Equity Instruments (fully paid up-unless otherwise stated)**			**0.00**	**0.00**
008	**Quoted**			**0.00**	**0.00**
009	**Joint Venture Companies**			**0.00**	**0.00**
010	PTC India Ltd.			0.00	0.00
070	International Coal Ventures Private Ltd.			0.00	0.00
075	BF-NTPC Energy Systems Ltd.			0.00	0.00
098				0.00	0.00
110	Cooperative Societies			0.00	0.00
111	**Sub Total**			**0.00**	**0.00**
112	Aggregate amount of impairment in the value of investments			0.00	0.00
115	**Total**			**0.00**	**0.00**
120				0.00	0.00
146	NTPC Employees Consumers and Thrift Co-operative Society Ltd. Korba			0.00	0.00
147	NTPC Employees Consumers and Thrift Cooperative Society Ltd. RSTPP			0.00	0.00
148	NTPC Employees Consumers Cooperative Society Ltd. Farakka			0.00	0.00
149	NTPC Employees Consumers Cooperative Society Ltd. Vindhyachal			0.00	0.00
150	NTPC Employees Consumers Cooperative Society Ltd. Anta			0.00	0.00
151	NTPC Employees Consumers Cooperative Society Ltd. Kawas			0.00	0.00
152	NTPC Employees Consumers Cooperative Society Ltd. Kaniha			0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 8 TO THE FS-NCA-TRADE RECEIVABLES **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	Non-current financial assets - Trade receivables	0.00	0.00
002	Unsecured, considered good	0.00	0.00
003	Credit impaired	0.00	0.00
004		0.00	0.00
005		0.00	0.00
006	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 9 TO THE FS-NCA-LOANS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**Loans (Non Current)**	**0.00**	**0.00**
004	Related Parties	0.00	0.00
005	Secured	0.00	0.00
006	Un-Secured	0.00	0.00
007	With significant increase in Credit Risk	0.00	0.00
008	Credit impaired	0.00	0.00
009		0.00	0.00
010	Employees(including accrued interest)	0.00	0.00
011	Secured	197,896,223.42	166,524,678.96
012	Unsecured	90,813,198.20	112,461,930.09
013	With significant increase in Credit Risk	0.00	0.00
014	Credit impaired	0.00	0.00
015	Less : Employee Loans Discounting	0.00	0.00
016	Secured	51,608,617.52	47,492,789.94
017	Unsecured	15,859,726.03	23,327,240.83
018	Loan to State Government in settlement of dues from customers (Unsecured)	0.00	0.00
019	Others	0.00	0.00
020	Secured	0.00	0.00
021	Unsecured	0.00	0.00
022	With significant increase in Credit Risk	0.00	0.00
023	Credit impaired	0.00	0.00
024	Less: Allowance for credit impaired loans	0.00	0.00
025	**Sub Total**	**221,241,078.07**	**208,166,578.28**
026		0.00	0.00
027	**Total**	**221,241,078.07**	**208,166,578.28**
028		0.00	0.00
029		0.00	0.00
030	**Due from Directors and Officers of the Company**	**0.00**	**0.00**
031	Directors	0.00	0.00
032	Officers	0.00	0.00
033		**0.00**	**0.00**
034	**Loans to related parties include:**	**0.00**	**0.00**
035	i)Key management personel	0.00	0.00
036	ii)Subsidiary companies	0.00	0.00
037	iii)Joint Venture companies	0.00	0.00
038	iv)Others	0.00	0.00
039		**0.00**	**0.00**
054	Other loans represent loans given to	0.00	0.00
055	a) APIIC	0.00	0.00
060		0.00	0.00
061	RPD	0.00	0.00
062	i)Key management personel	0.00	0.00
063	ii)Subsidiary companies	0.00	0.00
064	iii)Joint Venture companies	0.00	0.00
065	iv)Others	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 9 TO THE FS-NCA-LOANS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
066	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 10 TO THE FS-NCA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**Other Financial Assets (non current)**	**0.00**	**0.00**
002		0.00	0.00
003	**Share application money pending allotment in (Subsidiary Companies) :**	**0.00**	**0.00**
004	NTPC Electric Supply Company Ltd.	0.00	0.00
005	NTPC Vidyut Vyapar Nigam Ltd.	0.00	0.00
006	Nabinagar Power Generating Company Ltd.	0.00	0.00
007	Kanti Bijlee Utpadan Nigam Ltd.	0.00	0.00
008	Bhartiya Rail Bijlee Company Ltd.	0.00	0.00
009	Patratu Vidyut Utpadan Nigam Ltd.	0.00	0.00
010	NTPC Mining Limited	0.00	0.00
011	THDC Ltd.	0.00	0.00
012	NEEPCO Ltd	0.00	0.00
013		0.00	0.00
014	**Total**	**0.00**	**0.00**
015	**Share application money pending allotment (Joint Venture)**	**0.00**	**0.00**
016	Utility Powertech Ltd.	0.00	0.00
017	NTPC GE Power Services Pvt.Ltd.	0.00	0.00
018	NTPC-SAIL Power Company Ltd.	0.00	0.00
019	NTPC-Tamil Nadu Energy Company Ltd.	0.00	0.00
020	Ratnagiri Gas & Power Private Ltd.	0.00	0.00
021	Aravali Power Company Private Ltd.	0.00	0.00
022		0.00	0.00
023	NTPC BHEL Power Projects Private Ltd.	0.00	0.00
024	Meja Urja Nigam Private Limited	0.00	0.00
025	BF-NTPC Energy Systems Ltd.	0.00	0.00
026	Anushakti Vidhyut Nigam Ltd.	0.00	0.00
027	Nabinagar Power Generating Company Ltd.	0.00	0.00
028	Energy Efficiency Services Ltd.	0.00	0.00
029	National High Power Test Labortory Private Ltd.	0.00	0.00
030		0.00	0.00
031	CIL NTPC Urja Private Ltd.	0.00	0.00
032	Trincomalee Power Company Ltd.	0.00	0.00
033	Hindustan Urvarak & Rasayan Limited	0.00	0.00
034	Bangladesh-India Friendship Power Company Private Ltd.	0.00	0.00
035	**Sub Total**	**0.00**	**0.00**
036		0.00	0.00
037	Claims Recoverable	0.00	0.00
038	Finance Lease Recoverable	0.00	0.00
039	Mine Closure Deposit	0.00	0.00
041	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**Other Non-current Assets**	**0.00**	**0.00**
002		**0.00**	**0.00**
003	**CAPITAL ADVANCES**	**0.00**	**0.00**
004	Secured	0.00	0.00
005	Unsecured	0.00	0.00
006	Covered by Bank Guarantee	126,289,452.42	46,873,388.93
007	Others	3,388,484.55	111,473,136.87
008	Considered doubtful	18,594,445.00	18,594,445.00
009	Less: Allowance for bad & doubtful advances	18,594,445.00	18,594,445.00
010	**Sub-Total**	**129,677,936.97**	**158,346,525.80**
011		0.00	0.00
012	Advances other than capital advances	0.00	0.00
013	Security deposits	2,680,000.00	0.00
019	Advances to Related parties	0.00	0.00
022	**Advances to Contractors & Suppliers**	**0.00**	**0.00**
023	Secured	0.00	0.00
024	Unsecured	0.00	0.00
025	Considered Doubtful	0.00	0.00
026	Less: Allowance for bad & doubtful advances	0.00	0.00
027	**Sub Total**	**2,680,000.00**	**0.00**
028	Receivable from MCP Escrow A/c	0.00	0.00
039	Advance tax & tax deducted at source	3,981,869.59	3,039,981.50
040	Less:- Provision for current tax	0.00	0.00
041		0.00	0.00
042	**Sub Total**	**3,981,869.59**	**3,039,981.50**
043	Deferred Payroll Expenses (Secured)	44,962,095.30	42,070,822.03
044	Deferred Payroll Expenses (Unsecured)	12,223,831.97	19,769,899.10
045	**Sub Total**	**57,185,927.27**	**61,840,721.13**
046	Deferred Foreign Currency Fluctuation Asset	1,000.00	1,000.00
048	**Total**	**193,526,733.83**	**223,228,228.43**
049		0.00	0.00
050		0.00	0.00
061	Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
063		0.00	0.00
064	NTPC GE Power Services Pvt.Ltd.	0.00	0.00
065		0.00	0.00
066	Ratnagiri Gas & Power Private Ltd.	0.00	0.00
067	Aravali Power Company Private Ltd.	0.00	0.00
068	NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00
069	NTPC BHEL Power Projects Private Ltd.	0.00	0.00
070	Meja Urja Nigam Private Limited	0.00	0.00
071	Nabinagar Power Generating Company Ltd.	0.00	0.00
072	National High Power Test Labortory Private Ltd.	0.00	0.00
074	CIL NTPC Urja Private Ltd.	0.00	0.00
076		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
077	**Related Party (Adv)**	**0.00**	**0.00**
078	Key Management personel	0.00	0.00
079	Subsidiary companies	0.00	0.00
080	Joint Venture companies	0.00	0.00
081	Contractors	0.00	0.00
082	Others	0.00	0.00
084		0.00	0.00
085	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 12 TO THE FS-CA-INVENTORIES **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**INVENTORIES**	**0.00**	**0.00**
002		**0.00**	**0.00**
003	Coal	1,281,548,988.29	5,139,165,754.07
004	Fuel oil	174,108,354.58	361,938,902.63
005	Naphtha	0.00	0.00
006	Stores and spares	1,455,539,967.56	1,349,309,221.77
007	Chemicals & consumables	106,039,717.16	102,382,585.31
008	Loose tools	6,098,495.86	6,026,768.72
009	Steel Scrap	2,340,854.93	2,266,913.48
010	Others*	380,421,662.52	372,478,768.79
011	**Sub Total**	**3,406,098,040.90**	**7,333,568,914.77**
012	Less: Provision for shortages	39,067,579.52	29,131,134.69
013	Less: Provision for obsolete/ unservicable/dimunition in value of surplus inventory	59,286,753.99	59,286,878.99
014		0.00	0.00
015	**Total**	**3,307,743,707.39**	**7,245,150,901.09**
016	**Inventories include material in transit**	**0.00**	**0.00**
017	Coal	0.00	313,273,179.32
018	Fuel oil	0.00	0.00
019	Naphtha	0.00	0.00
020	Stores and spares	12,708,126.46	2,714,030.16
021	Chemicals & consumables	972,000.00	1,734,671.60
022	Loose tools	0.00	0.00
023	Others	148,129.43	1,317,900.11
024		**0.00**	**0.00**
025	Inventory items other than steel scrap have been valued considering Note 1.	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 13 TO THE FS-CA-INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2021	31.03.2020
001	**CURRENT INVESTMENTS**			**0.00**	**0.00**
002	**(Valuation as per Note 1)**			**0.00**	**0.00**
003				0.00	0.00
033	Investment in Mutual Funds (Details as under)			0.00	0.00
034	SBI-Magnum Insta Cash Fund-DDR			0.00	0.00
035	SBI Premier Liquid Fund Super-IP-DDR			0.00	0.00
036	SBI-SHF Ultra Short Term Fund-IP-DDR			0.00	0.00
037	UTI Money Market- IP-Direct-Growth			0.00	0.00
038	IDBI-Liquid plan- Direct-Growth			0.00	0.00
039	Canara Robeco Liquid Fund Super-IP-DDR			0.00	0.00
040	Canara Robeco Treasury Advantage Fund Super-IP-DDR			0.00	0.00
041	IDBI Liquid Fund-DDR			0.00	0.00
042	SBI Premier Liquid fund-Direct DDR (Ash Fund)			0.00	0.00
043	UTI Liquid CashPlan - IP - DDR (Ash Funds)			0.00	0.00
044	IDBI Liquid Fund - DDR - (Ash Funds)			0.00	0.00
045	Baroda Liquid Fund - Direct - Growth			0.00	0.00
046	**Sub Total**			**0.00**	**0.00**
047				**0.00**	**0.00**
052	**Unquoted Investments**			**0.00**	**0.00**
054				0.00	0.00
066	**TOTAL**			**0.00**	**0.00**
067				0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 14 TO THE FS-CA-TRADE RECEIVABLES **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**TRADE RECEIVABLES (current)***	**0.00**	**0.00**
002		0.00	0.00
003	Secured,Considered Good	0.00	0.00
004	Unsecured , considered good	0.00	0.00
005	Credit impaired	0.00	0.00
006	**Sub-Total**	**0.00**	**0.00**
007	**Total**	**0.00**	**0.00**
008	Less: Allowance for credit impaired receivables	0.00	0.00
009	**Total**	**0.00**	**0.00**
010	Less: Discom Clearing	0.00	0.00
012	**Grand Total**	**0.00**	**0.00**
013	* After adjustment for Unbilled Revenue	0.00	0.00
014	Long-term trade receivables	0.00	0.00
015	TCS Clearing	0.00	0.00
016	Discom Clearing	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 15 TO THE FS-CA-CASH AND CASH EQUIVALENTS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**CASH & BANK BALANCES**	**0.00**	**0.00**
002	**Cash & Cash Equivalents**	**0.00**	**0.00**
003	Balances with Banks	0.00	271,992.63
004	Cheques & Drafts on hand	0.00	0.00
005	Cash on hand	0.00	0.00
006	Others (stamps in hand)	128,755.00	157,642.00
007	Bank deposits with original maturity upto three months	0.00	0.00
008	Balances with RBI	0.00	0.00
009		0.00	0.00
010	**Total**	**128,755.00**	**429,634.63**

NATIONAL CAPITAL POWER STATION

NOTE NO. 16 TO THE FS-CA-BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**Other Bank Balances**	**0.00**	**0.00**
002	Deposits with original maturity of more than three months but not more than twelve months	0.00	0.00
003	Earmarked balances with banks*	0.00	0.00
004	**SubTotal**	**0.00**	**0.00**
005	Interest accrued on deposits	0.00	0.00
006		0.00	0.00
007	**Total**	**0.00**	**0.00**
008		0.00	0.00
009	**Earmarked balances with banks consist of :**	**0.00**	**0.00**
010	Unpaid dividend account balance	0.00	0.00
011	Towards public deposit repayment reserve	0.00	0.00
012	Towards redemption of bonds due for repayment within one year	0.00	0.00
013	Security with Government/other authorities	0.00	0.00
014	Unpaid refund/interest account balance - Tax free bonds/ Bonus Debentures	0.00	0.00
015	Earmarked for RGGVY/DDUGJY/SAUBHAGYA Fund	0.00	0.00
016	Earmarked for Flyash Utilisation Reserve Fund	0.00	0.00
017	Deposits with original maturity upto three months as per court orders	0.00	0.00
018	Payment Security Scheme of MNRE NSM (NTPC)	0.00	0.00
019	Payment Security Scheme of MNRE NSM (NVVN)	0.00	0.00
020	Enforcement Directorate of Solar Plant(NVVN)	0.00	0.00
021	Bank guarantee Fund of MNRE (NVVN)	0.00	0.00
022	Others	0.00	0.00
023		0.00	0.00
024		0.00	0.00
025		0.00	0.00
026	**Sub-total**	**0.00**	**0.00**
030	**Total**	**0.00**	**0.00**
031		0.00	0.00
032	Bank deposits with original maturity of less than three months- other than earmarked	0.00	0.00
033	Bank deposits with original maturity of more than three months but not more than twelve months- other than earmarked	0.00	0.00
034	Earmarked bank balances (current account)	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 17 TO THE FS-CA-LOANS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**Current financial assets - Loans**	**0.00**	**0.00**
002	**Loans (current)-including interest accrued**	**0.00**	**0.00**
004	**Related Parties**	**0.00**	**0.00**
005	Secured	0.00	0.00
006	Un-Secured	0.00	0.00
007	With significant increase in Credit Risk	0.00	0.00
008	Credit impaired	0.00	0.00
009		**0.00**	**0.00**
010	**Employees**	**0.00**	**0.00**
011	Secured	40,415,720.79	39,134,434.46
012	Unsecured	72,559,961.79	72,985,852.99
013	With significant increase in Credit Risk	0.00	0.00
014	Credit impaired	0.00	0.00
015	Less : Employee Loans Discounting	0.00	0.00
016	**Loan to State Government in settlement of dues from customers (Unsecured)**	**0.00**	**0.00**
017		0.00	0.00
018	**Others**	**0.00**	**0.00**
019	Secured	0.00	0.00
020	Unsecured	0.00	0.00
021	With significant increase in Credit Risk	0.00	0.00
022	Credit impaired	0.00	0.00
023		**0.00**	**0.00**
024	Less: Allowance for credit impaired loans	0.00	0.00
025	**Total (Loans)**	**112,975,682.58**	**112,120,287.45**
026		**0.00**	**0.00**
027	**Due from Directors and Officers of the Company**	**0.00**	**0.00**
028	Directors	0.00	0.00
029	Officers	0.00	0.00
030		**0.00**	**0.00**
031	**Loans to related parties include:**	**0.00**	**0.00**
032	i)Key management personel	0.00	0.00
033	ii)Subsidiary companies	0.00	0.00
034	KBUNL	0.00	0.00
035	RGPPL	0.00	0.00
036	NVVN	0.00	0.00
037	iii)Joint Venture companies	0.00	0.00
038	iv)others	0.00	0.00
039		0.00	0.00
059	RPD	0.00	0.00
060	i)Key management personel	0.00	0.00
061	ii)Subsidiary companies	0.00	0.00
062	iii)Joint Venture companies	0.00	0.00
063	iv)Others	0.00	0.00
064		0.00	0.00
065	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**Other Financial Assets (current)**	**0.00**	**0.00**
002		0.00	0.00
003	**ADVANCES**	**0.00**	**0.00**
004		**0.00**	**0.00**
005	**Related Parties**	**0.00**	**0.00**
006	Secured	0.00	0.00
007	Un-Secured	-11,321,245.10	-32,171,892.85
008	Considered doubtful	0.00	0.00
009		**0.00**	**0.00**
010	**Employees**	**0.00**	**0.00**
012	Unsecured	3,971,858.22	5,271,605.17
013	Considered Doubtful	0.00	0.00
014		**0.00**	**0.00**
020	**Others**	**0.00**	**0.00**
021	Secured	0.00	0.00
022	Unsecured	-926,920.20	0.00
023	Considered Doubtful	0.00	0.00
024		**0.00**	**0.00**
025	Less: Allowance for bad & doubtful advances	0.00	0.00
026		**0.00**	**0.00**
033	**Total (Advances)**	**-8,276,307.08**	**-26,900,287.68**
044		**0.00**	**0.00**
045	**Claims Recoverable**	**0.00**	**0.00**
046	Secured	0.00	0.00
047	Unsecured, considered good	2,551,126.00	2,412,747.00
048	Considered Doubtful	375,353.48	0.00
049	Less:- Allowance for doubtful claims	375,353.48	0.00
050	Others-Claims Recoverable	0.00	0.00
051		**0.00**	**0.00**
052	Unbilled Revenue	0.00	0.00
053	Hedging cost recoverable from beneficiaries	0.00	0.00
054	Derivative MTM Asset	0.00	0.00
055	Finance Lease Receivable	0.00	0.00
056	Mine Closure Deposit	0.00	0.00
057	**Other Accrued Income**	**0.00**	**0.00**
058	Secured,Considered Good	0.00	0.00
059	Unsecured , considered good	59,409,724.60	15,499,477.53
060	Credit impaired	0.00	0.00
061	Sub-Total	59,409,724.60	15,499,477.53
062	Less: Allowance for credit impaired receivables	0.00	0.00
063	**Total**	**0.00**	**0.00**
064		0.00	0.00
065	Others*	0.00	226,754.00
066	**Total**	**53,684,543.52**	**-8,761,309.15**
067	* Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
068	**Advances to related parties include:**	**0.00**	**0.00**
069	i)Key management personel	0.00	0.00
070	ii)Subsidiary companies	0.00	0.00
071	iii)Joint Venture companies	0.00	0.00
072	iv)Contractors	0.00	0.00
073	v)Others	0.00	0.00
074		**0.00**	**0.00**
075	Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
076		**0.00**	**0.00**
077		0.00	0.00
078	NTPC GE Power Services Pvt.Ltd.	0.00	0.00
079	Ratnagiri Gas & Power Private Ltd.	0.00	0.00
080	Aravali Power Company Private Ltd.	0.00	0.00
081	NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00
082	NTPC BHEL Power Projects Private Ltd.	0.00	0.00
083	Meja Urja Nigam Private Limited	0.00	0.00
084	Nabinagar Power Generating Company Ltd.	0.00	0.00
085	National High Power Test Labortory Private Ltd.	0.00	0.00
086	International Coal Ventures Private Ltd.	0.00	0.00
087	CIL NTPC Urja Private Ltd.	0.00	0.00
089	Bangladesh-India Friendship Power Co. Pvt.Ltd	0.00	0.00
090	TCS Clearing	0.00	0.00
091	Related Party (Adv)- Employee	0.00	0.00
092	Related Party (Adv)- Subsidiaries	0.00	0.00
093	Related Party (Adv)- Joint Ventures	-5,892,096.00	-3,825,920.00
094	Related Party (Adv)- Contractors	0.00	0.00
095	Related Party (Adv)- Others	-5,429,149.10	-28,345,972.85
096		0.00	0.00
097		0.00	0.00
098		0.00	0.00
099		0.00	0.00
100	**Total**	**-11,321,245.10**	**-32,171,892.85**

NATIONAL CAPITAL POWER STATION

NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**OTHER CURRENT ASSETS**	**0.00**	**0.00**
002	Security Deposits (Unsecured)	0.00	0.00
003	Deposit with Customs, port trust & others*	18,052,693.00	18,102,399.00
004	**ADVANCES**	**0.00**	**0.00**
005		**0.00**	**0.00**
006	**Related Parties**	**0.00**	**0.00**
007	Secured	0.00	0.00
008	Un-Secured	958,855,952.86	59,513,783.73
009	Considered doubtful	0.00	0.00
010		**0.00**	**0.00**
011	**Employees(including imprest)**	**0.00**	**0.00**
012	Secured	0.00	0.00
013	Unsecured	373,403.12	1,142,843.12
014	Considered Doubtful	0.00	0.00
015		**0.00**	**0.00**
016	**Contractors & Suppliers**	**0.00**	**0.00**
017	Secured	0.00	0.00
018	Unsecured	222,552,873.49	115,284,421.45
019	Considered Doubtful	0.00	49,706.00
020		0.00	0.00
021	**Others****	**0.00**	**0.00**
022	Secured	0.00	0.00
023	Unsecured	591,649.00	6,270,323.00
024	Considered Doubtful	0.00	0.00
025	Less: Allowance for bad & doubtful advances	0.00	49,706.00
026	Receivable from MCP Escrow A/c	0.00	0.00
027	Deferred Payroll Expenses (Secured)	5,901,986.74	6,137,120.40
028	Deferred Payroll Expenses (Unsecured)	5,490,066.13	5,555,962.74
029	**Sub-total**	**11,392,052.87**	**11,693,083.14**
030	**Interest accrued on :**	**0.00**	**0.00**
031	Advances to contractors	0.00	0.00
032		**0.00**	**0.00**
033	**Claims Recoverable**	**0.00**	**0.00**
034	Secured	0.00	0.00
035	Unsecured, considered good	3,526,767,179.70	4,424,396,368.95
036	Considered Doubtful	0.00	0.00
037	Less:- Allowance for doubtful claims	0.00	0.00
038		**0.00**	**0.00**
039	Deferred premium on forward exchange contract/ Option Assets	0.00	0.00
041	Assets Held for Disposal	2,065,443.40	2,065,443.40
042	Others	1,374,559.74	4,299,072.77
043		0.00	0.00
044	**Total (Other Current Assets)**	**4,742,025,807.18**	**4,642,767,738.56**
045	**Include Prepaid Expenses	591,649.00	6,270,323.00
046	*Includes sales tax/Entry tax/VAT deposited under protest with Sales Tax Authorities	0.00	0.00

Locked: 15.05.2021 - 18:56:14

NATIONAL CAPITAL POWER STATION

NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
047	*Includes deposited with courts	0.00	0.00
048	*Includes deposited with LIC for annuity payments	0.00	0.00
049	* Includes deposits with WRD / against BG in r/o finance lease	0.00	0.00
050	Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
052	**Advances to related parties include:**	**0.00**	**0.00**
053	i)Key management personel	0.00	0.00
054	ii)Subsidiary companies	0.00	0.00
055	iii)Joint Venture companies	0.00	0.00
056	Contractors	0.00	0.00
057	Others	0.00	0.00
058		0.00	0.00
059	Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
060		**0.00**	**0.00**
061		0.00	0.00
062	Related Party (Adv)- Employee	0.00	0.00
063	Related Party (Adv)- Subsidiaries	0.00	0.00
064	Related Party (Adv)- Joint Venture	0.00	0.00
065	Related Party (Adv)- Contractors	958,585,154.86	59,147,467.73
066	Related Party (Adv)- Others	270,798.00	366,316.00
067	**Total**	**958,855,952.86**	**59,513,783.73**
068		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 20 TO THE FS--REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	On account of Exchange Differences	-5,010,639.18	9,651,697.74
002	On account of employee benefit exp	404,045,489.00	404,045,489.00
003	Regulatory deferred account - deferred	0.00	0.00
004	Deferred asset for ash transportation	0.00	0.00
005	Deferred asset for Arbitration Award	0.00	0.00
006	**Total**	**399,034,849.82**	**413,697,186.74**

NATIONAL CAPITAL POWER STATION

NOTE NO. 21 TO THE FS-EQUITY-EQUITY SHARE CAPITAL **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**SHARE CAPITAL**	**0.00**	**0.00**
002	**Equity Share Capital**	**0.00**	**0.00**
003	**Authorised**	**0.00**	**0.00**
004	10,000,000,000 equity shares of Rs.10/- each (Previous year 10,000,000,000 eq shares of Rs.10/- each)	0.00	0.00
005	**Issued,Subscribed and fully Paid-up**	**0.00**	**0.00**
006	9,69,66,66,134 equity shares of Rs.10/- (Pv. Year 9,894,557,280 equity shares of Rs.10/- each)	0.00	0.00
007		**0.00**	**0.00**
008	**Total**	**0.00**	**0.00**
009	During FY 2018-19, the company has issued 1,649,092,880 equity shares of Rs.10/- each as fully paid bonus shares	0.00	0.00
010	The holders of the equity shares are entitled to receive dividends as declared from time to time, and are entitled to one vote per share at meetings of the company.	0.00	0.00
011	Details of shareholders holding more than 5% shares in the company	0.00	0.00
012	- President of India	0.00	0.00
013	No. of Shares	0.00	0.00
014	% of holding	0.00	0.00
015	- Life Insurance Corporation of India/ICICI Prudential Mutual Fund	0.00	0.00
016	No. of Shares	0.00	0.00
017	% of holding	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	RESERVE AND SURPLUS	0.00	0.00
002		**0.00**	**0.00**
003	**Capital Reserve**	**0.00**	**0.00**
004	As per last financial statements	0.00	0.00
006	Add : Grants received during the year	0.00	0.00
007	Add: Transfer from Surplus	0.00	0.00
008	Less: Write back during the year/period	0.00	0.00
009	Less: Adjustments during the year/period	0.00	0.00
010	**Sub-Total**	**0.00**	**0.00**
011	**Securities Premium Account**	**0.00**	**0.00**
012	As per last financial statements	0.00	0.00
013	Add: Additions during the year/period	0.00	0.00
014	Less: Adjustments during the year/period	0.00	0.00
015	**Sub-Total**	**0.00**	**0.00**
016	**Bonds Redemption Reserve**	**0.00**	**0.00**
017	As per last financial statements	0.00	0.00
018	Add: Transfer from Surplus	0.00	0.00
019	Less: Transfer to surplus on redemption	0.00	0.00
020	Less: Adjustments during the year/ period	0.00	0.00
021	**Sub-Total**	**0.00**	**0.00**
022	**Capital Redemption Reserve**	**0.00**	**0.00**
023	As per last financial statements	0.00	0.00
024	Add: Transfer from Surplus	0.00	0.00
025	Less: Transfer to surplus on redemption	0.00	0.00
026	Less: Adjustments during the year/ period	0.00	0.00
027	**Sub-Total**	**0.00**	**0.00**
028	**Share Application money Allotment**	**0.00**	**0.00**
029	As per last financial statements	0.00	0.00
030	Add: Addition during the year	0.00	0.00
031	Less: Utlised for allotment during the year	0.00	0.00
032	Less: Adjustments during the year/ period	0.00	0.00
033	**Sub-Total**	**0.00**	**0.00**
034	**Fly-ash utilisation reserve Fund**	**0.00**	**0.00**
035	As per last financial statements	2,227,873,695.77	1,757,423,165.00
036	Transferred to CC	0.00	0.00
037	Add:Transfer from revenue from operations	300,343,513.16	470,450,530.77
038	Add:Transfer from other income	0.00	0.00
039	Less: Utilised during the year	0.00	0.00
040	Tangible assets	0.00	0.00
041	Employee benefit expenses	0.00	0.00
042	Generation,admn. and other expenses	0.00	0.00
043	Tax Expenses	0.00	0.00
044	**Sub-Total**	**2,528,217,208.93**	**2,227,873,695.77**
045	**Special allowance Reserve Fund**	**0.00**	**0.00**
046	As per last financial statements	0.00	0.00
047	Add: Addition during the year	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
048	Less: Utlised for allotment during the year	0.00	0.00
049	Less: Adjustments during the year/ period	0.00	0.00
050	**SUB-TOTAL**	**0.00**	**0.00**
053	**Corporate social responsibility (CSR) reserve**	**0.00**	**0.00**
054	As per last financial statements	0.00	0.00
055	Add : Transfer from surplus	0.00	0.00
056	Less:-Write back during the year	0.00	0.00
057	**Sub-Total**	**0.00**	**0.00**
058	**General Reserve**	**0.00**	**0.00**
059	As per last financial statements	0.00	0.00
060	Add: Transfer from Surplus	0.00	0.00
061	Less: Transfer to Surplus	0.00	0.00
062	Less: Write back during the year /period	0.00	0.00
063	Less: Adjustments during the year /period	0.00	0.00
064	**Sub-Total**	**0.00**	**0.00**
065		**0.00**	**0.00**
066	**Retained earnings**	**0.00**	**0.00**
067	As per last financial statements	124,824,944,747.37	116,766,802,136.66
068	Add(Less):-Changes in accounting policy / prior period errors	0.00	0.00
069	Add(Less):-Profit (Loss) after tax for the year from Statement of Profit & Loss	6,859,859,076.01	8,058,142,610.71
070		0.00	0.00
071	Add: Write back from Bond Redemption Reserve	0.00	0.00
072	Add: Write back from Capital Reserve	0.00	0.00
073	Add: Write back from Foreign Project Reserve	0.00	0.00
074	Add: Write back from CSR Reserve	0.00	0.00
075	Add: Write back from General Reserve	0.00	0.00
076	Less: Transfer to Bonds Redemption Reserve	0.00	0.00
077	Less: Transfer to Special Allowance Reserve Fund	0.00	0.00
078	Less: Transfer to Foreign Project Reserve	0.00	0.00
080	Less:Transfer to Capital Reserve	0.00	0.00
081	Less:Transfer to CSR Reserve	0.00	0.00
082	Less:Transfer to General Reserve	0.00	0.00
083	Less:Interim Dividend Paid	0.00	0.00
084	Less:Tax on Interim Dividend Paid	0.00	0.00
085	Less:Final Dividend Paid	0.00	0.00
086	Less:Tax on Final Dividend Paid	0.00	0.00
087	Less: Issue of bonus debenture	0.00	0.00
088	Less: Tax on issue of bonus debenture	0.00	0.00
089	**Sub-Total**	**131,684,803,823.38**	**124,824,944,747.37**
090		0.00	0.00
091	**Remeasurement of defined benefit plans**	**0.00**	**0.00**
092	As per last financial statements	-234,052,118.90	-158,423,086.17
093	Add/(Less):- Actuarial Gains/loss through OCI	-35,893,386.77	-75,629,032.73
094	**Sub-Total**	**-269,945,505.67**	**-234,052,118.90**
095		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
096	**FVTOCI Reserve**	**0.00**	**0.00**
097	As per last financial statements	0.00	0.00
098	Add(Less):-Net gain/loss of equity instruments through OCI	0.00	0.00
099	**Sub-Total**	**0.00**	**0.00**
100		**0.00**	**0.00**
101	**Total Other equity**	**133,943,075,526.64**	**126,818,766,324.24**
102		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 23 TO THE FS-NCL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**LONG TERM BORROWINGS**	**0.00**	**0.00**
002	**Bonds**	**0.00**	**0.00**
003	**Secured**	**0.00**	**0.00**
004	7.37 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3A).	0.00	0.00
005	7.62 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3 B).	0.00	0.00
006	8.61% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2034 (Fifty First Issue C - Private Placement)	0.00	0.00
007	8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3A)	0.00	0.00
008	8.91% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3B)	0.00	0.00
009	7.37% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 14th December 2031 (Sixty Sixth Issue - Private Placement)	0.00	0.00
010	7.49% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 7th November 2031 (Sixty Fourth Issue - Private Placement)	0.00	0.00
011	7.28 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series	0.00	0.00

	As at	31.03.2021	31.03.2020
	2A)		
012	7.53 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series 2 B).	0.00	0.00
013	7.32% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 17 July 2029 (Sixty Ninth Issue - Private Placement)	0.00	0.00
014	8.63% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2029 (Fifty First Issue B - Private Placement)	0.00	0.00
015	8.30% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 15 January 2029 (Sixty Seventh Issue - Private Placement)	0.00	0.00
016	8.48% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2A)	0.00	0.00
017	8.73% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2B)	0.00	0.00
018	7.47% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 16th September 2026 (Sixty Third Issue - Private Placement)	0.00	0.00
019	7.58% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in	0.00	0.00

	As at	31.03.2021	31.03.2020
	full on 23rd August 2026 (Sixty Second Issue - Private Placement)		
020	8.05% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 5th May 2026 (Sixtieth Issue - Private Placement)	0.00	0.00
021	8.19% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 15th December 2025 (Fifty Seventh Issue - Private Placement)	0.00	0.00
022	7.11 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1A).	0.00	0.00
023	7.36 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1 B).	0.00	0.00
024	7.15% Tax free secured non-cumulative non-convertible redeemable bonds - 2015 of Rs. 10,00,000/- each redeemable at par in full on 21st August 2025 (Fifty Fifth Issue - Private Placement)	0.00	0.00
025	9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 22nd September 2024 (53rd Issue - private placement).	0.00	0.00
026	9.34% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 24th March 2024 (Fifty Second Issue - private placement)	0.00	0.00
027	8.19% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 10,00,000/- each redeemable at	0.00	0.00

	As at	31.03.2021	31.03.2020
	par in full on 4th March 2024 (Fifty First Issue A - Private Placement)		
028	8.41% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1A)	0.00	0.00
029	8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1B)	0.00	0.00
030	9.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 4th May 2023 and ending on 4th May 2027 (Forty fourth issue - private placement)VII	0.00	0.00
031	8.48% Secured non-cumulative non-nonvertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 1st May 2023 (Seventeenth issue - private placement)I	0.00	0.00
032	8.80% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th April 2023 (Forty ninth issue -private placement	0.00	0.00
033	8.49% Secured non-cumulative non-convertible redeemable taxable fully paid-up bonus debentures of Rs. 12.50 each redeemable at par in three annual installments of Rs. 2.50, Rs. 5.00 and Rs. 5.00 at the end of 8th year, 9th year and 10th year on 25th March 2023, 25th March 2024 and 25th March 2025 respectively (Fifty Fourth Issue -Bonus Debentures)X - (refer Note 5 d)	0.00	0.00
034	8.73% Secured non-cumulative	0.00	0.00

	As at	31.03.2021	31.03.2020
	non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 07th March 2023 (Forty eighth issue - private placement)		
035	9.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 25th January 2023 and ending on 25th January 2027 (Forty second issue- private placement)III	0.00	0.00
036	8.84% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th October 2022 (Forty seventh issue- private placement)VII	0.00	0.00
037	7.93% Secured non-cumulative non-convertible redeemable taxable bonds of ` 10,00,000/- each redeemable at par in full on 03 May 2022 (68th Issue - Private Placement)	0.00	0.00
038	6.72% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 24th November 2021 (Sixty Fifth Issue - Private Placement)	0.00	0.00
039	8.10% Secured Non-Cumulative Non-Convertible Redeemable Taxable Bonds of Rs. 30,00,000/- each redeemable at par in three equal separately transferable redeemable principal parts (STRPP) at the end of 5th year, 10th year & 15th year on 27th May 2021, 27th May 2026 and 27th May 2031 respectively (Sixty First Issue- Private Placement)	0.00	0.00
040	8.33% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 24th February 2021	0.00	0.00

	As at	31.03.2021	31.03.2020
	(Fifty Ninth Issue - Private Placement).		
042	8.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 19th January 2021 Thirty seventh issue - private placement)III	0.00	0.00
043	8.18% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 31st December 2020 (Fifty Eight Issue - Private Placement).	0.00	0.00
044	8.73 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 31st March 2020 (Thirty third issue- private placement)III	0.00	0.00
045	8.78 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 9th March 2020 (Thirty first issue- private placement)III	0.00	0.00
046	11.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in five equal annual installments commencing from 6th Nov 2019 and ending on 6th Nov 2023 (Twenty seventh issue - private placement)III	0.00	0.00
047	7.89% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 5th May 2019 (Thirtieth issue - private placement)III	0.00	0.00
048	8.65% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th February 2019 (Twenty ninth issue - private placement)III	0.00	0.00
049	7.50% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full	0.00	0.00

	As at	31.03.2021	31.03.2020
	on 12th January 2019 (Nineteenth issue - private placement)II		
050	11% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21st November 2018 (Twenty eighth issue - private placement)III	0.00	0.00
051	9.3473% Secured non-cumulative non-convertible redeemable taxable bonds of ₹15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 20th July 2018 and ending on 20th July 2032 (Forty sixth issue - private placement)VII	0.00	0.00
052	9.4376% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 16th May 2018 and ending on 16th May 2032 (Forty fifth issue - private placement)VII	0.00	0.00
053	8.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 10th April 2018 (Sixteenth issue -private placement)I	0.00	0.00
054	9.2573% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 2nd March 2018 and ending on 2nd March 2032 (Forty third issue - private placement)III	0.00	0.00
055	9.6713% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

	As at	31.03.2021	31.03.2020
	of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 23rd December 2017 and ending on 23rd December 2031 (Forty first issue - private placement)III		
056	9.558% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 29th July 2017 and ending on 29th July 2031(Fourtieth issue-private placement)III	0.00	0.00
057	9.3896% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 9th June 2017 and ending on 9th June 2031(Thirty ninth issue-private placement)III	0.00	0.00
058	9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 22nd March 2017 and ending on 22nd March 2031(Thirty eighth issue-private placement)III	0.00	0.00
059	8.8086% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th	0.00	0.00

	As at	31.03.2021	31.03.2020
	year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th December 2016 and ending on 15th December 2030 (Thirty sixth issue - private placement)III		
060	8.785% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th September 2016 and ending on 15th September 2030 (Thirty fifth issue - private placement)III	0.00	0.00
061	8.71% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 10th June 2016 and ending on 10th June 2030 (Thirty fourth issue - private placement)III	0.00	0.00
062	8.8493% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 25th March 2016 and ending on 25th March 2030 (Thirty second issue - private placement)III	0.00	0.00
063	9.37% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty fifth issue -	0.00	0.00

	As at	31.03.2021	31.03.2020
	private placement)III		
065	9.06% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty sixth issue - private placement)III	0.00	0.00
066	8.6077% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 9th September 2011 and ending on 9th March 2021 (Twenty fourth issue - private placement)IV	0.00	0.00
067	8.3796% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 5th August 2011 and ending on 5th February 2021 (Twenty third issue - private placement)IV	0.00	0.00
068	8.1771% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd July 2011 and ending on 2nd January 2021 (Twenty second issue - private placement)IV	0.00	0.00
069	7.7125% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd August 2010 and ending on 2nd February 2020 (Twenty first issue - private placement)V	0.00	0.00
070	7.552% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

	As at	31.03.2021	31.03.2020
	of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 23rd September 2009 and ending on 23rd March 2019 (Twentieth issue - private placement)VI		
071	9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each with ten equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of the 6th year and in annual installments thereafter upto the end of 15th year respectively from 30th April 2002 (Thirteenth issue - Part B - private placement)VIII	0.00	0.00
072	9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each redeemable at par in ten equal annual installments commencing from the end of 6th year and upto the end of 15th year respectively from 18th April 2002 (Thirteenth issue -Part A - private placement)VIII	0.00	0.00
073		0.00	0.00
074		0.00	0.00
075		0.00	0.00
076		0.00	0.00
077	**Sub Total**	**0.00**	**0.00**
078	**Unsecured**	**0.00**	**0.00**
079	6.55% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 17 April 2023 (Seventieth Issue - Private Placement)	0.00	0.00
080	6.29% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 11 April 2031 (Seventy First Issue - Private Placement)	0.00	0.00
081	5.45% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 15 October 2025 (Seventy Second Issue - Private Placement)	0.00	0.00

	As at	31.03.2021	31.03.2020
082	6.43% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 27 January 2031 (Seventy Third Issue - Private Placement)	0.00	0.00
083		0.00	0.00
084		0.00	0.00
085		0.00	0.00
086	**Sub-total**	**0.00**	**0.00**
087	**Total**	**0.00**	**0.00**
088	**Foreign Currency Notes-Unsecured**	**0.00**	**0.00**
089	4.50% Fixed Rate Notes Due for repayment on 19th March 2028	0.00	0.00
090	2.75% Fixed rate notes due for repayment on 1st February 2027	0.00	0.00
091	4.25 % Fixed rate notes due for repayment on 26th February 2026	0.00	0.00
092	4.375% Fixed Rate Note due for repayment on 26th November 2024	0.00	0.00
093	4.75 % Fixed Rate Notes due for repayment on 3rd Oct 2022	0.00	0.00
094	7.25 % Fixed green global INR denominated bonds due on 3 May 2022	0.00	0.00
095	7.375 % Fixed green global INR denominated bonds due on 10 August 2021	0.00	0.00
096	5.625% Fixed Rate Notes due for repayment on 14th July 2021	0.00	0.00
097	3.75 % Fixed rate notes due for repayment on 03 April 2024	0.00	0.00
098		0.00	0.00
099		0.00	0.00
100		0.00	0.00
101		0.00	0.00
102	**Sub Total**	**0.00**	**0.00**
103	Long term maturities of Finance Lease Obligations (Secured) IX	0.00	0.00
104	Long term maturities of Finance Lease Obligations (Unsecured) X	0.00	0.00
105	**Term Loans**	**0.00**	**0.00**
106	**From Banks**	**0.00**	**0.00**
107	**Secured**	**0.00**	**0.00**
108	Rupee Loans	0.00	0.00
109	**Unsecured**	**0.00**	**0.00**
110	Foreign Currency Loans	0.00	0.00
111	Rupee Loans	0.00	0.00
112	**From Others**	**0.00**	**0.00**
113	**Secured**	**0.00**	**0.00**
114	Rupee Loans	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 23 TO THE FS-NCL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
115	Foreign Currency loans (guaranteed by GOI)	0.00	0.00
116	**Unsecured**	**0.00**	**0.00**
117	Foreign Currency loans (guaranteed by GOI)	0.00	0.00
118	Other Foreign currency loans	0.00	0.00
119	Rupee Loans	0.00	0.00
120	**Deposits**	**0.00**	**0.00**
121	**Unsecured**	**0.00**	**0.00**
122	Fixed Deposits	0.00	0.00
123	**Others**	**0.00**	**0.00**
124	**Unsecured**	**0.00**	**0.00**
125	Bonds Application Money Pending Allotment	0.00	0.00
126	**Sub-total**	**0.00**	**0.00**
127	**Total**	**0.00**	**0.00**
128		0.00	0.00
129	Less:- Interst accrued but not due on borrowings	0.00	0.00
130	Less:- Current maturities of long term borrowings	0.00	0.00
131	Bonds-Secured	0.00	0.00
132	Fixed Rate Notes	0.00	0.00
133	Foreign currency loans from Banks- unsecured	0.00	0.00
134	Rupee loans from banks- Secured	0.00	0.00
135	Rupee loans from banks- unsecured	0.00	0.00
136	Rupee Term loan from Others - Secured	0.00	0.00
137	Foreign currency loans from others- unsecured (Guaranteed by GOI)	0.00	0.00
138	Other foreign currency loans from others- unsecured	0.00	0.00
139	Rupee loans from others- unsecured	0.00	0.00
140	Finance Lease obligations - secured	0.00	0.00
141	Finance Lease obligations - unsecured	0.00	0.00
200	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 24 TO THE FS-NCL-TRADE PAYABLES **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**TRADE PAYABLES(NON CURRENT)**	**0.00**	**0.00**
002	**For Goods and Services**	**0.00**	**0.00**
003	- Micro & Small Enterprises	3,432,605.74	4,983,895.09
004	- Others	1,529,995.58	3,756,280.37
005		0.00	0.00
006	**Total**	**4,962,601.32**	**8,740,175.46**

NATIONAL CAPITAL POWER STATION

NOTE NO. 25 TO THE FS-NCL-OTHER FINANCIAL LIABILITIES **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**OTHER FINANCIAL LIABILITIES (NON-CURRENT)**	**0.00**	**0.00**
002	Payable for Capital Expenditure	0.00	0.00
003	- Micro & Small Enterprises	131,758.45	570,141.55
004	- Others	680,920.29	224,635.69
005	Others	0.00	0.00
006	Deposits from contractors and others	0.00	0.00
007		0.00	0.00
008		0.00	0.00
009	**Total**	**812,678.74**	**794,777.24**

NATIONAL CAPITAL POWER STATION

NOTE NO. 26 TO THE FS-NCL-PROVISIONS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**LONG TERM PROVISIONS**	**0.00**	**0.00**
002	**Provision for Employee Benefits**	**0.00**	**0.00**
003	Opening Balance	0.00	0.00
004	Additions/ (adjustments) during the year	0.00	0.00
005	**Closing Balance**	**0.00**	**0.00**
013		**0.00**	**0.00**
014	**TOTAL**	**0.00**	**0.00**

NOTE NO. 27 TO THE FS-NCL-DEFERRED TAX LIABILITIES (NET) **(Amount in ₹)**

	As at	Opening Balance on 01.04.2020	Addition	Closing Balance on 31.03.2021
001	**DEFERRED TAX LIABILITIES (NET)**			
002	Difference of book depreciation and tax depreciation	0.00	0.00	0.00
003	Less: Deferred tax assets			
004	Provisions & Other disallowances for tax purposes	0.00	0.00	0.00
005	Unabsorbed Depreciation	0.00	0.00	0.00
006	Disallowances u/s 43B of the Income Tax Act, 1961	0.00	0.00	0.00
007		0.00	0.00	0.00
008		0.00	0.00	0.00
009		0.00	0.00	0.00
010		0.00	0.00	0.00
011	MAT credit entitlement	0.00	0.00	0.00
012		0.00	0.00	0.00
013	**Total**	**0.00**	**0.00**	**0.00**
014		0.00	0.00	0.00
015	**Total**	**0.00**	**0.00**	**0.00**
016	Breakup of deferred tax assets	0.00	0.00	0.00
017	Provision	0.00	0.00	0.00
018	Statutory dues	0.00	0.00	0.00
019	Leave encashment	0.00	0.00	0.00
020	Others	0.00	0.00	0.00
021		0.00	0.00	0.00
022		0.00	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 28 TO THE FS-NCL-OTHER NON-CURRENT LIABILITIES **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	Other Non current Liabilities	0.00	0.00
002	Advances from customers and others	0.00	0.00
003	Deposits from contractors and others	0.00	0.00
004	Grants	0.00	0.00
005	**TOTAL**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 29 TO THE FS-CL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**Short Term Borrowings**	**0.00**	**0.00**
002	**Loans repayable on demand**	**0.00**	**0.00**
003	**From Banks**	**0.00**	**0.00**
004	**Secured**	**0.00**	**0.00**
005	Cash Credit	0.00	0.00
006	**Unsecured**	**0.00**	**0.00**
007	Cash Credit	0.00	0.00
008	**Other loans-unsecured**	**0.00**	**0.00**
009	Commecial Papers	0.00	0.00
010	Less: Unamortised discount on Commercial Papers	0.00	0.00
011	**Sub-Total**	**0.00**	**0.00**
012	**TOTAL**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 30 TO THE FS-CL-TRADE PAYABLES **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**TRADE PAYABLES**	**0.00**	**0.00**
002	For Goods and Services	0.00	0.00
003	- Micro & Small Enterprises	105,656,010.95	135,458,742.19
004	- Others	1,742,572,616.08	3,111,241,777.42
005		0.00	0.00
006	**Total**	**1,848,228,627.03**	**3,246,700,519.61**
007		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 31 TO THE FS-CL-OTHER FINANCIAL LIABILITIES **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**OTHER FINANCIAL LIABILITIES (CURRENT)**	**0.00**	**0.00**
002	**Current maturity of long term borrowings**	**0.00**	**0.00**
003	Bonds-Secured	0.00	0.00
004	Foreign Currency Fixed Rate Notes	0.00	0.00
005	**From Banks**	**0.00**	**0.00**
006	**Secured**	**0.00**	**0.00**
007	Rupee Term Loan	0.00	0.00
008	**Unsecured**	**0.00**	**0.00**
009	Foreign currency loans	0.00	0.00
010	Rupee term loans	0.00	0.00
011	**From Others**	**0.00**	**0.00**
012	**Secured**	**0.00**	**0.00**
013	Rupee Term Loan	0.00	0.00
014	**Unsecured**	**0.00**	**0.00**
015	Foreign currency loans (Guaranteed by Government of India)	0.00	0.00
016	Other foreign currency loans	0.00	0.00
017	Rupee term loans	0.00	0.00
018	Fixed deposits	0.00	0.00
019	Sub Total	0.00	0.00
020	Current maturity of finance lease obligations (secured)	0.00	0.00
021	Current maturity of finance lease obligations (unsecured)	0.00	0.00
022	Interest accrued but not due on borrowings	0.00	0.00
023	Unpaid Dividends*	0.00	0.00
024	Unpaid matured deposits and interest accrued thereon*	0.00	0.00
025	Unpaid matured bonds and interest accrued thereon*	0.00	0.00
026	Unpaid bond refund money-Tax free bonds *	0.00	0.00
027	Book Overdraft	0.00	0.00
028	Payable to Customers	0.00	0.00
029	Liability under forward exchange contact	0.00	0.00
030	Hedging cost payable to beneficiaries	0.00	0.00
031	Derivative MTM Liability	0.00	0.00
032	**Payable for Capital Expenditure**	**0.00**	**0.00**
033	- Micro & Small Enterprises	58,375,192.00	89,006,261.63
034	- Others	2,580,097,556.67	2,906,398,483.72
035	**Others Payables**	**0.00**	**0.00**
036	Deposits from contractors and others	98,696,814.00	91,177,485.00
037	Gratuity Obligations	0.00	0.00
038	Payable to employees	6,944,056.93	11,496,812.39
039	Payable to holding company	0.00	0.00
040	Retention on A/c BG encashment (Solar)	0.00	0.00
041	Payable to Solar Payment Security Account	0.00	0.00
042	Others **	83,559,127.57	49,166,149.69

NATIONAL CAPITAL POWER STATION

NOTE NO. 31 TO THE FS-CL-OTHER FINANCIAL LIABILITIES **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
043	Unspent CSR balance on ongoing Approved CSR projects	0.00	0.00
044	**Total**	**2,827,672,747.17**	**3,147,245,192.43**
045	* Represents the amounts which have not been claimed by the investor/holders of the bonds/fixed deposits. Out of the above, no amount is due for payment to Investor Education and Protection Fund.	0.00	0.00
046	** Include Payable to Hospital and other payable.	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 32 TO THE FS-CL-OTHER CURRENT LIABILITIES **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**OTHER CURRENT LIABILITIES**	**0.00**	**0.00**
002	Advances from customers and others	39,184,020.10	25,422,906.74
003	Deferred discount on forward exchange contact	0.00	0.00
004	Tax deducted at source and other statutory dues	49,835,113.24	110,714,289.96
005	Others	0.00	0.00
006	**Total**	**89,019,133.34**	**136,137,196.70**

NATIONAL CAPITAL POWER STATION

NOTE NO. 33 TO THE FS-CL-PROVISIONS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**SHORT TERM PROVISIONS**	**0.00**	**0.00**
002	**Provision for Employee Benefits**	**0.00**	**0.00**
003	Opening balance	0.00	0.00
004	Additions/ (adjustments) during the year	0.00	0.00
005	**Closing Balance**	**0.00**	**0.00**
028	**Provisions for Obligations Incidental to Land Acquisition**	**0.00**	**0.00**
029	Opening balance	0.00	0.00
030	Additions during the year	0.00	0.00
031	Amounts paid during the year	0.00	0.00
032	Amounts reversed during the year	0.00	0.00
033	**Closing Balance**	**0.00**	**0.00**
035	**Provision for Tariff Adjustment**	**0.00**	**0.00**
036	Opening balance	0.00	0.00
037	Additions during the year	0.00	0.00
038	Amounts adjusted during the year	0.00	0.00
039	Amounts reversed during the year	0.00	0.00
040	**Closing Balance**	**0.00**	**0.00**
042	**Provision for shortage in Fixed Assets Pending Investigation & Others**	**0.00**	**0.00**
043	Opening balance	0.00	165,808.06
044	Additions during the year	180,517.29	0.00
045	Amounts adjusted during the year	0.00	0.00
046	Amounts reversed during the year	0.00	165,808.06
047	**Closing Balance**	**180,517.29**	**0.00**
048	**Provision for Arbitration**	**0.00**	**0.00**
049	Opening balance	23,945,068.00	22,934,546.00
050	Additions during the year	1,013,283.00	1,010,522.00
051	Amounts used during the year	0.00	0.00
052	Amounts reversed during the year	0.00	0.00
053	**Closing Balance**	**24,958,351.00**	**23,945,068.00**
054	**Others**	**0.00**	**0.00**
055	Opening balance	0.00	0.00
056	Additions during the year	0.00	0.00
057	Amounts used during the year	0.00	0.00
058	Amounts reversed during the year	0.00	0.00
059	**Closing Balance**	**0.00**	**0.00**
102		0.00	0.00
103	**Total**	**25,138,868.29**	**23,945,068.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 34 TO THE FS-CL-CURRENT TAX LIABILITIES (NET) **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**Current liabilities - current tax liabilities (net)**	**0.00**	**0.00**
002	Opening balance	0.00	0.00
003	Additions during the year	0.00	0.00
004	Amounts adjusted during the year	0.00	0.00
005	Less: Set off against taxes paid	0.00	0.00
006	**Closing Balance**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 35 TO THE FS--DEFERRED REVENUE **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	**Deferred Revenue**	**0.00**	**0.00**
002	On account of advance against depreciation	0.00	0.00
003	On account of income from foreign currency fluctuation	130,587,000.00	149,915,000.00
004	Government grants	0.00	0.00
005		0.00	0.00
006	**TOTAL**	**130,587,000.00**	**149,915,000.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 36 TO THE FS--REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	Regulatory deferral account credit balances	0.00	0.00
002	Exchange Differences	0.00	0.00
003		0.00	0.00
004	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 37 TO THE FS--REVENUE FROM OPERATIONS **(Amount in ₹)**

	For the Year ended	31.03.2021	31.03.2020
001	**REVENUE FROM OPERATIONS**	**0.00**	**0.00**
002	**Sales**	**0.00**	**0.00**
003	Energy Sales (including Electricity Duty)	29,993,365,592.00	44,709,247,371.00
004	Less : Advance against depreciation deferred (net)	0.00	0.00
005	Add: Revenue recognized out of advance against depreciation	0.00	0.00
006	Add : Exchange fluctuation receivable from customers	0.00	-34,228,000.00
007	Sale of energy through trading	0.00	0.00
008	Commission (NVVN)	0.00	0.00
009	**Sub total**	**29,993,365,592.00**	**44,675,019,371.00**
010	Less: Rebate to customers	886,949,721.90	140,621,411.33
011	**Energy Sales (Total)**	**29,106,415,870.10**	**44,534,397,959.67**
012	Consultancy, project management and supervision fees	0.00	0.00
013	Lease rentals on assets on Operating lease	0.00	0.00
014	Sale of Captive Coal	0.00	0.00
015	Intra Company Elimination	0.00	0.00
017	**Sub-total**	**0.00**	**0.00**
018	**Total - Sales**	**29,106,415,870.10**	**44,534,397,959.67**
019	Sale of fly ash/ash products	300,343,513.16	470,450,530.77
020	Less: Transferred to fly ash utilisation reserve fund	-300,343,513.16	-470,450,530.77
021	**Sub-total**	**0.00**	**0.00**
022	**Other Operating Income**	**0.00**	**0.00**
023	Interest from customers	23,736,963.00	262,929,445.00
024	Energy Internally Consumed *	69,246,611.00	88,917,833.00
025	Interest income on Assets under finance lease	0.00	0.00
026	Recognized from deferred revenue - government grant	0.00	0.00
027	Provision written back- Tariff Adjustment	0.00	0.00
028	Income form Trading of ESCerts	0.00	0.00
029	Income from E-Mobility Business & others	0.00	0.00
030		0.00	0.00
031	**Total**	**29,199,399,444.10**	**44,886,245,237.67**
040	* Valued at variable cost of generation and corresponding amount included in power charges (Note No. 42)	0.00	0.00
041	Excise duty on sale of flyash,cenospere & ash products	0.00	0.00
042	Energy sales of principal nature (NVVN)	0.00	0.00
043	Energy sales of agency nature (NVVN)	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 38 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2021	31.03.2020
001	**OTHER INCOME**	**0.00**	**0.00**
002	**Interest from**	**0.00**	**0.00**
004	**Financial assets at amortised cost**	**0.00**	**0.00**
005	Government Securities (8.5% Tax Free Bonds issued by the State Goverments)	0.00	0.00
006	Other Bonds	0.00	0.00
007		0.00	0.00
008	Interest from Government of India Securties-Non-Trade	0.00	0.00
009	Less: Amortiation of premium	0.00	0.00
010	**Sub Total**	**0.00**	**0.00**
011	Interest from others	0.00	0.00
012	Loan to State Government in settlement of dues from customers	0.00	0.00
013	Loan to Subsidiary Companies	0.00	0.00
014	Loan to Employees	22,668,603.92	23,266,416.42
015	Deposit with banks	0.00	0.00
016	Foreign Banks	0.00	0.00
017	Interest from Contractors	0.00	0.00
018	Interest from Income Tax Refunds	0.00	0.00
019	Less : Refundable to Customers	0.00	0.00
020	**Sub Total**	**0.00**	**0.00**
021	Deposits with banks-flyash utilisation reserve fund	0.00	0.00
022	Less: transferred to flyash utilisation reserve fund	0.00	0.00
023	**Sub Total**	**0.00**	**0.00**
024	Deposits with banks- DDUGJY funds	0.00	0.00
025	Interest from Contractors- DDUGJY funds	0.00	0.00
026	Transfer to DDUGJY-Advance from customers	0.00	0.00
027	Sub-total	0.00	0.00
030	Others	0.00	0.00
031		0.00	0.00
032	**Dividend from**	**0.00**	**0.00**
033	**Longterm investments in**	**0.00**	**0.00**
034	Subsidiaries	0.00	0.00
035	Joint Ventures	0.00	0.00
036	Equity Instruments	0.00	0.00
037	**Current Investments in**	**0.00**	**0.00**
038	Mutual Funds measured at fairvalue through profit or loss	0.00	0.00
039	Current investments in mutual funds-flyash utilisation reserve fund	0.00	0.00
040	Less: transferred to flyash utilisation reserve fund	0.00	0.00
041	Lease Rent # Ash Brick Plant	0.00	0.00
042	Less: transferred to flyash utilisation reserve fund	0.00	0.00
043	Other non-operating income	50.00	40.00
044	Profit on disposal of PPE	62,528.20	348,248.40
045	Profit on redemption of GOI securities	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 38 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2021	31.03.2020
046	Net gain on sale of investments	0.00	0.00
047	Surcharge received from customers	300,034,236.00	153,417,050.00
048	Hire charges for equipment	0.00	0.00
049	Gain on option contract / Discount on F.ExchContract	0.00	0.00
050	Provision written back-others	8,895,644.17	14,003,710.17
051	Fair value gains/(losses) on investments in mutual funds at fair value through profit or loss	0.00	0.00
052	Interest from Solar payment security account	0.00	0.00
053	Less : Transferred to SPSA fund	0.00	0.00
054	Interest on "Retention on A/c BG encashment (Solar)"	0.00	0.00
055	Less : Transferred to "Retention on A/c BG encashment (Solar)"	0.00	0.00
056	Miscellaneous Income	81,653,211.33	108,556,709.31
057	**Total**	**413,314,273.62**	**299,592,174.30**
058	Less:Transferred to Development of Coal Mines-Note 43A	0.00	0.00
059	Less:Transferred to Expenditure during Construction period (net)- Note 43	122,852.13	36,135.68
061	Less: Others	0.00	0.00
062	**Total**	**413,191,421.49**	**299,556,038.62**
063		0.00	0.00
064	**Details of Miscellaneous Income**	**0.00**	**0.00**
065	Vehicle Hire Charges.	116,000.00	77,283.00
066	Sale of by products & residuals	0.00	0.00
067	Township recoveries(exl. Hospital Recoveries).	63,977,866.84	67,700,599.61
068	Depreciation written back	0.00	0.00
069	Sale of Scrap.	10,498,763.34	18,896,980.98
070	Receipt under loss of profit policy.	0.00	0.00
071	Receipts under MBD/Fire Policy.	2,050,952.00	10,042,202.00
072	Management development programme.	0.00	0.00
073	Management Fee - Misc (NVVN)	0.00	0.00
074	Others	5,009,629.15	11,839,643.72
075		0.00	0.00
076	**Total (Miscellaneous Income)**	**81,653,211.33**	**108,556,709.31**
077		0.00	0.00
078	**Details of Provision written back others**	**0.00**	**0.00**
079	Doubtful debts	0.00	0.00
080	Doubtful Loans, Advances and Claims	0.00	0.00
081	Doubtful Construction Advances	0.00	0.00
082	Shortage in Construction Stores	0.00	0.00
083	Shortage in Stores	8,895,644.17	111,790.84
084	Obsolescence in Stores	0.00	13,726,111.27
085	Unserviceable capital works	0.00	0.00
086	Other Obligation including Arbitration	0.00	0.00
087	Shortage in Fixed Assets	0.00	165,808.06

NATIONAL CAPITAL POWER STATION

NOTE NO. 38 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2021	31.03.2020
088	Diminution in value of Investment	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 38A TO THE FS--FUEL COST **(Amount in ₹)**

	For the Year ended	31.03.2021	31.03.2020
001	**FUEL COST**	**0.00**	**0.00**
002	Coal	0.00	0.00
003	Captive	0.00	0.00
004	Other than captive	14,008,975,339.59	27,908,545,973.33
005	Gas	0.00	0.00
006	Naptha	0.00	0.00
007	Oil	204,348,569.07	286,838,360.91
008	**Total**	**14,213,323,908.66**	**28,195,384,334.24**
009		0.00	0.00
010		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 39 TO THE FS--EMPLOYEE BENEFITS EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2021	31.03.2020
001	**EMPLOYEE BENEFITS EXPENSE**	**0.00**	**0.00**
002	Salaries and wages	1,781,765,984.14	1,928,274,623.34
003	Contribution to provident and other funds	236,848,447.18	209,859,591.07
004	Unwinding of deferred payroll expense	11,772,967.39	14,355,973.46
005	Staff welfare expenses	253,222,334.36	260,468,549.05
006	Less : Expenses transferred to Consultancy group	0.00	0.00
007		0.00	0.00
008	**Sub Total**	**2,283,609,733.07**	**2,412,958,736.92**
009	Less: Employee benefits expense allocated to fuel inventory	43,478,186.56	125,459,673.93
010	Less: Transferred/Allocated to development of coal mines	0.00	0.00
011	Less: Others	0.00	0.00
012	Less: Transferred to fly ash utilisation reserve fund	0.00	0.00
013	Less: Transferred to CSR Expenses	0.00	0.00
014	Reimbursements for employees on secondment	193,219.00	155,127.44
015	Less: Transferred to expenditure during construction period (net)- Note 43	26,385,144.17	15,415,329.04
016	**TOTAL**	**2,213,553,183.34**	**2,271,928,606.51**
017	**Managerial Remuneration paid/ payable to Directors included above (except for Directors fee which is included in Note 42)**	**0.00**	**0.00**
018	Salaries and wages	0.00	0.00
019	Contribution to provident and other funds	0.00	0.00
020	Staff welfare expenses	0.00	0.00
021	Directors fee	0.00	0.00
022		0.00	0.00
023		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 40 TO THE FS--FINANCE COSTS **(Amount in ₹)**

	For the Year ended	31.03.2021	31.03.2020
001	**FINANCE COSTS**	**0.00**	**0.00**
002	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
003	Bonds	501,087,439.89	489,539,135.48
004	Government of India Loans	0.00	0.00
005	Foreign currency term loans	4,540,087.82	-171,305.91
006	Rupee term loans	336,280,262.00	518,090,672.00
007	Public deposits	0.00	0.00
008	Foreign currency bonds/notes	0.00	0.00
009	Cash Credit	0.00	0.00
010	Unwinding of discount on account of vendor liabilities	1,464,548.76	2,489,056.00
011	Commercial Papers	0.00	0.00
012	**Sub Total**	**843,372,338.47**	**1,009,947,557.57**
013	Interest on non financial items	18,508,028.53	1,626,042.81
014	**Other Borrowing Costs**	**0.00**	**0.00**
015	Bonds servicing & public deposit exp.	448,742.51	512,666.23
016	Guarantee fee	0.00	0.00
017	Management fee	0.00	0.00
018	Committ charges/exposure premium	0.00	0.00
019	Bond issue expenses	0.00	0.00
020	Legal exp on foreign currency loans	0.00	0.00
021	Foreign currency bonds/notes exp.	0.00	0.00
022	Up-front fee	0.00	0.00
023	Insurance premium on foreign currency loans	0.00	0.00
024		0.00	0.00
025	Others	0.00	0.00
026	**Sub Total (Other Borrowing cost)**	**18,956,771.04**	**2,138,709.04**
027		0.00	0.00
028	**Exchange differences regarded as an adjustment to borrowing costs**	**-2,290,013.00**	**2,290,060.00**
029	**Sub Total**	**860,039,096.51**	**1,014,376,326.61**
030	Less: Transferred to Expenditure during construction period (net) - Note 43	115,277,343.46	84,713,300.17
031	Less: Transferred to development of coal mines-Note 43A	0.00	0.00
032		0.00	0.00
033	**Total**	**744,761,753.05**	**929,663,026.44**

NATIONAL CAPITAL POWER STATION

NOTE NO. 41 TO THE FS--DEPRECIATION AND AMORTIZATION EXPENSES **(Amount in ₹)**

	For the Year ended	31.03.2021	31.03.2020
001	**Depreciation and amortization expenses**	**0.00**	**0.00**
002	On property, plant and equipment- Note 2	3,044,250,325.26	3,353,878,196.92
003	On intangible assets- Note 4	100,334,962.36	99,950,547.38
004	Sub-total	3,144,585,287.62	3,453,828,744.30
005	Less:	0.00	0.00
006	Allocated to fuel inventory	65,907,399.88	192,348,902.37
007	Transferred to Expenditure during Construction Period (net)- Note 43	0.00	0.00
008		0.00	0.00
009	Transferred/Allocated to development of coal mines	0.00	0.00
010	Adjustment with deferred revenue from deferred foreign currency fluctuation	19,328,000.00	19,640,000.00
011		0.00	0.00
012	**Total**	**3,059,349,887.74**	**3,241,839,841.93**

NATIONAL CAPITAL POWER STATION

NOTE NO. 42 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2021	31.03.2020
001	**OTHER EXPENSES**	**0.00**	**0.00**
002	Power charges	60,992,986.49	78,981,156.25
003	Less: Recovered from contractors & employees	15,142,890.73	16,390,361.19
004	**Sub-Total(Power Charges)**	**45,850,095.76**	**62,590,795.06**
005	Water charges	17,175,357.94	20,162,112.88
006	Stores consumed	23,352,636.59	26,658,254.17
007	Rent	0.00	0.00
008	Less:Recoveries	0.00	0.00
009	**Sub-Total (Rent)**	**0.00**	**0.00**
010	Cost of captive coal produced	0.00	0.00
011	**Repairs & maintenance**	**0.00**	**0.00**
012	Buildings	67,864,436.74	79,075,286.32
013	Plant & machinery	0.00	0.00
014	Power stations	992,225,962.72	939,109,757.05
015	Construction equipment	224,575.37	75,894.13
016	Others	117,854,595.77	67,281,564.89
017	**Sub-total (Repairs & maintenance)**	**1,178,169,570.60**	**1,085,542,502.39**
019	Load Dispatch Center Charges	9,589,791.00	18,957,392.00
021	Insurance	76,718,287.64	51,178,597.07
022	Interest to beneficiaries	618,629.00	18,641,115.00
023	Rates and taxes	8,088,651.56	8,163,322.11
024	Water cess & environment protection cess	0.00	721,140.00
025	Training & recruitment expenses	6,411,795.17	11,192,679.46
026	Less: Receipts	0.00	0.00
027	**Sub-total (Training and recruitment expenses)**	**6,411,795.17**	**11,192,679.46**
028	Communication expenses	19,129,587.73	21,360,754.56
029	Inland Travel	66,201,731.02	74,030,276.51
030	Foreign Travel	0.00	1,964,239.54
031	Tender expenses	-818,512.38	0.00
032	Less: Receipt from sale of tenders	0.00	63,393.00
033	**Sub-total (Tender expenses)**	**-818,512.38**	**-63,393.00**
034	Payment to auditors	0.00	0.00
035	Audit fee	0.00	0.00
036	Tax audit fee	0.00	0.00
037	Other services	0.00	0.00
038	Reimbursement of expenses	614.69	0.00
039	**Sub-total (Payment to Auditors)**	**614.69**	**0.00**
040	Advertisement and publicity	1,059,592.29	2,095,016.73
041	Electricity duty	0.00	0.00
042	Security expenses	299,399,586.86	292,850,889.85
043	Entertainment expenses	21,053,306.24	24,145,836.97
044	Expenses for guest house	16,025,476.13	18,708,652.45
045	Less:Recoveries	1,000.00	13,000.00
046	**Sub-Total (Guest house expenses)**	**16,024,476.13**	**18,695,652.45**
047	Education expenses	56,653,161.52	61,202,222.51
049	Donations	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 42 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2021	31.03.2020
050	Ash utilisation & marketing expenses	43,818,326.40	42,628,371.31
051	Directors sitting fee	0.00	0.00
053	Professional charges and consultancy fees	1,508,217.99	2,135,834.85
054	Legal expenses	13,119,005.82	9,576,481.36
055	EDP hire and other charges	8,886,517.09	14,206,940.60
056	Printing and stationery	394,128.19	1,584,408.50
057	Oil & gas exploration expenses	0.00	0.00
059	Hiring of vehicles	13,875,093.76	15,008,434.78
061	Reimbursement of L.C.charges on sales realisation	0.00	0.00
062		0.00	0.00
063	Cost of Hedging	0.00	-2,698,221.00
064	Derivatives MTM loss/gain (Net)	0.00	3,487,965.00
065	Net loss/(gain) in foreign currency transactions & translations	-21,726,685.79	-25,991,521.70
066	Transport Vehicle running expenses	8,098,951.74	9,556,244.92
067	Horticulture Expenses	20,400,163.47	20,419,145.67
068	Hire charges- helicopter/aircraft.	0.00	0.00
069	Hire charges of construction equipment	0.00	0.00
070	Demurrage Charges	0.00	0.00
072		0.00	0.00
073	Miscellaneous expenses	9,909,314.60	12,204,504.29
074	Loss on disposal/write-off of PPE	19,580,150.33	45,791,347.48
075	**Sub-Total**	**1,962,541,542.96**	**1,947,999,342.32**
076	Less: Other expenses allocated to fuel inventory	65,488,166.81	142,957,390.90
077	Less: Transferred/Allocated to development of coal mines	0.00	0.00
078	Less: Transferred to fly ash utilisation reserve fund	43,819,783.59	42,628,371.31
079	Less: Hedging cost Net recoverable/payable from/to beneficiaries	0.00	3,487,965.00
080	Less: Others	0.00	0.00
081	Less: Transferred to CSR Expenses	61,711,458.00	59,628,639.00
082	Less:Transferred to Expenditure during Construction period(net)-Note 43	2,659,456.40	3,112,015.77
083	**Net (Generation, Administration and Other expenses)**	**1,788,862,678.16**	**1,696,184,960.34**
084	Corporate Social Responsibility Expenses	122,871,095.89	105,226,894.96
085	Less: Grants-in-aid	0.00	0.00
086	**Sub-total (Corporate Social Responsibility Expenses)**	**122,871,095.89**	**105,226,894.96**
087	**Provisions**	**0.00**	**0.00**
088	Doubtful Debts	375,353.48	0.00
089	Doubtful loans, advances and claims	0.00	49,706.00
090	Doubtful Construction Advances	0.00	0.00
091	Shortage in stores	18,745,181.00	30,381,453.64
092	Obsolete/Dimunition in the value of surplus stores	0.00	774,766.91
093	Shortage in construction stores	0.00	0.00
094	Dimunition in value of long term investments	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 42 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2021	31.03.2020
095	Shortage in Fixed assets	180,517.29	0.00
096	Unfinished minimum work progress from oil & gas exploration	0.00	0.00
097	Unserviceable capital works	0.00	0.00
098	Tariff Adjustment	32,591,000.00	9,225,000.00
099	Others :	0.00	0.00
100	(i) Provision for arbitration cases	1,013,283.00	1,010,522.00
101	(ii) Other provisions	0.00	0.00
102	**Total (Provisions)**	**52,905,334.77**	**41,441,448.55**
103		0.00	0.00
104	**Total**	**1,964,639,108.82**	**1,842,853,303.85**
105		0.00	0.00
106	**Breakup of miscellaneous expenses.**	**0.00**	**0.00**
109	Hire charges of office equipment	0.00	0.00
111	Operating expenses of construction equipment	0.00	0.00
112	Operating expenses of D.G. sets	813,019.58	642,759.80
113	Furnishing expenses	33,145.21	315,468.21
114	Subscription to trade and other associations.	0.00	25,000.00
116	Visa and entry permit charges	0.00	0.00
117	Tree plantation exp.-NTPC Land	0.00	17,128.79
118	Research & development expenses .	0.00	4,464.20
119	Less : Grants received for Research & develoment expenses.	0.00	0.00
120	Sub-total (Research & development expenses)	0.00	4,464.20
121	Bank charges	11,086.74	647,198.26
122	Business Development Expenditure	0.00	0.00
123	Surcharge (NVVN)	0.00	0.00
124	Power Trading Expenses	239,137.00	236,000.00
125	Brokerage & commission	251,533.79	591,316.64
129	Books and periodicals	24,104.84	288,020.43
130	Claims/advances written off	0.00	0.00
131	Stores written off	0.00	0.00
132	Survey &Investigation expenses written off	0.00	0.00
133	Others	8,537,287.44	9,437,147.96
134	**Total**	**9,909,314.60**	**12,204,504.29**
135		0.00	0.00
136		0.00	0.00
137		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 43 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET) **(Amount in ₹)**

	For the Year ended	31.03.2021	31.03.2020
001	**EXPENDITURE DURING CONSTRUCTION PERIOD (NET)**	**0.00**	**0.00**
002	A. Employee benefits expense	0.00	0.00
003	Salaries and wages	21,650,941.02	12,277,545.80
004	Contribution to provident and other funds	3,149,399.11	1,096,453.04
005	Unwinding of deffered payroll expenses	0.00	0.00
006	Staff welfare expenses	1,584,804.04	2,041,330.20
007	**Total (A)**	**26,385,144.17**	**15,415,329.04**
008	**B. Finance Costs**	**0.00**	**0.00**
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	47,541,890.41	29,148,913.87
011	Foreign currency term loans	2,916,516.05	-498,766.70
012	Rupee term loans	67,108,950.00	53,773,093.00
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	0.00	0.00
015	Others	0.00	0.00
016		0.00	0.00
017	Other Borrowings Costs	0.00	0.00
018	Guarantee Commission	0.00	0.00
019	Management Fees/Arrangers Fees	0.00	0.00
020	Commitment charges/Exposure Premium	0.00	0.00
021	Legal Expenses on foreign currency loans	0.00	0.00
022	Foreign currency bonds/notes expenses	0.00	0.00
023	Foreign Credit Insurance Premium	0.00	0.00
024	Upfront Fee	0.00	0.00
025	Exchange Differences	0.00	0.00
026	Others	0.00	0.00
027	Exchange differences regarded as adjustment to interest cost	-2,290,013.00	2,290,060.00
028	**Total (B)**	**115,277,343.46**	**84,713,300.17**
029		0.00	0.00
030	C. Depreciation and amortisation	0.00	0.00
031	**D. Generation , administration and other expenses**	**0.00**	**0.00**
032	Power charges	436,990.00	1,948,558.00
033	Less: Recovered from contractors & employees	121,863.17	38,028.92
034	**Sub-total(Net power charges)**	**315,126.83**	**1,910,529.08**
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	0.00	0.00
039	Construction equipment	0.00	0.00
040	Others	419,795.45	597,628.00
041		0.00	0.00
042	Insurance	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 43 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET) **(Amount in ₹)**

	For the Year ended	31.03.2021	31.03.2020
043	Rates and taxes	0.00	3,356.00
044	Communication expenses	276,135.00	133,186.14
045	Travelling expenses	1,226,983.96	415,116.11
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	**Sub-total (Net tender expenses)**	**0.00**	**0.00**
049	Advertisement and publicity	0.00	0.00
050	Security expenses	0.00	0.00
051	Entertainment expenses	66,000.00	47,697.00
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	**Sub-total (Net Guest House Expenses)**	**0.00**	**0.00**
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	0.00	0.00
061	EDP Hire and other charges	0.00	0.00
062	Printing and stationery	17,242.00	0.00
063	Miscellaneous expenses	338,173.16	4,503.44
064	**Total (D)**	**2,659,456.40**	**3,112,015.77**
065	**Total (A+B+C+D)**	**144,321,944.03**	**103,240,644.98**
066	**E. Less: Other Income**	**0.00**	**0.00**
067	Interest from	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	0.00	0.00
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	122,852.13	36,135.68
076	**TOTAL (E)**	**122,852.13**	**36,135.68**
077	F. Net actuarial gain/loss OCI	330,715.13	262,013.14
078		0.00	0.00
079	**GRAND TOTAL (A+B+C+D-E+F)**	**144,529,807.03**	**103,466,522.44**
080		0.00	0.00
081	*** Balance carried to Capital Work-in-progress - (Note 3)**	**144,529,807.03**	**103,466,522.44**

NATIONAL CAPITAL POWER STATION

NOTE NO. 43A TO THE FS--EDC- COAL MINING **(Amount in ₹)**

	For the Year ended	31.03.2021	31.03.2020
001	**EDC- Coal Mining**	**0.00**	**0.00**
002	A. Employee benefits expense	0.00	0.00
003	Salaries and wages	0.00	0.00
004	Contribution to provident and other funds	0.00	0.00
005	Unwinding of deffered payroll expenses	0.00	0.00
006	Staff welfare expenses	0.00	0.00
007	**Total (A)**	**0.00**	**0.00**
008	**B. Finance Costs**	**0.00**	**0.00**
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	0.00	0.00
011	Foreign currency term loans	0.00	0.00
012	Rupee term loans	0.00	0.00
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	0.00	0.00
015	Others	0.00	0.00
016		0.00	0.00
017	Other Borrowings Costs	0.00	0.00
018	Guarantee Commission	0.00	0.00
019	Management Fees/Arrangers Fees	0.00	0.00
020	Commitment charges/Exposure Premium	0.00	0.00
021	Legal Expenses on foreign currency loans	0.00	0.00
022	Foreign currency bonds/notes expenses	0.00	0.00
023	Foreign Credit Insurance Premium	0.00	0.00
024	Upfront Fee	0.00	0.00
025	Exchange Differences	0.00	0.00
026	Others	0.00	0.00
027	Exchange differences regarded as adjustment to interest cost	0.00	0.00
028	**Total (B)**	**0.00**	**0.00**
029		0.00	0.00
030	C. Depreciation and amortisation	0.00	0.00
031	**D. Generation , administration and other expenses**	**0.00**	**0.00**
032	Power charges	0.00	0.00
033	Less: Recovered from contractors & employees	0.00	0.00
034	**Sub-total(Net power charges)**	**0.00**	**0.00**
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	0.00	0.00
039	Construction equipment	0.00	0.00
040	Others	0.00	0.00
041	Cost of Captive Coal	0.00	0.00
042	Insurance	0.00	0.00
043	Rates and taxes	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 43A TO THE FS--EDC- COAL MINING **(Amount in ₹)**

	For the Year ended	31.03.2021	31.03.2020
044	Communication expenses	0.00	0.00
045	Travelling expenses	0.00	0.00
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	**Sub-total (Net tender expenses)**	**0.00**	**0.00**
049	Advertisement and publicity	0.00	0.00
050	Security expenses	0.00	0.00
051	Entertainment expenses	0.00	0.00
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	**Sub-total (Net Guest House Expenses)**	**0.00**	**0.00**
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	0.00	0.00
061	EDP Hire and other charges	0.00	0.00
062	Printing and stationery	0.00	0.00
063	Miscellaneous expenses	0.00	0.00
064	**Total (D)**	**0.00**	**0.00**
065	**Total (A+B+C+D)**	**0.00**	**0.00**
066	**E. Less: Other Income**	**0.00**	**0.00**
067	Interest from	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	0.00	0.00
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	0.00	0.00
076	**TOTAL (E)**	**0.00**	**0.00**
077	F. Net actuarial gain/loss OCI	0.00	0.00
078		0.00	0.00
079	**GRAND TOTAL (A+B+C+D-E+F)**	**0.00**	**0.00**
080		0.00	0.00
081	*** Balance carried to Capital Work-in-progress - (Note 3)**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
001	Balance sheet	0.00	0.00
002	Freehold land for which conveyancing of the title is awaiting completion of legal formalities	0.00	0.00
003	(a) area (in acres)	0.00	0.00
004	(b) value (in rs)	0.00	0.00
005	Right-of-use land for which execution of lease deed is awaiting completion of legal formalities	0.00	0.00
006	(a) area (in acres)	0.00	0.00
007	(b) value (in rs)	0.00	0.00
008	Right-of-use land acquired on perpetual lease and accordingly not amortised	0.00	0.00
009	(a) area (in acres)	0.00	0.00
010	(b) value (in rs.)	0.00	0.00
011	Land in physical possesession of the company which has not been shown in the books pending settlement of price (in acres)	0.00	0.00
012	Deposit with government authorities towards land in possession of the company included in cost of land which is subject to adjus	0.00	0.00
013	**Land not in possession of the company**	**0.00**	**0.00**
014	(a) area (in acres)	0.00	0.00
015	-Freehold	76.91	76.91
016	-Right of Use	0.00	0.00
017	(b) value (in rs)	0.00	0.00
018	-Freehold	153,472,543.07	156,222,688.90
019	-Right of Use	0.00	0.00
020	Right-of-use buildings pending completion of legal fomalities - value (in rs.)	0.00	0.00
021	Estimated amount of contracts remaining to be executed on capital account and not provided for	0.00	0.00
022	Property, plant & equipment	1,741,419,751.00	2,220,847,535.00
023	Intangible assets	0.00	0.00
024	Details of precommissioning expenditure	0.00	0.00
025	(a) precommissioning expenses	0.00	0.00
026	(b) precommissioning income	0.00	0.00
027	(c) net precommissioning expenditure	0.00	0.00
028		0.00	0.00
029		0.00	0.00
030		0.00	0.00
031	Exchange rate variation taken to revenue during the year (with -ve sign, if favourable)	-6,643,180.39	-43,908,182.70
045	Exchange rate variation capitalised during the year (with -ve sign, if favourable)	-2,290,013.00	-812,316.69
047	Leases as Lessee	0.00	0.00
048	Leases classified as Right to Use	0.00	0.00
049	A) Obligation towards Minimum Lease Payments (undiscounted)	0.00	0.00
050	3 months or less (A)	0.00	0.00

	As at	31.03.2021	31.03.2020
051	3-12 Months (B)	0.00	0.00
052	1-2 Years (C)	0.00	0.00
053	2-5 Years (D)	0.00	0.00
054	More than 5 Years (E)	0.00	0.00
055	**Total (A+B+C+D+E)**	**0.00**	**0.00**
056	Opening Balance of Lease Liabilities (A)	0.00	0.00
057	- Additions in lease liabilities (B)	0.00	0.00
058	- Interest cost during the year (C)	0.00	0.00
059	- Payment of lease liabilities (D)	0.00	0.00
060	**Closing Balance of Lease Liabilities (A+B+C-D)**	**0.00**	**0.00**
061	Current Lease Liabilities	0.00	0.00
062	Non Current Lease Liabilities	0.00	0.00
063	Depreciation and amortisation expense for right-of-use assets	0.00	0.00
064	Short Term Leases	0.00	0.00
065	A) Rent	0.00	0.00
066	Company lease accomodation - executives	0.00	1,852,031.29
067	Company lease accomodation - directors	0.00	0.00
068	Others	0.00	0.00
069	**Total**	**0.00**	**1,852,031.29**
070	Cash Outflow from Leases	0.00	1,852,031.29
071	B) (i) receipts from sub-lease of office buildings	0.00	0.00
072	(ii) receipts from sub-lease of helicopter	0.00	0.00
073	**Leases as Lessor**	**0.00**	**0.00**
074	**Finance Leases**	**0.00**	**0.00**
075	Finance Income on Net Investment in Lease	0.00	0.00
076	Income Related to Variable Lease Payments	0.00	0.00
077		0.00	0.00
078	**Undiscounted Lease payments to be received**	**0.00**	**0.00**
079	Less than one year (A)	0.00	0.00
080	Between one and two years (B)	0.00	0.00
081	Between two and three years (C)	0.00	0.00
082	Between three and four years (D)	0.00	0.00
083	Between four and five years (E)	0.00	0.00
084	More than five years (F)	0.00	0.00
085	**Total minimum lease payments (A+B+C+D+E+F)**	**0.00**	**0.00**
086	Less amounts representing unearned finance income	0.00	0.00
087	Present value of minimum lease payments	0.00	0.00
088		0.00	0.00
089	**Operating Leases**	**0.00**	**0.00**
090	Lease Income	0.00	0.00
091	Income Related to Variable Lease Payments	0.00	0.00
092		0.00	0.00
093	**Undiscounted Lease payments to be received**	**0.00**	**0.00**
094	Less than one year (A)	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
095	Between one and two years (B)	0.00	0.00
096	Between two and three years (C)	0.00	0.00
097	Between three and four years (D)	0.00	0.00
098	Between four and five years (E)	0.00	0.00
099	More than five years (F)	0.00	0.00
100	**Total minimum lease payments (A+B+C+D+E+F)**	**0.00**	**0.00**
101	Borrowing cost capitalised during the year	115,277,343.40	84,713,300.17
102	Revenue grants recognized during the year	0.00	0.00
103	Revenue expenditure on research and development	0.00	161,404.20
104	Capital expenditure on research and development.	965,361.00	620,201.00
105	Expenditure on sustainibility development - capital	461,068.00	1,661,720.00
106	Expenditure on csr- capital	0.00	0.00
107	Csr amount spent during the year, yet to be paid in cash	0.00	3,587,503.00
108	Constn/acquisition of any asset	0.00	0.00
109	On purpose other than above	0.00	0.00
110		0.00	0.00
111	Disclosure under msmed act 2006.	0.00	0.00
112	(i) (a) the principal amount remaining unpaid as at year end	167,595,567.14	230,019,040.46
113	(i) (b) interest due there on remaining unpaid as at Year end	0.00	0.00
114	(ii) the amount of interest paid by the buyer in terms of section 16, along with the amounts of the payment made to the supplier	0.00	0.00
115	(iii) the amount of interest due and payable for the period of delay in making payment(which has been paid but beyond the appoin	0.00	0.00
116	(iv) the amount of interest accrued and remaining unpaid at the end of the year; and	0.00	0.00
117	(v) the amount of further interest remaining due and payable even in the succeeding years, until such date when the interest due	0.00	0.00
118	Amount of inventories recognized as an expense (including fuel)	14,630,844,906.67	28,776,478,292.97
119	Amount of inventories capitalised as overhauling assets out of 112 above	47,698,794.46	71,220,747.72
120	Amount capitalised as edc out of 112 above	0.00	0.00
133	Value of Imported Material Consumed during the Year	0.00	0.00
134		0.00	0.00
135	Contingent liabilities	0.00	0.00
136	A. Claims against the company not acknowledged as debts in respect of :	0.00	0.00
137	(i)Capital works	3,118,732,405.60	2,862,488,113.82
138	(ii)Land compensation cases	102,912,153.00	93,879,510.00
139	(iii)Others by state authorities towards:-	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS **(Amount in ₹)**

	As at	31.03.2021	31.03.2020
140	(a) Water royalty / water charges / nala tax	0.00	0.00
141	(b) Diversion of land / building permission fees	0.00	0.00
142	(c) Other demands by state authorities	0.00	0.00
143	(iv) Others by fuel companies	0.00	0.00
144	(a) Disputes related to grade slippage-third party sampling	541,895,590.60	1,712,342,618.00
145	(b) Surface transportation charges on coal	15,365,368.00	15,236,513.00
146	(c) Take or pay claim - Gas stations	0.00	0.00
147	(d) Other claims by fuel companies not acknowledged as debt	175,936,517.00	175,936,517.00
149	B.Disputed tax demands	0.00	0.00
150	(i) Income tax	0.00	0.00
151	(ii) Excise duty	0.00	0.00
152	(iii) Sales tax	98,788,223.00	90,848,620.00
153	(iv) Service tax	0.00	0.00
154	(v) Entry tax	33,906,708.00	31,835,152.00
155	C. Others	115,585,077.00	29,185,077.00
156	**Total**	**4,203,122,042.20**	**5,011,752,120.82**
157	D. Possible reimbursement on account of contingent liabilities	0.00	0.00
158	(i) Capital works	0.00	0.00
159	(ii)Land compensation cases	0.00	0.00
160	(iii)Others (by state authorities)	0.00	0.00
161		0.00	0.00
162	(iv) Others by fuel companies	733,197,475.60	1,903,515,648.00
163	(v) Disputed income tax demand	0.00	0.00
164	(vi) Disputed tax demands -others	0.00	0.00
165	(vii) Others	7,299,187.00	7,299,187.00
167	**Total**	**740,496,662.60**	**1,910,814,835.00**
168	E.AMOUNT PAID UNDER PROTEST/ADJUSTED BY AUTHORITIES - TAX CASES	0.00	0.00
169		0.00	0.00
170	F.CONTINGENT ASSETS	0.00	0.00
171		0.00	0.00
172		0.00	0.00
173		0.00	0.00
175	Previous year figures have been regrouped/rearranged wherever necessary.	0.00	0.00

NATIONAL CAPITAL POWER STATION

BALANCE SHEET

(Amount in ₹)

	As at	Note	31.03.2022	31.03.2021
001	ASSETS		0.00	0.00
002			0.00	0.00
003	NON-CURRENT ASSETS		0.00	0.00
004	PROPERTY, PLANT & EQUIPMENT	2	26,351,939,413.04	28,800,801,313.50
005	CAPITAL-WORK-IN-PROGRESS	3	7,689,993,159.67	6,997,374,720.07
006	INTANGIBLE ASSETS	4	1,275,706,385.54	1,074,640,105.32
007	INTANGIBLE ASSETS UNDER DEVELOPMENT	5	0.00	0.00
008	FINANCIAL ASSETS		0.00	0.00
009	i) INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES	6	0.00	0.00
010	ii) INVESTMENTS	7	0.00	0.00
011	iii) TRADE RECEIVABLES	8	0.00	0.00
012	iv) LOANS	9	240,824,120.94	221,241,678.97
013	v) OTHER FINANCIAL ASSETS	10	0.00	0.00
015	OTHER NON-CURRENT ASSETS	11	313,764,863.93	193,526,733.83
016	TOTAL NON-CURRENT ASSETS		35,869,257,878.32	37,576,983,553.79
017			0.00	0.00
018	CURRENT ASSETS		0.00	0.00
019	INVENTORIES	12	4,788,465,361.97	3,309,368,523.45
020	FINANCIAL ASSETS		0.00	0.00
021	i) INVESTMENTS	13	0.00	0.00
022	ii) TRADE RECEIVABLES	14	0.00	0.00
023	iii) CASH AND CASH EQUIVALENTS	15	115,421.00	128,755.00
024	iv) BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS	16	0.00	0.00
025	v) LOANS	17	133,409,338.97	112,675,682.58
026	vi) OTHER FINANCIAL ASSETS	18	26,657,686.92	50,407,201.00
027	CURRENT TAX ASSETS (NET)		0.00	0.00
028			0.00	0.00
029	OTHER CURRENT ASSETS	19	5,084,980,902.36	4,742,025,807.18
030			0.00	0.00
031	TOTAL CURRENT ASSEETS		10,615,869,288.82	8,224,586,069.68
032	REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES	20	346,514,835.91	399,094,849.82
034	TOTAL ASSETS		46,031,742,002.05	46,201,094,673.47
035	EQUITY AND LIABILITIES		0.00	0.00
036	EQUITY		0.00	0.00
037	EQUITY SHARE CAPITAL	21	0.00	0.00
038	OTHER EQUITY	22	135,740,588,647.25	133,947,896,162.64
041	TOTAL EQUITY		135,740,588,647.25	133,947,896,162.64
042			0.00	0.00
043	LIABILITIES		0.00	0.00
044	NON-CURRENT LIABILITIES		0.00	0.00
045	FINANCIAL LIABILITIES		0.00	0.00
046	i) BORROWINGS	23	0.00	0.00
047	ii) LEASE LIABILITIES	23A	0.00	0.00
048	iii) TRADE PAYABLES		0.00	0.00

Locked: 27.04.2022 - 17:44:03

Run on: 27.04.2022 - 18:11:19 Version: 0

एनटीपीसी NTPC
A Maharatna Company

NATIONAL CAPITAL POWER STATION
BALANCE SHEET

(Amount in ₹)

	As at	Note	31.03.2022	31.03.2021
049	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	24	6,517,044.67	3,432,605.74
050	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	24	5,038,712.06	1,526,995.52
051	iv) OTHER FINANCIAL LIABILITIES	25	1,572,187.99	812,578.74
052	PROVISIONS	26	0.00	0.00
053	DEFERRED TAX LIABILITIES (NET)	27	0.00	0.00
054	OTHER NON-CURRENT LIABILITIES	28	0.00	0.00
055			0.00	0.00
056	**TOTAL NON-CURRENT LIABILITIES**		13,127,944.72	5,775,280.06
057			0.00	0.00
058	**CURRENT LIABILITIES**		0.00	0.00
059	**FINANCIAL LIABILITIES**		0.00	0.00
060	i) BORROWINGS	29	0.00	0.00
061	ii) LEASE LIABILITIES	29A	0.00	0.00
062	**iii) Trade Payables**		0.00	0.00
063	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	30	106,761,395.15	105,658,010.55
064	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	30	4,300,214,341.89	1,742,572,616.08
065	iv) OTHER FINANCIAL LIABILITIES	31	2,625,131,874.85	2,827,672,747.17
066	OTHER CURRENT LIABILITIES	32	134,985,413.09	89,018,133.34
067	PROVISIONS	33	97,030,944.78	25,138,868.29
068	CURRENT TAX LIABILITIES (NET)	34	0.00	0.00
069			0.00	0.00
070	**TOTAL CURRENT LIABILITIES**		7,264,123,769.36	4,790,059,375.83
071			0.00	0.00
072	DEFERRED REVENUE	35	111,259,000.00	130,567,000.00
073	REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES	36	0.00	0.00
074	INTER UNIT ACCOUNTS		-46,237,357,389.88	-62,673,312,945.06
075			0.00	0.00
076	**TOTAL EQUITY AND LIABILITIES**		46,831,742,002.05	46,261,064,873.47
077	Significant Accounting Policies as per Note 1		0.00	0.00
078			0.00	0.00
079	The accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00
080			0.00	0.00

GOTAM KUMAR BAGARIYA
Digitally signed by GOTAM KUMAR BAGARIYA
Date: 2022.04.28 19:33:55 +05'30'

(Auditor Initial & Stamp)

NARENDER KUMAR CHATRATH
Digitally signed by NARENDER KUMAR CHATRATH
Date: 2022.04.27 18:56:03 +05'30'

(Head of Finance)

B. Srinivas Rao
(Head of Unit)

बी. श्रीनिवास राव
B. SRINIVASA RAO
मुख्य महाप्रबंधक/Chief General Manager
एनटीपीसी दादरी/NTPC-Dadri

Locked: 27.04.2022 - 17:44:05
Run on: 27.04.2022 - 18:11:19 Version: 0

NATIONAL CAPITAL POWER STATION

STATEMENT OF PROFIT AND LOSS

(Amount in ₹)

	For the Year ended	Note	31.03.2022	31.03.2021
001	**Revenue**		0.00	0.00
002	Revenue from operations	37	28,252,255,636.19	29,206,200,310.23
003	Other income	38	299,818,684.11	417,920,841.49
005	**Total Income**		28,552,074,320.30	29,624,127,351.72
007	**Expenses**		0.00	0.00
008	Fuel including cost of captive coal	38A	18,774,184,713.56	14,220,859,758.79
009	Employee benefits expense	39	2,434,106,970.84	2,213,553,183.34
010	Electricity purchased for trading		0.00	0.00
011	Finance costs	40	606,711,150.56	744,761,753.05
012	Depreciation and amortization expenses	41	2,946,401,943.76	3,059,349,887.74
013			0.00	0.00
014	Other expenses	42	2,179,426,327.10	1,964,639,108.82
015	CC expenses charge to revenue		488,276,011.23	542,517,222.32
016	Less: Unit expenses transferred to CC		252,395,976.79	75,611.27
017	**Total expenses**		27,176,711,140.26	22,744,785,302.79
020	**Profit before exceptional items & tax**		1,375,363,180.04	6,879,342,048.93
021	Exceptional items		0.00	0.00
024	**Profit before tax**		1,375,363,180.04	6,879,342,048.93
027	**Tax expense:**		0.00	0.00
028	Current tax		0.00	0.00
031	Deferred tax		0.00	0.00
034			0.00	0.00
035	**Total Tax expense**		0.00	0.00
036	**Profit for the period before regulatory deferral account balances**		1,375,363,180.04	6,879,342,048.93
037	**Movement in regulatory deferral account balances**		0.00	0.00
038	Regulatory deferred account - deferred		0.00	0.00
039	Others		-52,520,014.81	-14,662,336.92
040	Tax impact on Regulatory deferral account balances		0.00	0.00
041	**Movement in Regulatory deferrall account balances (Net of Tax)**		-52,520,014.81	-14,662,336.92
042	**Profit for the period/ year**		1,322,843,165.23	6,864,679,712.01
043	**Other comprehensive income**		0.00	0.00
044	**(A) Items that will not be reclassified to profit or loss**		0.00	0.00
045	- Net gains/(losses) on fair value of equity instruments through other comprehensive income		0.00	0.00
046	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
047	- Net actural gains/(losses) on defined benefit plans		-15,174,235.26	-35,893,386.77
048	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
052		43	0.00	0.00
053	**Other comprehensive income for the year, net of income tax**		-15,174,235.26	-35,893,386.77
054			0.00	0.00
055	**Total Comprehensive Income for the year**		1,307,668,929.97	6,828,786,323.24
069			0.00	0.00

Locked: 27.04.2022 - 17:43:57

Run on: 27.04.2022 - 18:03:09 Version: 0

NATIONAL CAPITAL POWER STATION

STATEMENT OF PROFIT AND LOSS

(Amount in ₹)

	For the Year ended	Note	31.03.2022	31.03.2021
070	Earnings per equity share:		0.00	0.00
071	Basic & Diluted		0.00	0.00
072	Significant Accounting Policies		0.00	0.00
073	Expenditure during construction period (Net)/Dev. of coal mines (net) 43 /43A		0.00	0.00
074	The accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00

GOTAM KUMAR BAGARIYA

Digitally signed by GOTAM KUMAR BAGARIYA
Date: 2022.04.28 19:34:24 +05'30'

(Auditor Initial & Stamp)

NARENDER KUMAR CHATRATH

Digitally signed by NARENDER KUMAR CHATRATH

(Head of Finance)

B. Srinivas Rao

(Head of Unit)

बी. श्रीनिवास राव
B. SRINIVASA RAO
मुख्य महाप्रबंधक/Chief General Manager
एनटीपीसी-दादरी /NTPC-Dadri

NATIONAL CAPITAL POWER STATION

OTHER COMPREHENSIVE INCOME **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
001		0.00	0.00
002	**Other comprehensive income**	**0.00**	**0.00**
003	**(A) Items that will not be reclassified to profit or loss**	**0.00**	**0.00**
004	- Net gains/(losses) on fair value of equity instruments through other comprehensive income	0.00	0.00
005	Income tax on above that will not be reclassified to profit or loss	0.00	0.00
006	- Net acturial gains/(losses) on defined benefit plans	-15,174,235.26	-35,893,386.77
007	Income tax on above that will not be reclassified to profit or loss	0.00	0.00
008		0.00	0.00
009	(B) Items that will be reclassified to profit or loss	0.00	0.00
010	Income tax relating to above items that will be reclassified to profit or loss	0.00	0.00
011		0.00	0.00
012	**Other comprehensive income for the year, net of income tax**	**-15,174,235.26**	**-35,893,386.77**
013		0.00	0.00
014	**Total comprehensive income for the year (A+B)**	**-15,174,235.26**	**-35,893,386.77**

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2022	Opening Depreciation As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2022	Net Block As At 31.03.2022	Net Block As At 31.03.2021
1 TANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 Land : (including development expenses)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 Freehold	1782904079.08	18553141.28	0.00	1801457220.36	0.00	0.00	0.00	0.00	1801457220.36	1782904079.08
4 Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5 Submergence	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Right of use - Coal Bearing Area Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7 Roads,bridges, culverts & helipads	361443748.77	0.00	0.00	361443748.77	98883664.21	13851398.79	0.00	112735063.00	248708685.77	262560084.56
8 Building :	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Main plant	3155929131.51	0.00	0.00	3155929131.51	766536191.53	120817583.86	0.00	887353775.39	2268575356.12	2389392939.98
11 Others	791554705.41	3558957.51	0.00	795113662.92	228778369.03	27562946.07	0.00	256341315.10	538772347.82	562776336.38
12 Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 Temporary erection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14 Water Supply, drainage & sewerage system	157323804.65	471234.40	0.00	157795039.05	44750244.10	6626615.87	0.00	51376859.97	106418179.08	112573560.55
15 Hydraulic works, barrages, dams, tunnels and power channel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16 MGR track and signalling system	93189487.30	0.00	0.00	93189487.30	28676236.00	4057092.68	0.00	32733328.68	60456158.62	64513251.30
17 Railway siding	709797802.41	0.00	0.00	709797802.41	304657324.62	31403637.85	0.00	336060962.47	373736839.94	405140477.79
18 Earth dam reservoir	400144447.04	0.00	0.00	400144447.04	96834956.17	21127626.81	0.00	117962582.98	282181864.06	303309490.87
19 Plant and machinery(including associated civil works) Owned Asset	38503756049.85	528416120.61	(383524853.89)	38648647316.57	15988428507.63	2729767015.59	(359197287.66)	18358998235.56	20289649081.01	22515327542.22

620

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2022	Opening Depreciation As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2022	Net Block As At 31.03.2022	Net Block As At 31.03.2021
20 Plant and machinery(including associated civil works) -Right of use Asset	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 Furniture and fixtures	209667199.19	558555.35	1110052.30	211335806.84	90366273.52	16070342.05	681031.04	107117646.61	104218160.23	119300925.67
22 Assets under 5 Km Scheme	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 Vehicles including speedboats / helicopter-Owned	1038368.73	0.00	0.00	1038368.73	673731.03	24619.75	0.00	698350.78	340017.95	364637.70
24 Vehicles including speedboats / helicopter - Leased	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Office equipment	115190829.13	7502179.45	(916147.17)	121776861.41	61658227.74	8240774.74	(414311.57)	69484690.91	52292170.50	53532601.39
26 EDP, WP machines and satcom equipment	76217210.70	5394134.14	(625591.88)	80985752.96	57917954.56	8857969.05	(1181494.87)	65594428.74	15391324.22	18299256.14
27 Construction equipments	138772918.85	2645252.14	(105718.29)	141312452.70	74334141.81	9206177.24	0.00	83540319.05	57772133.65	64438777.04
28 Electrical Installations	207533602.98	4033210.00	(703066.40)	210863746.58	85302803.33	16794649.54	(289549.82)	101807903.05	109055843.53	122230799.65
29 Communication equipments	29875463.06	0.00	(569592.32)	29305870.74	18278949.03	1488533.12	(298445.92)	19469036.23	9836834.51	11596514.03
30 Hospital equipments	30676628.31	10722970.01	0.00	41399598.32	6005744.37	9643473.40	0.00	15649217.77	25750380.55	24670883.94
31 Laboratory and workshop equipments	9948188.38	0.00	0.00	9948188.38	2079033.17	542340.09	0.00	2621373.26	7326815.12	7869155.21
32 Capital expenditure on assets not owned by the Company	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 Assets of Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

621

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2022	Opening Depreciation As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2022	Net Block As At 31.03.2022	Net Block As At 31.03.2021
34 Less:Grants from Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35 Less: Recoverable from GOI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36 Assets for ash utilisation	159411285.52	0.00	0.00	159411285.52	0.00	0.00	0.00	0.00	159411285.52	159411285.52
37 (Less):-Adjusted from fly ash utilisation reserve fund	159411285.52	0.00	0.00	159411285.52	0.00	0.00	0.00	0.00	159411285.52	159411285.52
38 Site Restoration Cost	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39 Mining Properties	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total (Tangible)	46774963665.35	581855754.89	(385334917.65)	46971484502.59	17954162351.85	3026082796.50	(360700058.80)	20619545089.55	26351939413.04	28820801313.50
Grand Total Prev Year (Tangible)	45983813777.60	705782428.64	85367459.11	46774963665.35	14939637431.20	3044250325.26	(29725404.61)	17954162351.85	28820801313.50	31044176346.40

622

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	**Gross Block**		**Depreciation/Amortization**	
	Tangible As At: 31.03.2022	**Tangible As At: 31.03.2021**	**Tangible As At: 31.03.2022**	**Tangible As At: 31.03.2021**
Disposal of assets	(4617337.09)	(5507239.40)	(4617337.09)	(5507239.40)
Retirement of assets	(425891059.39)	(45930327.81)	(400097151.48)	(26020629.40)
Cost adjustments	0.00	132936683.61	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	45374173.53	3868342.71	44014429.77	1802464.19
Others	(200694.70)	0.00	0.00	0.00
TOTAL	**(385334917.65)**	**85367459.11**	**(360700058.80)**	**(29725404.61)**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

623

Note forming part of Balance Sheet
Note 3: Capital-Work-in-Progress
Business Area: NATIONAL CAPITAL POWER STATION

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2021	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2022
	1	2	3	4	5	6
1	CAPITAL WORK-IN-PROGRESS					
2	Development of land					
3	Roads, bridges, culverts & helipads		2438458.28			2438458.28
4	Piling and foundation					
5	Buildings :					
6	Main plant	1535808.84	21663641.57			23199450.41
7	Others	106622.77	4021677.89	(1310207.18)	2818093.48	
8	Temporary erection					
9	Water supply, drainage and sewerage system		471234.40	(471234.40)		
10	Hydraulic works, barrages, dams, tunnels and power channel					
11	MGR track and signalling system		80032990.61			80032990.61
12	Railway siding					
13	Earth dam reservoir	49177772.78	125176505.93			174354278.71
14	Plant and equipment	6682627187.24	1028596627.41	(251461192.43)	163995699.66	7295766922.56
15	Furniture and fixtures	487200.03	435416.20	(222325.20)		700291.03
16	Vehicles					
17	Office equipment					
18	EDP/WP machines & satcom equipment					
19	Construction equipments					
20	Electrical installations					
21	Communication equipment					
22	Hospital equipments					
23	Laboratory and workshop equipments					
24	Assets under 5Km Scheme of the GOI					
25	Capital expenditure on assets not owned by the company					
26	Expenditure towards development of coal mines					
27	Survey,Investigation,Consultancy & Supervision Cha					
28	Difference in exchange on foreign currency loans					

Note forming part of Balance Sheet
Note 3: Capital-Work-in-Progress
Business Area: NATIONAL CAPITAL POWER STATION

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2021	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2022
	1	2	3	4	5	6
29	Expenditure towards diversion of forest land					
30	Pre-commissioning expenses (net)					
31	ExpPendAlloca-oth ex attribut Project					
32	Expenditure During Construction Period (net)*		159663972.00	(713084.00)		158950888.00
33	LESS : Allocated to related works		158950888.00			158950888.00
34	LESS : Provision for Unservicable works					
35	**Construction stores (At Cost)**					
36	Steel	9227355.37	14428384.77	(15549222.63)		8106517.51
37	Cement	2281421.43	3200898.00	(2904011.71)		2578307.72
38	Others	221931351.61	73213890.86	(193229299.63)		101915942.84
39	**Sub-total**	**233440128.41**	**90843173.63**	**(211682533.97)**		**112600768.07**
40	LESS : Provision for shortages					
41	**Sub-total**	**233440128.41**	**90843173.63**	**(211682533.97)**		**112600768.07**
42	**Total CWIP**	**6967374720.07**	**1354392809.92**	**(465860577.18)**	**166813793.14**	**7689093159.67**
43						
44						
45	**PREVIOUS YEAR TOTAL**	**6280354640.55**	**1521143613.15**	**(149863054.42)**	**566406179.35**	**6967374720.07**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

625

Note forming part of Balance Sheet
Note-4 Non Current Assets- Intangible Assets
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2022	Opening Depreciation As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2022	Net Block As At 31.03.2022	Net Block As At 31.03.2021
INTANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1 Right to Use- Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 -Others	1971860852.66	0.00	0.00	1971860852.66	598721135.67	99864706.70	0.00	698585842.37	1273275010.29	1373139716.99
3 -Software	3021779.83	22500.00	0.00	3044279.83	2121388.50	461580.68	0.00	2582969.18	461310.65	900391.33
Grand Total (Intangible)	1974882632.49	22500.00	0.00	1974905132.49	600842524.17	100326287.38	0.00	701168811.55	1273736320.94	1374040108.32
Grand Total Prev Year (Intangible)	1973556825.49	1325807.00	0.00	1974882632.49	500507561.81	100334962.36	0.00	600842524.17	1374040108.32	1473049263.68

626

Note forming part of Balance Sheet
Note-4 Non Current Assets- Intangible Assets
Business Area :1011

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	**Gross Block**		**Depreciation/Amortization**	
	InTangible As At: 31.03.2022	**InTangible As At: 31.03.2021**	**InTangible As At: 31.03.2022**	**InTangible As At: 31.03.2021**
Disposal of assets	0.00	0.00	0.00	0.00
Retirement of assets	0.00	0.00	0.00	0.00
Cost adjustments	0.00	0.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	0.00	0.00	0.00	0.00
Others	0.00	0.00	0.00	0.00
TOTAL	**0.00**	**0.00**	**0.00**	**0.00**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

627

(Amount in Rupees)

Note forming part of Balance Sheet
Note 5: Intangible Assets under Development
Business Area: NATIONAL CAPITAL POWER STATION

Sl No	Asset Class	As At 01.04.2021	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2022
	1	2	3	4	5	6
1	INTANGIBLE ASSETS UNDER DEVELOPMENT					
2	Software					
3	Right to use Others					
4	Exploration and Evaluation Expentiture - Coal Mini					
5	Exploratory wells-in-progress					
6	**Less: Provision for exploratory wells-in-progress**					
7	**Total**					
8	**PREVIOUS YEAR TOTAL-I**					

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

NOTE NO. 6 TO THE FS-NCA-INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2022	31.03.2021
001	**NON CURRENT INVESTMENTS-INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES**			**0.00**	**0.00**
012	**EQUITY INSTRUMENTS - UNQUOTED-(FULLY PAID UP UNLESS OTHERWISE STATED, AT COST)**			**0.00**	**0.00**
013	**SUBSIDIARY COMPANIES**			**0.00**	**0.00**
014	PATRATU VIDYUT UTPADAN NIGAM LTD.			0.00	0.00
015	NTPC ELECTRIC SUPPLY COMPANY LTD.			0.00	0.00
016	NTPC VIDYUT VYAPAR NIGAM LTD.			0.00	0.00
017	NABINAGAR POWER GENERATING COMPANY LTD.			0.00	0.00
018	KANTI BIJLEE UTPADAN NIGAM LTD.			0.00	0.00
019	BHARTIYA RAIL BIJLEE COMPANY LTD.			0.00	0.00
020	NTPC MINING LTD (NML)			0.00	0.00
021	THDC INDIA LTD.			0.00	0.00
022	NEEPCO LTD.			0.00	0.00
023	NTPC EDMC Waste Solutions Pvt Ltd			0.00	0.00
024	NTPC Renewables Energy Ltd			0.00	0.00
025	Ratnagiri Gas & Power Pvt. Limited (RGPPL)			0.00	0.00
026				0.00	0.00
027				0.00	0.00
028				0.00	0.00
029				0.00	0.00
030	**SUB TOTAL**			**0.00**	**0.00**
055	**JOINT VENTURE COMPANIES**			**0.00**	**0.00**
056	Utility Powertech Ltd.			0.00	0.00
057	NTPC GE Power Services Pvt.Ltd.			0.00	0.00
058	NTPC-SAIL Power Company Ltd.			0.00	0.00
059	NTPC-Tamil Nadu Energy Company Ltd.			0.00	0.00

NOTE NO. 6 TO THE FS-NCA-INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2022	31.03.2021
060	Ratnagiri Gas & Power Pvt. Limited (RGPPL)			0.00	0.00
061	ARAVALI POWER COMPANY PRIVATE LTD.			0.00	0.00
062				0.00	0.00
063	NTPC BHEL POWER PROJECTS PRIVATE LTD.			0.00	0.00
064	MEJA URJA NIGAM PRIVATE LIMITED			0.00	0.00
065	BF-NTPC ENERGY SYSTEMS LTD.			0.00	0.00
066				0.00	0.00
067	NABINAGAR POWER GENERATING COMPANY LTD.			0.00	0.00
068	TRANSFORMER AND ELECTRICAL KERALA LTD.			0.00	0.00
069	NATIONAL HIGH POWER TEST LABORTORY PRIVATE LTD.			0.00	0.00
070				0.00	0.00
071	CIL NTPC URJA PRIVATE LTD.			0.00	0.00
072	ANUSHAKTI VIDHYUT NIGAM LTD.			0.00	0.00
073	ENERGY EFFICIENCY SERVICES LTD.			0.00	0.00
074				0.00	0.00
075	TRINCOMALEE POWER COMPANY LTD.			0.00	0.00
076	BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LTD.			0.00	0.00
077	HINDUSTAN URVARAK & RASAYAN LIMITED			0.00	0.00
078	KONKAN LNG LTD			0.00	0.00
081	**SUB TOTAL**			**0.00**	**0.00**
109	AGGREGATE AMOUNT OF IMPAIRMENT IN THE VALUE OF INVESTMENTS			0.00	0.00
110	TOTAL (NET OF IMPAIRMENT) OF JV			0.00	0.00
111	**Gross Total of Investments**			**0.00**	**0.00**
134	**Total**			**0.00**	**0.00**
135	Details of Investments			0.00	0.00
136	Aggregate amount of Unquoted Investments			0.00	0.00

NOTE NO. 6 TO THE FS-NCA-INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2022	31.03.2021
141				0.00	0.00
142				0.00	0.00
143				0.00	0.00
144				0.00	0.00
145				0.00	0.00
153	Valuation of Investments as per Note 1.			0.00	0.00
154				0.00	0.00
202				0.00	0.00
233				0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 7 TO THE FS-NCA-INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2022	31.03.2021
001	Non-current financial assets (investments)			0.00	0.00
006	**Long Term - Trade**			**0.00**	**0.00**
007	**Equity Instruments (fully paid up-unless otherwise stated)**			**0.00**	**0.00**
008	**Quoted**			**0.00**	**0.00**
009	**JOINT VENTURE COMPANIES**			**0.00**	**0.00**
010	PTC India Ltd.			0.00	0.00
070	INTERNATIONAL COAL VENTURES PRIVATE LTD.			0.00	0.00
075	BF-NTPC ENERGY SYSTEMS LTD.			0.00	0.00
098				0.00	0.00
110	COOPERATIVE SOCIETIES			0.00	0.00
111	**SUB TOTAL**			**0.00**	**0.00**
112	AGGREGATE AMOUNT OF IMPAIRMENT IN THE VALUE OF INVESTMENTS			0.00	0.00
115	**TOTAL**			**0.00**	**0.00**
120				0.00	0.00
146	NTPC EMPLOYEES CONSUMERS AND THRIFT CO-OPERATIVE SOCIETY LTD. KORBA			0.00	0.00
147	NTPC EMPLOYEES CONSUMERS AND THRIFT COOPERATIVE SOCIETY LTD. RSTPP			0.00	0.00
148	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. FARAKKA			0.00	0.00
149	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. VINDHYACHAL			0.00	0.00
150	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. ANTA			0.00	0.00
151	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. KAWAS			0.00	0.00
152	NTPC Employees Consumers Cooperative Society Ltd. Kaniha			0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 8 TO THE FS-NCA-TRADE RECEIVABLES **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	Non-current financial assets - Trade receivables	0.00	0.00
002	UNSECURED, CONSIDERED GOOD	0.00	0.00
003	CREDIT IMPAIRED	0.00	0.00
004		0.00	0.00
005		0.00	0.00
006	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 9 TO THE FS-NCA-LOANS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**LOANS (NON CURRENT)**	**0.00**	**0.00**
004	RELATED PARTIES	0.00	0.00
005	SECURED	0.00	0.00
006	UN-SECURED	0.00	0.00
007	WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
008	CREDIT IMPAIRED	0.00	0.00
009		0.00	0.00
010	EMPLOYEES(INCLUDING ACCRUED INTEREST)	0.00	0.00
011	SECURED	185,120,149.64	197,896,223.42
012	UNSECURED	122,705,985.41	90,813,198.20
013	WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
014	CREDIT IMPAIRED	0.00	0.00
015	LESS : EMPLOYEE LOANS DISCOUNTING	0.00	0.00
016	SECURED	46,294,068.92	51,608,617.52
017	UNSECURED	20,707,945.49	15,859,726.03
018	LOAN TO STATE GOVERNMENT IN SETTLEMENT OF DUES FROM CUSTOMERS (UNSECURED)	0.00	0.00
019	OTHERS	0.00	0.00
020	SECURED	0.00	0.00
021	UNSECURED	0.00	0.00
022	WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
023	CREDIT IMPAIRED	0.00	0.00
024	LESS: ALLOWANCE FOR CREDIT IMPAIRED LOANS	0.00	0.00
025	**SUB TOTAL**	**240,824,120.64**	**221,241,078.07**
026		0.00	0.00
027	**TOTAL**	**240,824,120.64**	**221,241,078.07**
028		0.00	0.00
029		0.00	0.00
030	**Due from Directors and Officers of the Company**	**0.00**	**0.00**
031	Directors	0.00	0.00
032	Officers	0.00	0.00
033		**0.00**	**0.00**
034	**Loans to related parties include:**	**0.00**	**0.00**
035	i)Key management personel	0.00	0.00
036	ii)Subsidiary companies	0.00	0.00
037	iii)Joint Venture companies	0.00	0.00
038	iv)Others	0.00	0.00
039		**0.00**	**0.00**
054	Other loans represent loans given to	0.00	0.00
055	a) APIIC	0.00	0.00
060		0.00	0.00
061	RPD	0.00	0.00
062	i)Key management personel	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 9 TO THE FS-NCA-LOANS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
063	ii)Subsidiary companies	0.00	0.00
064	iii)Joint Venture companies	0.00	0.00
065	iv)Others	0.00	0.00
066	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 10 TO THE FS-NCA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**Other Financial Assets (non current)**	**0.00**	**0.00**
002		0.00	0.00
003	**Share application money pending allotment in (Subsidiary Companies) :**	**0.00**	**0.00**
004	NTPC Electric Supply Company Ltd.	0.00	0.00
005	NTPC Vidyut Vyapar Nigam Ltd.	0.00	0.00
006	Nabinagar Power Generating Company Ltd.	0.00	0.00
007	Kanti Bijlee Utpadan Nigam Ltd.	0.00	0.00
008	Bhartiya Rail Bijlee Company Ltd.	0.00	0.00
009	Patratu Vidyut Utpadan Nigam Ltd.	0.00	0.00
010	NTPC Mining Limited	0.00	0.00
011	THDC Ltd.	0.00	0.00
012	NEEPCO Ltd	0.00	0.00
013		0.00	0.00
014	**Total**	**0.00**	**0.00**
015	**Share application money pending allotment (Joint Venture)**	**0.00**	**0.00**
016	Utility Powertech Ltd.	0.00	0.00
017	NTPC GE Power Services Pvt.Ltd.	0.00	0.00
018	NTPC-SAIL Power Company Ltd.	0.00	0.00
019	NTPC-Tamil Nadu Energy Company Ltd.	0.00	0.00
020	Ratnagiri Gas & Power Private Ltd.	0.00	0.00
021	Aravali Power Company Private Ltd.	0.00	0.00
022		0.00	0.00
023	NTPC BHEL Power Projects Private Ltd.	0.00	0.00
024	Meja Urja Nigam Private Limited	0.00	0.00
025	BF-NTPC Energy Systems Ltd.	0.00	0.00
026	Anushakti Vidhyut Nigam Ltd.	0.00	0.00
027	Nabinagar Power Generating Company Ltd.	0.00	0.00
028	Energy Efficiency Services Ltd.	0.00	0.00
029	National High Power Test Labortory Private Ltd.	0.00	0.00
030		0.00	0.00
031	CIL NTPC Urja Private Ltd.	0.00	0.00
032	Trincomalee Power Company Ltd.	0.00	0.00
033	Hindustan Urvarak & Rasayan Limited	0.00	0.00
034	Bangladesh-India Friendship Power Company Private Ltd.	0.00	0.00
035	**Sub Total**	**0.00**	**0.00**
036		0.00	0.00
037	Claims Recoverable	0.00	0.00
038	Finance Lease Recoverable	0.00	0.00
039	Mine Closure Deposit	0.00	0.00
041	**Total**	**0.00**	**0.00**

(Amount in ₹)

As at	31.03.2022	31.03.2021

NATIONAL CAPITAL POWER STATION

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**Other Non-current Assets**	**0.00**	**0.00**
002		**0.00**	**0.00**
003	**CAPITAL ADVANCES**	**0.00**	**0.00**
004	SECURED	0.00	0.00
005	Unsecured	0.00	0.00
006	COVERED BY BANK GUARANTEE	138,854,777.86	126,289,452.42
007	OTHERS	113,089,030.51	3,388,484.55
008	CONSIDERED DOUBTFUL	18,594,445.00	18,594,445.00
009	LESS: ALLOWANCE FOR BAD & DOUBTFUL ADVANCES	18,594,445.00	18,594,445.00
010	**Sub-Total**	**251,943,808.37**	**129,677,936.97**
011		0.00	0.00
012	Advances other than capital advances	0.00	0.00
013	SECURITY DEPOSITS	2,680,000.00	2,680,000.00
019	Advances to Related parties	0.00	0.00
022	**Advances to Contractors & Suppliers**	**0.00**	**0.00**
023	SECURED	0.00	0.00
024	UNSECURED	0.00	0.00
025	CONSIDERED DOUBTFUL	0.00	0.00
026	LESS: ALLOWANCE FOR BAD & DOUBTFUL ADVANCES	0.00	0.00
027	**Sub Total**	**2,680,000.00**	**2,680,000.00**
028	RECEIVABLE FROM MCP ESCROW A/C	0.00	0.00
039	ADVANCE TAX & TAX DEDUCTED AT SOURCE	5,928,327.71	3,981,869.59
040	LESS:- PROVISION FOR CURRENT TAX	0.00	0.00
041		0.00	0.00
042	**Sub Total**	**5,928,327.71**	**3,981,869.59**
043	DEFERRED PAYROLL EXPENSES (SECURED)	38,245,783.96	44,962,095.30
044	DEFERRED PAYROLL EXPENSES (UNSECURED)	14,965,943.89	12,223,831.97
045	**Sub Total**	**53,211,727.85**	**57,185,927.27**
046	DEFERRED FOREIGN CURRENCY FLUCTUATION ASSET	1,000.00	1,000.00
048	**Total**	**313,764,863.93**	**193,526,733.83**
049		0.00	0.00
050		0.00	0.00
061	Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
063		0.00	0.00
064	NTPC GE Power Services Pvt.Ltd.	0.00	0.00
065		0.00	0.00
066	Ratnagiri Gas & Power Private Ltd.	0.00	0.00
067	Aravali Power Company Private Ltd.	0.00	0.00
068	NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00
069	NTPC BHEL Power Projects Private Ltd.	0.00	0.00
070	Meja Urja Nigam Private Limited	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
071	Nabinagar Power Generating Company Ltd.	0.00	0.00
072	National High Power Test Labortory Private Ltd.	0.00	0.00
074	CIL NTPC Urja Private Ltd.	0.00	0.00
076		0.00	0.00
077	**Related Party (Adv)**	**0.00**	**0.00**
078	Key Management personel	0.00	0.00
079	Subsidiary companies	0.00	0.00
080	Joint Venture companies	0.00	0.00
081	Contractors	0.00	0.00
082	Others	0.00	0.00
084		0.00	0.00
085	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 12 TO THE FS-CA-INVENTORIES **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**INVENTORIES**	**0.00**	**0.00**
002		**0.00**	**0.00**
003	Coal	2,574,669,655.05	1,283,173,804.35
004	Fuel oil	340,350,415.26	174,108,354.58
005	Naphtha	0.00	0.00
006	Stores and spares	1,399,331,240.17	1,455,539,967.56
007	Chemicals & consumables	124,457,413.26	106,039,717.16
008	Loose tools	5,372,629.79	6,098,495.86
009	Steel Scrap	2,313,576.95	2,340,854.93
010	Others	415,412,595.54	380,421,662.52
011	**Sub Total**	**4,861,907,526.02**	**3,407,722,856.96**
012	Less: Provision for shortages	9,539,688.00	39,067,579.52
013	Less: Provision for obsolete/ unservicable/dimunition in value of surplus inventory	83,901,876.05	59,286,753.99
014		0.00	0.00
015	**Total**	**4,768,465,961.97**	**3,309,368,523.45**
016	**Inventories include material in transit**	**0.00**	**0.00**
017	Coal	87,212,195.00	0.00
018	Fuel oil	0.00	0.00
019	Naphtha	0.00	0.00
020	Stores and spares	4,985,658.95	12,708,126.46
021	Chemicals & consumables	2,097,835.38	972,000.00
022	Loose tools	0.00	0.00
023	Others	154,728.55	148,129.43
024		**0.00**	**0.00**
025	Inventory items other than steel scrap have been valued considering Note 1.	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 13 TO THE FS-CA-INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2022	31.03.2021
001	**CURRENT INVESTMENTS**			**0.00**	**0.00**
002	**(Valuation as per Note 1)**			**0.00**	**0.00**
003				0.00	0.00
033	Investment in Mutual Funds (Details as under)			0.00	0.00
034	SBI-Magnum Insta Cash Fund-DDR			0.00	0.00
035	SBI Premier Liquid Fund Super-IP-DDR			0.00	0.00
036	SBI-SHF Ultra Short Term Fund-IP-DDR			0.00	0.00
037	UTI Money Market- IP-Direct-Growth			0.00	0.00
038	IDBI-Liquid plan- Direct-Growth			0.00	0.00
039	Canara Robeco Liquid Fund Super-IP-DDR			0.00	0.00
040	Canara Robeco Treasury Advantage Fund Super-IP-DDR			0.00	0.00
041	IDBI Liquid Fund-DDR			0.00	0.00
042	SBI Premier Liquid fund-Direct DDR (Ash Fund)			0.00	0.00
043	UTI Liquid CashPlan - IP - DDR (Ash Funds)			0.00	0.00
044	IDBI Liquid Fund - DDR - (Ash Funds)			0.00	0.00
045	Baroda Liquid Fund - Direct - Growth			0.00	0.00
046	**Sub Total**			**0.00**	**0.00**
047				**0.00**	**0.00**
052	**Unquoted Investments**			**0.00**	**0.00**
054				0.00	0.00
066	**TOTAL**			**0.00**	**0.00**
067				0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 14 TO THE FS-CA-TRADE RECEIVABLES **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**TRADE RECEIVABLES (current)***	**0.00**	**0.00**
002		0.00	0.00
003	Secured,Considered Good	0.00	0.00
004	Unsecured , considered good	0.00	0.00
005	Credit impaired	0.00	0.00
006	Unbilled Revenue	0.00	0.00
007	**Sub-Total**	**0.00**	**0.00**
008	**Total**	**0.00**	**0.00**
009	Less: Allowance for credit impaired receivables	0.00	0.00
010	**Total**	**0.00**	**0.00**
012	Less: Discom Clearing	0.00	0.00
013	**Grand Total**	**0.00**	**0.00**
014	* After adjustment for Unbilled Revenue	0.00	0.00
015	Long-term trade receivables	0.00	0.00
016	TCS Clearing	0.00	0.00
017	Discom Clearing	0.00	0.00
228	**Trade Receivable**	**0.00**	**0.00**
230	Not due	0.00	0.00
231	Due	0.00	0.00
232	(i) Undisputed Trade receivables # considered good	0.00	0.00
233	(ii) Undisputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
234	(iii) Undisputed Trade Receivables # credit impaired	0.00	0.00
235	(iv) Disputed Trade Receivables#considered good	0.00	0.00
236	(v) Disputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
237	(vi) Disputed Trade Receivables # credit impaired	0.00	0.00
238	Unbilled	0.00	0.00
239	**Total**	**0.00**	**0.00**
240		0.00	0.00
241	**(i) Undisputed Trade receivables # considered good**	**0.00**	**0.00**
242	Less than 6 months	0.00	0.00
243	6 months -1 year	0.00	0.00
244	1-2 years	0.00	0.00
245	2-3 years	0.00	0.00
246	More than 3 years	0.00	0.00
247	**Sub Total (I)**	**0.00**	**0.00**
248	**(ii) Undisputed Trade Receivables # which have significant increase in credit risk**	**0.00**	**0.00**
249	Less than 6 months	0.00	0.00
250	6 months -1 year	0.00	0.00
251	1-2 years	0.00	0.00
252	2-3 years	0.00	0.00
253	More than 3 years	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 14 TO THE FS-CA-TRADE RECEIVABLES (Amount in ₹)

	As at	31.03.2022	31.03.2021
254	**Sub Total (II)**	**0.00**	**0.00**
255	**(iv) Disputed Trade Receivables#considered good**	**0.00**	**0.00**
256	Less than 6 months	0.00	0.00
257	6 months -1 year	0.00	0.00
258	1-2 years	0.00	0.00
259	2-3 years	0.00	0.00
260	More than 3 years	0.00	0.00
261	**Sub Total (IV)**	**0.00**	**0.00**
262	**(v) Disputed Trade Receivables # which have significant increase in credit risk**	**0.00**	**0.00**
263	Less than 6 months	0.00	0.00
264	6 months -1 year	0.00	0.00
265	1-2 years	0.00	0.00
266	2-3 years	0.00	0.00
267	More than 3 years	0.00	0.00
268	**Sub Total (V)**	**0.00**	**0.00**
269	**(vi) Disputed Trade Receivables # credit impaired**	**0.00**	**0.00**
270	Less than 6 months	0.00	0.00
271	6 months -1 year	0.00	0.00
272	1-2 years	0.00	0.00
273	2-3 years	0.00	0.00
274	More than 3 years	0.00	0.00
275	**Sub Total (VI)**	**0.00**	**0.00**
276	Total	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 15 TO THE FS-CA-CASH AND CASH EQUIVALENTS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**CASH & BANK BALANCES**	**0.00**	**0.00**
002	**Cash & Cash Equivalents**	**0.00**	**0.00**
003	Balances with Banks	0.00	0.00
004	Cheques & Drafts on hand	0.00	0.00
005	Cash on hand	0.00	0.00
006	Others (stamps in hand)	115,421.00	128,755.00
007	Bank deposits with original maturity upto three months	0.00	0.00
008	Balances with RBI	0.00	0.00
009		0.00	0.00
010	**Total**	**115,421.00**	**128,755.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 16 TO THE FS-CA-BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**Other Bank Balances**	**0.00**	**0.00**
002	Deposits with original maturity of more than three months but not more than twelve months	0.00	0.00
003	Earmarked balances with banks*	0.00	0.00
004	**SubTotal**	**0.00**	**0.00**
005	Interest accrued on deposits	0.00	0.00
006		0.00	0.00
007	**Total**	**0.00**	**0.00**
008		0.00	0.00
009	**Earmarked balances with banks consist of :**	**0.00**	**0.00**
010	Unpaid dividend account balance	0.00	0.00
011	Towards public deposit repayment reserve	0.00	0.00
012	Towards redemption of bonds due for repayment within one year	0.00	0.00
013	Security with Government/other authorities	0.00	0.00
014	Unpaid refund/interest account balance - Tax free bonds/ Bonus Debentures	0.00	0.00
015	Earmarked for RGGVY/DDUGJY/SAUBHAGYA Fund	0.00	0.00
016	Earmarked for Flyash Utilisation Reserve Fund	0.00	0.00
017	Deposits with original maturity upto three months as per court orders	0.00	0.00
018	Payment Security Scheme of MNRE NSM (NTPC)	0.00	0.00
019	Payment Security Scheme of MNRE NSM (NVVN)	0.00	0.00
020	Enforcement Directorate of Solar Plant(NVVN)	0.00	0.00
021	Bank guarantee Fund of MNRE (NVVN)	0.00	0.00
022	Others	0.00	0.00
023	Margin Money	0.00	0.00
024		0.00	0.00
025		0.00	0.00
026	**Sub-total**	**0.00**	**0.00**
030	**Total**	**0.00**	**0.00**
031		0.00	0.00
032	Bank deposits with original maturity of less than three months- other than earmarked	0.00	0.00
033	Bank deposits with original maturity of more than three months but not more than twelve months- other than earmarked	0.00	0.00
034	Earmarked bank balances (current account)	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 17 TO THE FS-CA-LOANS

(Amount in ₹)

	As at	31.03.2022	31.03.2021
001	**Current financial assets - Loans**	**0.00**	**0.00**
002	**Loans (current)-including interest accrued**	**0.00**	**0.00**
004	**Related Parties**	**0.00**	**0.00**
005	Secured	0.00	0.00
006	Un-Secured	0.00	0.00
007	With significant increase in Credit Risk	0.00	0.00
008	Credit impaired	0.00	0.00
009		**0.00**	**0.00**
010	**Employees**	**0.00**	**0.00**
011	Secured	41,671,418.02	40,415,720.79
012	Unsecured	91,737,918.65	72,559,961.79
013	With significant increase in Credit Risk	0.00	0.00
014	Credit impaired	0.00	0.00
015	Less : Employee Loans Discounting	0.00	0.00
016	**Loan to State Government in settlement of dues from customers (Unsecured)**	**0.00**	**0.00**
017		0.00	0.00
018	**Others**	**0.00**	**0.00**
019	Secured	0.00	0.00
020	Unsecured	0.00	0.00
021	With significant increase in Credit Risk	0.00	0.00
022	Credit impaired	0.00	0.00
023		**0.00**	**0.00**
024	Less: Allowance for credit impaired loans	0.00	0.00
025	**Total (Loans)**	**133,409,336.67**	**112,975,682.58**
026		**0.00**	**0.00**
027	**Due from Directors and Officers of the Company**	**0.00**	**0.00**
028	Directors	0.00	0.00
029	Officers	0.00	0.00
030		**0.00**	**0.00**
031	**Loans to related parties include:**	**0.00**	**0.00**
032	i)Key management personel	0.00	0.00
033	ii)Subsidiary companies	0.00	0.00
034	KBUNL	0.00	0.00
035	RGPPL	0.00	0.00
036	NVVN	0.00	0.00
037	iii)Joint Venture companies	0.00	0.00
038	iv)others	0.00	0.00
039		0.00	0.00
059	RPD	0.00	0.00
060	i)Key management personel	0.00	0.00
061	ii)Subsidiary companies	0.00	0.00
062	iii)Joint Venture companies	0.00	0.00
063	iv)Others	0.00	0.00
064		0.00	0.00
065	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS (Amount in ₹)

	As at	31.03.2022	31.03.2021
001	**Other Financial Assets (current)**	**0.00**	**0.00**
002		0.00	0.00
003	**ADVANCES**	**0.00**	**0.00**
004		**0.00**	**0.00**
005	**Related Parties**	**0.00**	**0.00**
006	Secured	0.00	0.00
007	Un-Secured	-46,683,848.43	-11,321,245.10
008	Considered doubtful	0.00	0.00
009		**0.00**	**0.00**
010	**Employees**	**0.00**	**0.00**
012	Unsecured	12,022,309.11	3,971,858.22
013	Considered Doubtful	0.00	0.00
014		**0.00**	**0.00**
020	**Others**	**0.00**	**0.00**
021	Secured	0.00	0.00
022	Unsecured	-1,295,537.00	-926,920.20
023	Considered Doubtful	0.00	0.00
024		**0.00**	**0.00**
025	Less: Allowance for bad & doubtful advances	0.00	0.00
026		**0.00**	**0.00**
033	**Total (Advances)**	**-35,957,076.32**	**-8,276,307.08**
044		**0.00**	**0.00**
045	**Claims Recoverable**	**0.00**	**0.00**
046	Secured	0.00	0.00
047	Unsecured, considered good	3,371,801.00	2,551,126.00
048	Considered Doubtful	375,353.48	375,353.48
049	Less:- Allowance for doubtful claims	375,353.48	375,353.48
050	Others-Claims Recoverable	0.00	0.00
051		**0.00**	**0.00**
052	Contract Asset- Revenue	30,768,328.75	6,802,758.13
053	Hedging cost recoverable from beneficiaries	0.00	0.00
054	Derivative MTM Asset	0.00	0.00
055	Finance Lease Receivable	0.00	0.00
056	Mine Closure Deposit	0.00	0.00
058	**Other Accrued Income**	**0.00**	**0.00**
059	Secured,Considered Good	0.00	0.00
060	Unsecured , considered good	30,714,613.49	59,409,724.60
061	Credit impaired	0.00	0.00
062	**Sub-Total**	**30,714,613.49**	**59,409,724.60**
063	Less: Allowance for credit impaired receivables	0.00	0.00
064	**Total**	**30,714,613.49**	**59,409,724.60**
065		0.00	0.00
066	Others*	0.00	0.00
067	**Total**	**28,897,666.92**	**60,487,301.65**
068	* Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
069	**Advances to related parties include:**	**0.00**	**0.00**
070	i)Key management personel	0.00	0.00
071	ii)Subsidiary companies	0.00	0.00
072	iii)Joint Venture companies	0.00	0.00
073	iv)Contractors	0.00	0.00
074	v)Others	0.00	0.00
075		**0.00**	**0.00**
076	Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
077		**0.00**	**0.00**
078	NTPC GE Power Services Pvt.Ltd.	0.00	0.00
079	Ratnagiri Gas & Power Private Ltd.	0.00	0.00
080	Aravali Power Company Private Ltd.	0.00	0.00
081	NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00
082	NTPC BHEL Power Projects Private Ltd.	0.00	0.00
083	Meja Urja Nigam Private Limited	0.00	0.00
084	Nabinagar Power Generating Company Ltd.	0.00	0.00
085	National High Power Test Labortory Private Ltd.	0.00	0.00
086	International Coal Ventures Private Ltd.	0.00	0.00
087	CIL NTPC Urja Private Ltd.	0.00	0.00
089	Bangladesh-India Friendship Power Co. Pvt.Ltd	0.00	0.00
090	TCS Clearing	0.00	0.00
091	Related Party (Adv)- Employee	0.00	0.00
092	Related Party (Adv)- Subsidiaries	0.00	0.00
093	Related Party (Adv)- Joint Ventures	0.00	-5,892,096.00
094	Related Party (Adv)- Contractors	0.00	0.00
095	Related Party (Adv)- Others	-46,683,848.43	-5,429,149.10
096		0.00	0.00
097		0.00	0.00
098		0.00	0.00
099		0.00	0.00
100	**Total**	**-46,683,848.43**	**-11,321,245.10**

NATIONAL CAPITAL POWER STATION

NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**OTHER CURRENT ASSETS**	**0.00**	**0.00**
002	Security Deposits (Unsecured)	0.00	0.00
003	Deposit with Customs, port trust & others*	18,152,693.00	18,052,693.00
004	**ADVANCES**	**0.00**	**0.00**
005		**0.00**	**0.00**
006	**Related Parties**	**0.00**	**0.00**
007	Secured	0.00	0.00
008	Un-Secured	0.00	0.00
009	Considered doubtful	0.00	0.00
010		**0.00**	**0.00**
011	**Employees(including imprest)**	**0.00**	**0.00**
012	Secured	0.00	0.00
013	Unsecured	8,847,242.12	373,403.12
014	Considered Doubtful	0.00	0.00
015		**0.00**	**0.00**
016	**Contractors & Suppliers**	**0.00**	**0.00**
017	Secured	0.00	0.00
018	Unsecured	1,343,803,017.31	1,181,138,028.35
019	Considered Doubtful	0.00	0.00
020		0.00	0.00
021	**Others****	**0.00**	**0.00**
022	Secured	0.00	0.00
023	Unsecured	7,602,363.43	862,447.00
024	Considered Doubtful	0.00	0.00
025	Less: Allowance for bad & doubtful advances	0.00	0.00
026	Receivable from MCP Escrow A/c	0.00	0.00
027	Deferred Payroll Expenses (Secured)	5,505,785.63	5,901,986.74
028	Deferred Payroll Expenses (Unsecured)	6,492,499.59	5,490,066.13
029	**Sub-total**	**11,998,285.22**	**11,392,052.87**
030	**Interest accrued on :**	**0.00**	**0.00**
031	Advances to contractors	0.00	0.00
032		**0.00**	**0.00**
033	**Claims Recoverable**	**0.00**	**0.00**
034	Secured	0.00	0.00
035	Unsecured, considered good	4,291,190,986.63	3,526,767,179.70
036	Considered Doubtful	0.00	0.00
037	Less:- Allowance for doubtful claims	0.00	0.00
038		**0.00**	**0.00**
039	Deferred premium on forward exchange contract/ Option Assets	0.00	0.00
041	Assets Held for Disposal	1,967,437.07	2,065,443.40
042	Others	1,418,877.48	1,374,559.74
043		0.00	0.00
044	**Total (Other Current Assets)**	**5,684,980,902.26**	**4,742,025,807.18**
045	**Include Prepaid Expenses	7,010,985.43	591,649.00
046	*Includes sales tax/Entry tax/VAT deposited under protest with Sales Tax Authorities	16,534,962.00	16,534,962.00

Locked: 27.04.2022 - 17:44:02

Run on: 27.04.2022 - 18:09:03 Version: 0

NATIONAL CAPITAL POWER STATION

NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
047	*Includes deposited with courts	0.00	0.00
048	*Includes deposited with LIC for annuity payments	0.00	0.00
049	* Includes deposits with WRD / against BG in r/o finance lease	0.00	0.00
050	Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
052	**Advances to related parties include:**	**0.00**	**0.00**
053	i)Key management personel	0.00	0.00
054	ii)Subsidiary companies	0.00	0.00
055	iii)Joint Venture companies	0.00	0.00
056	Contractors	0.00	0.00
057	Others	0.00	0.00
058		0.00	0.00
059	Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
060		**0.00**	**0.00**
061		0.00	0.00
062	Related Party (Adv)- Employee	0.00	0.00
063	Related Party (Adv)- Subsidiaries	0.00	0.00
064	Related Party (Adv)- Joint Venture	0.00	0.00
065		0.00	0.00
066		0.00	0.00
067	**Total**	**0.00**	**0.00**
068		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 20 TO THE FS--REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	On account of Exchange Differences	-57,530,653.99	-5,010,639.18
002	On account of employee benefit exp	404,045,489.00	404,045,489.00
003	Regulatory deferred account - deferred	0.00	0.00
004	Deferred asset for ash transportation	0.00	0.00
005	Deferred asset for Arbitration Award	0.00	0.00
007	**Total**	**346,514,835.01**	**399,034,849.82**

NATIONAL CAPITAL POWER STATION

NOTE NO. 21 TO THE FS-EQUITY-EQUITY SHARE CAPITAL **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**SHARE CAPITAL**	**0.00**	**0.00**
002	**Equity Share Capital**	**0.00**	**0.00**
003	**Authorised**	**0.00**	**0.00**
004	10,000,000,000 equity shares of Rs.10/- each (Previous year 10,000,000,000 eq shares of Rs.10/- each)	0.00	0.00
005	**Issued,Subscribed and fully Paid-up**	**0.00**	**0.00**
006	9,69,66,66,134 equity shares of Rs.10/- (Pv. Year 9,894,557,280 equity shares of Rs.10/- each)	0.00	0.00
007		**0.00**	**0.00**
008	**Total**	**0.00**	**0.00**
009	During FY 2018-19, the company has issued 1,649,092,880 equity shares of Rs.10/- each as fully paid bonus shares	0.00	0.00
010	The holders of the equity shares are entitled to receive dividends as declared from time to time, and are entitled to one vote per share at meetings of the company.	0.00	0.00
011	Details of shareholders holding more than 5% shares in the company	0.00	0.00
012	- President of India	0.00	0.00
013	No. of Shares	0.00	0.00
014	% of holding	0.00	0.00
015	- Life Insurance Corporation of India/ICICI Prudential Mutual Fund	0.00	0.00
016	No. of Shares	0.00	0.00
017	% of holding	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	RESERVE AND SURPLUS	0.00	0.00
002		**0.00**	**0.00**
003	**Capital Reserve**	**0.00**	**0.00**
004	As per last financial statements	0.00	0.00
006	Add : Grants received during the year	0.00	0.00
007	Add: Transfer from Surplus	0.00	0.00
008	Less: Write back during the year/period	0.00	0.00
009	Less: Adjustments during the year/period	0.00	0.00
010	**SUB-TOTAL**	**0.00**	**0.00**
011		0.00	0.00
017		0.00	0.00
018	**SECURITIES PREMIUM ACCOUNT**	**0.00**	**0.00**
019	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
020	ADD: ADDITIONS DURING THE YEAR/PERIOD	0.00	0.00
021	LESS: ADJUSTMENTS DURING THE YEAR/PERIOD	0.00	0.00
022	**SUB-TOTAL**	**0.00**	**0.00**
023	**BONDS REDEMPTION RESERVE**	**0.00**	**0.00**
024	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
025	ADD: TRANSFER FROM SURPLUS	0.00	0.00
026	LESS: TRANSFER TO SURPLUS ON REDEMPTION	0.00	0.00
027	LESS: ADJUSTMENTS DURING THE YEAR/ PERIOD	0.00	0.00
028	**SUB-TOTAL**	**0.00**	**0.00**
029	**CAPITAL REDEMPTION RESERVE**	**0.00**	**0.00**
030	As per last financial statements	0.00	0.00
031	Add: Transfer from Surplus	0.00	0.00
032	Less: Transfer to surplus on redemption	0.00	0.00
033	Less: Adjustments during the year/ period	0.00	0.00
034	**Sub-Total**	**0.00**	**0.00**
035	**Share Application money pending Allotment**	**0.00**	**0.00**
036	As per last financial statements	0.00	0.00
037	Add: Addition during the year	0.00	0.00
038	Less: Utlised for allotment during the year	0.00	0.00
039	Less: Adjustments during the year/ period	0.00	0.00
040	**SUB-TOTAL**	**0.00**	**0.00**
046	**FLY-ASH UTILISATION RESERVE FUND**	**0.00**	**0.00**
047	AS PER LAST FINANCIAL STATEMENTS	2,528,217,208.93	2,227,873,695.77
048	TRANSFERRED TO CC	0.00	0.00
049	ADD:TRANSFER FROM REVENUE FROM OPERATIONS	485,023,554.64	300,343,513.16
050	ADD:TRANSFER FROM OTHER INCOME	0.00	0.00
051	LESS: UTILISED DURING THE YEAR	0.00	0.00
052	TANGIBLE ASSETS	0.00	0.00
053	EMPLOYEE BENEFIT EXPENSES	0.00	0.00
054	GENERATION,ADMN. AND OTHER EXPENSES	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
055	TAX EXPENSES	0.00	0.00
056	**SUB-TOTAL**	**3,013,240,763.57**	**2,528,217,208.93**
057	Self Insurance Reserve	0.00	0.00
058	As per last financial statements	0.00	0.00
059	Add: Addition during the year	0.00	0.00
060	Less: Utlised for allotment during the year	0.00	0.00
061	Less: Adjustments during the year/ period	0.00	0.00
062	SUB-TOTAL	0.00	0.00
063	**SPECIAL ALLOWANCE RESERVE FUND**	**0.00**	**0.00**
064	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
065	ADD: ADDITION DURING THE YEAR	0.00	0.00
066	LESS: UTLISED FOR ALLOTMENT DURING THE YEAR	0.00	0.00
067	LESS: ADJUSTMENTS DURING THE YEAR/ PERIOD	0.00	0.00
068	**SUB-TOTAL**	**0.00**	**0.00**
069	**CORPORATE SOCIAL RESPONSIBILITY (CSR) RESERVE**	**0.00**	**0.00**
070	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
071	ADD : TRANSFER FROM SURPLUS	0.00	0.00
072	LESS:-WRITE BACK DURING THE YEAR	0.00	0.00
073	**SUB-TOTAL**	**0.00**	**0.00**
074	**GENERAL RESERVE**	**0.00**	**0.00**
075	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
076	ADD: TRANSFER FROM SURPLUS	0.00	0.00
077	LESS: TRANSFER TO SURPLUS	0.00	0.00
078	LESS: WRITE BACK DURING THE YEAR /PERIOD	0.00	0.00
079	LESS: ADJUSTMENTS DURING THE YEAR /PERIOD	0.00	0.00
080	**SUB-TOTAL**	**0.00**	**0.00**
081		**0.00**	**0.00**
082	**RETAINED EARNINGS**	**0.00**	**0.00**
083	AS PER LAST FINANCIAL STATEMENTS	131,689,624,459.38	124,824,944,747.37
084	ADD(LESS):-CHANGES IN ACCOUNTING POLICY / PRIOR PERIOD ERRORS	0.00	0.00
085	ADD(LESS):-PROFIT (LOSS) AFTER TAX FOR THE YEAR FROM STATEMENT OF PROFIT & LOSS	1,322,843,165.23	6,864,679,712.01
087	ADD: WRITE BACK FROM BOND REDEMPTION RESERVE	0.00	0.00
088	ADD: WRITE BACK FROM CAPITAL RESERVE	0.00	0.00
089	ADD: WRITE BACK FROM FOREIGN PROJECT RESERVE	0.00	0.00
090	ADD: WRITE BACK FROM CSR RESERVE	0.00	0.00
091	ADD: WRITE BACK FROM GENERAL RESERVE	0.00	0.00
093	LESS: TRANSFER TO BONDS REDEMPTION RESERVE	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
094	LESS: TRANSFER TO SPECIAL ALLOWANCE RESERVE FUND	0.00	0.00
095	LESS: TRANSFER TO FOREIGN PROJECT RESERVE	0.00	0.00
096	LESS:TRANSFER TO CAPITAL RESERVE	0.00	0.00
097	LESS:TRANSFER TO CSR RESERVE	0.00	0.00
098	LESS:TRANSFER TO GENERAL RESERVE	0.00	0.00
099	LESS:INTERIM DIVIDEND PAID	0.00	0.00
100	LESS:TAX ON INTERIM DIVIDEND PAID	0.00	0.00
101	LESS:FINAL DIVIDEND PAID	0.00	0.00
102	LESS:TAX ON FINAL DIVIDEND PAID	0.00	0.00
103	LESS: ISSUE OF BONUS DEBENTURE	0.00	0.00
104	LESS: TAX ON ISSUE OF BONUS DEBENTURE	0.00	0.00
105	**SUB-TOTAL**	**133,012,467,624.61**	**131,689,624,459.38**
110		0.00	0.00
111	**REMEASUREMENT OF DEFINED BENEFIT PLANS**	**0.00**	**0.00**
112	AS PER LAST FINANCIAL STATEMENTS	-269,945,505.67	-234,052,118.90
113	ADD/(LESS):- ACTUARIAL GAINS/LOSS THROUGH OCI	-15,174,235.26	-35,893,386.77
114	**SUB-TOTAL**	**-285,119,740.93**	**-269,945,505.67**
115		0.00	0.00
116	**FVTOCI Reserve**	**0.00**	**0.00**
117	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
118	ADD(LESS):-NET GAIN/LOSS OF EQUITY INSTRUMENTS THROUGH OCI	0.00	0.00
119	**Sub-Total**	**0.00**	**0.00**
120		**0.00**	**0.00**
121	**Total Other equity**	**135,740,588,647.25**	**133,947,896,162.64**
122		0.00	0.00
123		0.00	0.00
124		0.00	0.00
125		0.00	0.00
126		0.00	0.00
127		0.00	0.00
128		0.00	0.00

(Amount in ₹)

As at	31.03.2022	31.03.2021

NATIONAL CAPITAL POWER STATION

NOTE NO. 23 TO THE FS-NCL-BORROWINGS (Amount in ₹)

	As at	31.03.2022	31.03.2021
001	**LONG TERM BORROWINGS**	**0.00**	**0.00**
002	**Bonds**	**0.00**	**0.00**
003	**Secured**	**0.00**	**0.00**
004	7.37 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3A).	0.00	0.00
005	7.62 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3 B).	0.00	0.00
006	8.61% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2034 (Fifty First Issue C - Private Placement)	0.00	0.00
007	8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3A)	0.00	0.00
008	8.91% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3B)	0.00	0.00
009	7.37% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 14th December 2031 (Sixty Sixth Issue - Private Placement)	0.00	0.00
010	7.49% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 7th November 2031 (Sixty Fourth Issue - Private Placement)	0.00	0.00
011	7.28 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series	0.00	0.00

	As at	31.03.2022	31.03.2021
	2A)		
012	7.53 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series 2 B).	0.00	0.00
013	7.32% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 17 July 2029 (Sixty Ninth Issue - Private Placement)	0.00	0.00
014	8.63% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2029 (Fifty First Issue B - Private Placement)	0.00	0.00
015	8.30% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 15 January 2029 (Sixty Seventh Issue - Private Placement)	0.00	0.00
016	8.48% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2A)	0.00	0.00
017	8.73% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2B)	0.00	0.00
018	7.47% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 16th September 2026 (Sixty Third Issue - Private Placement)	0.00	0.00
019	7.58% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in	0.00	0.00

	As at	31.03.2022	31.03.2021
	full on 23rd August 2026 (Sixty Second Issue - Private Placement)		
020	8.05% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 5th May 2026 (Sixtieth Issue - Private Placement)	0.00	0.00
021	8.19% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 15th December 2025 (Fifty Seventh Issue - Private Placement)	0.00	0.00
022	7.11 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1A).	0.00	0.00
023	7.36 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1 B).	0.00	0.00
024	7.15% Tax free secured non-cumulative non-convertible redeemable bonds - 2015 of Rs. 10,00,000/- each redeemable at par in full on 21st August 2025 (Fifty Fifth Issue - Private Placement)	0.00	0.00
025	9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 22nd September 2024 (53rd Issue - private placement).	0.00	0.00
026	9.34% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 24th March 2024 (Fifty Second Issue - private placement)	0.00	0.00
027	8.19% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 10,00,000/- each redeemable at	0.00	0.00

	As at	31.03.2022	31.03.2021
	par in full on 4th March 2024 (Fifty First Issue A - Private Placement)		
028	8.41% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1A)	0.00	0.00
029	8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1B)	0.00	0.00
030	9.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 4th May 2023 and ending on 4th May 2027 (Forty fourth issue - private placement)VII	0.00	0.00
031	8.48% Secured non-cumulative non-nonvertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 1st May 2023 (Seventeenth issue - private placement)I	0.00	0.00
032	8.80% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th April 2023 (Forty ninth issue -private placement	0.00	0.00
033	8.49% Secured non-cumulative non-convertible redeemable taxable fully paid-up bonus debentures of Rs. 12.50 each redeemable at par in three annual installments of Rs. 2.50, Rs. 5.00 and Rs. 5.00 at the end of 8th year, 9th year and 10th year on 25th March 2023, 25th March 2024 and 25th March 2025 respectively (Fifty Fourth Issue -Bonus Debentures)X - (refer Note 5 d)	0.00	0.00
034	8.73% Secured non-cumulative	0.00	0.00

	As at	31.03.2022	31.03.2021
	non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 07th March 2023 (Forty eighth issue - private placement)		
035	9.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 25th January 2023 and ending on 25th January 2027 (Forty second issue- private placement)III	0.00	0.00
036	8.84% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th October 2022 (Forty seventh issue- private placement)VII	0.00	0.00
037	7.93% Secured non-cumulative non-convertible redeemable taxable bonds of ` 10,00,000/- each redeemable at par in full on 03 May 2022 (68th Issue - Private Placement)	0.00	0.00
038	6.72% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 24th November 2021 (Sixty Fifth Issue - Private Placement)	0.00	0.00
039	8.10% Secured Non-Cumulative Non-Convertible Redeemable Taxable Bonds of Rs. 30,00,000/- each redeemable at par in three equal separately transferable redeemable principal parts (STRPP) at the end of 5th year, 10th year & 15th year on 27th May 2021, 27th May 2026 and 27th May 2031 respectively (Sixty First Issue- Private Placement)	0.00	0.00
040	8.33% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 24th February 2021	0.00	0.00

	As at	31.03.2022	31.03.2021
	(Fifty Ninth Issue - Private Placement).		
042	8.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 19th January 2021 Thirty seventh issue - private placement)III	0.00	0.00
043	8.18% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 31st December 2020 (Fifty Eight Issue - Private Placement).	0.00	0.00
044	8.73 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 31st March 2020 (Thirty third issue- private placement)III	0.00	0.00
045	8.78 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 9th March 2020 (Thirty first issue- private placement)III	0.00	0.00
046	11.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in five equal annual installments commencing from 6th Nov 2019 and ending on 6th Nov 2023 (Twenty seventh issue - private placement)III	0.00	0.00
047	7.89% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 5th May 2019 (Thirtieth issue - private placement)III	0.00	0.00
048	8.65% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th February 2019 (Twenty ninth issue - private placement)III	0.00	0.00
049	7.50% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full	0.00	0.00

	As at	31.03.2022	31.03.2021
	on 12th January 2019 (Nineteenth issue - private placement)II		
050	11% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21st November 2018 (Twenty eighth issue - private placement)III	0.00	0.00
051	9.3473% Secured non-cumulative non-convertible redeemable taxable bonds of ₹15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 20th July 2018 and ending on 20th July 2032 (Forty sixth issue - private placement)VII	0.00	0.00
052	9.4376% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 16th May 2018 and ending on 16th May 2032 (Forty fifth issue - private placement)VII	0.00	0.00
053	8.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 10th April 2018 (Sixteenth issue -private placement)I	0.00	0.00
054	9.2573% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 2nd March 2018 and ending on 2nd March 2032 (Forty third issue - private placement)III	0.00	0.00
055	9.6713% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

	As at	31.03.2022	31.03.2021
	of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 23rd December 2017 and ending on 23rd December 2031 (Forty first issue - private placement)III		
056	9.558% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 29th July 2017 and ending on 29th July 2031(Fourtieth issue-private placement)III	0.00	0.00
057	9.3896% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 9th June 2017 and ending on 9th June 2031(Thirty ninth issue-private placement)III	0.00	0.00
058	9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 22nd March 2017 and ending on 22nd March 2031(Thirty eighth issue-private placement)III	0.00	0.00
059	8.8086% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th	0.00	0.00

	As at	31.03.2022	31.03.2021
	year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th December 2016 and ending on 15th December 2030 (Thirty sixth issue - private placement)III		
060	8.785% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th September 2016 and ending on 15th September 2030 (Thirty fifth issue - private placement)III	0.00	0.00
061	8.71% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 10th June 2016 and ending on 10th June 2030 (Thirty fourth issue - private placement)III	0.00	0.00
062	8.8493% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 25th March 2016 and ending on 25th March 2030 (Thirty second issue - private placement)III	0.00	0.00
063	9.37% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty fifth issue -	0.00	0.00

	As at	31.03.2022	31.03.2021
	private placement)III		
065	9.06% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty sixth issue - private placement)III	0.00	0.00
066	8.6077% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 9th September 2011 and ending on 9th March 2021 (Twenty fourth issue - private placement)IV	0.00	0.00
067	8.3796% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 5th August 2011 and ending on 5th February 2021 (Twenty third issue - private placement)IV	0.00	0.00
068	8.1771% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd July 2011 and ending on 2nd January 2021 (Twenty second issue - private placement)IV	0.00	0.00
069	7.7125% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd August 2010 and ending on 2nd February 2020 (Twenty first issue - private placement)V	0.00	0.00
070	7.552% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

	As at	31.03.2022	31.03.2021
	of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 23rd September 2009 and ending on 23rd March 2019 (Twentieth issue - private placement)VI		
071	9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each with ten equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of the 6th year and in annual installments thereafter upto the end of 15th year respectively from 30th April 2002 (Thirteenth issue - Part B - private placement)VIII	0.00	0.00
072	9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each redeemable at par in ten equal annual installments commencing from the end of 6th year and upto the end of 15th year respectively from 18th April 2002 (Thirteenth issue -Part A - private placement)VIII	0.00	0.00
075		0.00	0.00
076		0.00	0.00
077	**Sub Total**	**0.00**	**0.00**
078	**Unsecured**	**0.00**	**0.00**
079	6.55% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 17 April 2023 (Seventieth Issue - Private Placement)	0.00	0.00
080	6.29% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 11 April 2031 (Seventy First Issue - Private Placement)	0.00	0.00
081	5.45% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 15 October 2025 (Seventy Second Issue - Private Placement)	0.00	0.00
082	6.43% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in	0.00	0.00

	As at	31.03.2022	31.03.2021
	full on 27 January 2031 (Seventy Third Issue - Private Placement)		
083	6.87% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21 April 2036 (Seventy Fourth Issue - Private Placement)	0.00	0.00
084	6.69% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 13 September 2031 (Seventy Fifth Issue - Private Placement)	0.00	0.00
085	6.74% Unsecured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 14 April 2032 (Seventy Sixth Issue - Private Placement)	0.00	0.00
086		0.00	0.00
087		0.00	0.00
088		0.00	0.00
089	**Sub-total**	**0.00**	**0.00**
090	**Total**	**0.00**	**0.00**
091	**Foreign Currency Notes-Unsecured**	**0.00**	**0.00**
092	4.50% Fixed Rate Notes Due for repayment on 19th March 2028	0.00	0.00
093	2.75% Fixed rate notes due for repayment on 1st February 2027	0.00	0.00
094	4.25 % Fixed rate notes due for repayment on 26th February 2026	0.00	0.00
095	4.375% Fixed Rate Note due for repayment on 26th November 2024	0.00	0.00
096	4.75 % Fixed Rate Notes due for repayment on 3rd Oct 2022	0.00	0.00
097	7.25 % Fixed green global INR denominated bonds due on 3 May 2022	0.00	0.00
098	7.375 % Fixed green global INR denominated bonds due on 10 August 2021	0.00	0.00
099	5.625% Fixed Rate Notes due for repayment on 14th July 2021	0.00	0.00
100	3.75 % Fixed rate notes due for repayment on 03 April 2024	0.00	0.00
101		0.00	0.00
102		0.00	0.00
103		0.00	0.00
104	**Sub Total**	**0.00**	**0.00**
105	**Term Loans**	**0.00**	**0.00**
106	**From Banks**	**0.00**	**0.00**
107	**Secured**	**0.00**	**0.00**
108	Rupee Loans	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 23 TO THE FS-NCL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
109	**Unsecured**	**0.00**	**0.00**
110	Foreign Currency Loans	0.00	0.00
111	Rupee Loans	0.00	0.00
112	**From Others**	**0.00**	**0.00**
113	**Secured**	**0.00**	**0.00**
114	Rupee Loans	0.00	0.00
115	Foreign Currency loans (guaranteed by GOI)	0.00	0.00
116	**Unsecured**	**0.00**	**0.00**
117	Foreign Currency loans (guaranteed by GOI)	0.00	0.00
118	Other Foreign currency loans	0.00	0.00
120	Rupee Loans	0.00	0.00
121	**Deposits**	**0.00**	**0.00**
122	**Unsecured**	**0.00**	**0.00**
123	Fixed Deposits	0.00	0.00
124	**Others**	**0.00**	**0.00**
125	**Unsecured**	**0.00**	**0.00**
126	Bonds Application Money Pending Allotment	0.00	0.00
127	**Sub-total**	**0.00**	**0.00**
128	**Total**	**0.00**	**0.00**
129	Less:- Interst accrued but not due on secured borrowings	0.00	0.00
130	Less:- Interst accrued but not due on unsecured borrowings	0.00	0.00
131	Less:- Current maturities of long term borrowings	0.00	0.00
132	Bonds-Secured	0.00	0.00
133	Fixed Rate Notes	0.00	0.00
135	Foreign currency loans from Banks- unsecured	0.00	0.00
136	Rupee loans from banks- Secured	0.00	0.00
137	Rupee loans from banks- unsecured	0.00	0.00
138	Rupee Term loan from Others - Secured	0.00	0.00
139	Foreign currency loans from others- unsecured (Guaranteed by GOI)	0.00	0.00
140	Other foreign currency loans from others- unsecured	0.00	0.00
141	Rupee loans from others- unsecured	0.00	0.00
142		0.00	0.00
143		0.00	0.00
144		0.00	0.00
145		0.00	0.00
146		0.00	0.00
147		0.00	0.00
148		0.00	0.00
149		0.00	0.00
150		0.00	0.00
151		0.00	0.00
200	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 24 TO THE FS-NCL-TRADE PAYABLES **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**TRADE PAYABLES(NON CURRENT)**	**0.00**	**0.00**
002	**For Goods and Services**	**0.00**	**0.00**
003	- Micro & Small Enterprises	6,517,044.67	3,432,605.74
004	- Others	5,038,712.06	1,529,995.58
005		0.00	0.00
006	**Total**	**11,555,756.73**	**4,962,601.32**

NATIONAL CAPITAL POWER STATION

NOTE NO. 25 TO THE FS-NCL-OTHER FINANCIAL LIABILITIES **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**OTHER FINANCIAL LIABILITIES (NON-CURRENT)**	**0.00**	**0.00**
002	Payable for Capital Expenditure	0.00	0.00
003	- Micro & Small Enterprises	335,444.50	131,758.45
004	- Others	1,236,743.49	680,920.29
005	Others	0.00	0.00
006	Deposits from contractors and others	0.00	0.00
007		0.00	0.00
008		0.00	0.00
009	**Total**	**1,572,187.99**	**812,678.74**

NATIONAL CAPITAL POWER STATION

NOTE NO. 26 TO THE FS-NCL-PROVISIONS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**LONG TERM PROVISIONS**	**0.00**	**0.00**
002	**Provision for Employee Benefits**	**0.00**	**0.00**
003	Opening Balance	0.00	0.00
004	Additions/ (adjustments) during the year	0.00	0.00
005	**Closing Balance**	**0.00**	**0.00**
006		0.00	0.00
007	**Others**	**0.00**	**0.00**
008	**i) Mine Closure Provision**	**0.00**	**0.00**
009	Opening Balance	0.00	0.00
010	Additions during the year	0.00	0.00
011	Amounts adjusted during the year	0.00	0.00
012	Amounts reversed during the year	0.00	0.00
013	**Closing Balance**	**0.00**	**0.00**
014		0.00	0.00
015	**ii) Stripping Activity Adjustments**	**0.00**	**0.00**
016	Opening Balance	0.00	0.00
017	Additions during the year	0.00	0.00
018	Amounts adjusted during the year	0.00	0.00
019	Amounts reversed during the year	0.00	0.00
020	**Closing Balance**	**0.00**	**0.00**
021		0.00	0.00
024		0.00	0.00
025	**TOTAL**	**0.00**	**0.00**

NOTE NO. 27 TO THE FS-NCL-DEFERRED TAX LIABILITIES (NET) (Amount in ₹)

	As at	Open Balance on 01.04.2021	Addition	Closing Balance on 31.03.2022
001	**DEFERRED TAX LIABILITIES (NET)**			
002	Difference of book depreciation and tax depreciation	0.00	0.00	0.00
003	Less: Deferred tax assets			
004	Provisions & Other disallowances for tax purposes	0.00	0.00	0.00
005	Unabsorbed Depreciation	0.00	0.00	0.00
006	Disallowances u/s 43B of the Income Tax Act, 1961	0.00	0.00	0.00
007	Others	0.00	0.00	0.00
008	Opening Balance	0.00	0.00	0.00
009	Additions during the year	0.00	0.00	0.00
010	Amounts adjusted during the year	0.00	0.00	0.00
011	Amounts reversed during the year	0.00	0.00	0.00
012	Closing Balance	0.00	0.00	0.00
013	MAT credit entitlement	0.00	0.00	0.00
014	**Total**	**0.00**	**0.00**	**0.00**
015	**Total**	**0.00**	**0.00**	**0.00**
016	Breakup of deferred tax assets	0.00	0.00	0.00
017	Provision	0.00	0.00	0.00
018	Statutory dues	0.00	0.00	0.00
019	Leave encashment	0.00	0.00	0.00
020	Others	0.00	0.00	0.00
021		0.00	0.00	0.00
022		0.00	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 28 TO THE FS-NCL-OTHER NON-CURRENT LIABILITIES **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	Other Non current Liabilities	0.00	0.00
002	Advances from customers and others	0.00	0.00
003	Deposits from contractors and others	0.00	0.00
004	Grants	0.00	0.00
005	**TOTAL**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 29 TO THE FS-CL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**Short Term Borrowings**	**0.00**	**0.00**
002	**Loans repayable on demand**	**0.00**	**0.00**
003	**From Banks**	**0.00**	**0.00**
004	**Secured**	**0.00**	**0.00**
005	Cash Credit	0.00	0.00
006	**Unsecured**	**0.00**	**0.00**
007	Cash Credit	0.00	0.00
008	**Other loans-unsecured**	**0.00**	**0.00**
009	Commercial Papers	0.00	0.00
010	Less: Unamortised discount on Commercial Papers	0.00	0.00
011	**Sub-Total**	**0.00**	**0.00**
012	**Current maturity of long term borrowings**	**0.00**	**0.00**
013	Bonds-Secured	0.00	0.00
014	Foreign Currency Fixed Rate Notes	0.00	0.00
015	**From Banks**	**0.00**	**0.00**
016	**Secured**	**0.00**	**0.00**
017	Rupee Term Loan	0.00	0.00
018	Foreign currency loans	0.00	0.00
019	**Unsecured**	**0.00**	**0.00**
020	Foreign currency loans	0.00	0.00
021	Rupee term loans	0.00	0.00
022	**From Others**	**0.00**	**0.00**
023	**Secured**	**0.00**	**0.00**
024	Rupee Term Loan	0.00	0.00
025	**Unsecured**	**0.00**	**0.00**
026	Foreign currency loans (Guaranteed by Government of India)	0.00	0.00
027	Other foreign currency loans	0.00	0.00
028	Rupee term loans	0.00	0.00
029	Fixed deposits	0.00	0.00
031	Sub Total	0.00	0.00
032	**TOTAL**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 30 TO THE FS-CL-TRADE PAYABLES

(Amount in ₹)

	As at	31.03.2022	31.03.2021
001	**TRADE PAYABLES**	**0.00**	**0.00**
002	For Goods and Services	0.00	0.00
003	- Micro & Small Enterprises	106,761,225.15	105,656,010.95
004	- Others	4,300,214,341.89	1,742,572,616.08
005		0.00	0.00
006	**Total**	**4,406,975,567.04**	**1,848,228,627.03**
007		0.00	0.00
172	**Trade payable**	**0.00**	**0.00**
173	**MSME**	**0.00**	**0.00**
174	Unbilled	62,074,790.32	27,855,069.10
175	Not due	34,714,305.83	44,625,784.85
176	**Due**	**9,972,129.00**	**33,175,157.00**
177	Disputed	0.00	0.00
178	Undisputed	9,972,129.00	33,175,157.00
179		0.00	0.00
180	**Sub-total (A)**	**106,761,225.15**	**105,656,010.95**
181		0.00	0.00
182	**Others**	**0.00**	**0.00**
183	Unbilled	273,412,548.53	163,558,791.19
184	Not due	1,224,050,402.33	848,379,440.34
185	**Due**	**2,802,751,391.03**	**730,634,384.55**
186	Disputed	0.00	0.00
187	Undisputed	2,802,751,391.03	730,634,384.55
188		0.00	0.00
189	**Sub-total (B)**	**4,300,214,341.89**	**1,742,572,616.08**
190		0.00	0.00
191	**Total**	**4,406,975,567.04**	**1,848,228,627.03**
192		0.00	0.00
193	**Ageing**	**0.00**	**0.00**
194	**MSME**	**0.00**	**0.00**
195	**Disputed**	**0.00**	**0.00**
196	Less than 1 year	0.00	0.00
197	1-2 years	0.00	0.00
198	2-3 years	0.00	0.00
199	More than 3 years	0.00	0.00
200	**Sub Total (I)**	**0.00**	**0.00**
201		0.00	0.00
202	**Undisputed**	**0.00**	**0.00**
203	Less than 1 year	9,972,129.00	33,175,157.00
204	1-2 years	0.00	0.00
205	2-3 years	0.00	0.00
206	More than 3 years	0.00	0.00
207	**Sub Total (II)**	**9,972,129.00**	**33,175,157.00**
208		0.00	0.00
209	**Total MSME (III)**	**9,972,129.00**	**33,175,157.00**
210		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 30 TO THE FS-CL-TRADE PAYABLES **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
211	**Others**	**0.00**	**0.00**
212	**Disputed**	**0.00**	**0.00**
213	Less than 1 year	0.00	0.00
214	1-2 years	0.00	0.00
215	2-3 years	0.00	0.00
216	More than 3 years	0.00	0.00
217	**Sub Total (IV)**	**0.00**	**0.00**
218		0.00	0.00
219	**Undisputed**	**0.00**	**0.00**
220	Less than 1 year	2,764,504,581.62	257,552,595.70
221	1-2 years	25,129,745.88	459,544,883.70
222	2-3 years	2,078,865.70	580,739.00
223	More than 3 years	11,038,197.83	12,956,166.15
224	**Sub Total (V)**	**2,802,751,391.03**	**730,634,384.55**
225		0.00	0.00
226	**Total Others (VI)**	**2,802,751,391.03**	**730,634,384.55**

NATIONAL CAPITAL POWER STATION

NOTE NO. 31 TO THE FS-CL-OTHER FINANCIAL LIABILITIES **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**OTHER FINANCIAL LIABILITIES (CURRENT)**	**0.00**	**0.00**
020		0.00	0.00
021	Interest accrued but not due on secured borrowings	0.00	0.00
022	Interest accrued but not due on unsecured borrowings	0.00	0.00
023	Unpaid Dividends*	0.00	0.00
024	Unpaid matured deposits and interest accrued thereon*	0.00	0.00
025	Unpaid matured bonds and interest accrued thereon*	0.00	0.00
026	Unpaid bond refund money-Tax free bonds *	0.00	0.00
027	Book Overdraft	0.00	0.00
028	Payable to Customers	0.00	0.00
029	Liability under forward exchange contact	0.00	0.00
030	Hedging cost payable to beneficiaries	0.00	0.00
031	Derivative MTM Liability	0.00	0.00
032	**Payable for Capital Expenditure**	**0.00**	**0.00**
033	- Micro & Small Enterprises	64,309,256.00	58,375,192.00
034	- Others	2,288,362,902.79	2,580,097,556.67
035	**Others Payables**	**0.00**	**0.00**
036	Deposits from contractors and others	139,641,027.00	98,696,814.00
037	Gratuity Obligations	0.00	0.00
038	Payable to employees	12,821,046.67	6,944,056.93
039	Payable to holding company	0.00	0.00
040	Retention on A/c BG encashment (Solar)	0.00	0.00
041	Payable to Solar Payment Security Account	0.00	0.00
042	Others **	119,997,642.39	83,559,127.57
043	Unspent CSR balance on ongoing Approved CSR projects	0.00	0.00
044	**Total**	**2,625,131,874.85**	**2,827,672,747.17**
045	* Represents the amounts which have not been claimed by the investor/holders of the bonds/fixed deposits. Out of the above, no amount is due for payment to Investor Education and Protection Fund.	0.00	0.00
046	** Include Payable to Hospital and other payable.	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 32 TO THE FS-CL-OTHER CURRENT LIABILITIES **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**OTHER CURRENT LIABILITIES**	**0.00**	**0.00**
002	Advances from customers and others	28,658,930.14	39,184,020.10
003	Deferred discount on forward exchange contact	0.00	0.00
004	Tax deducted at source and other statutory dues	106,326,482.95	49,835,113.24
005	Deposits from contractors and others	0.00	0.00
006	Government grants	0.00	0.00
007	Others	0.00	0.00
008	**Total**	**134,985,413.09**	**89,019,133.34**

NATIONAL CAPITAL POWER STATION

NOTE NO. 33 TO THE FS-CL-PROVISIONS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**SHORT TERM PROVISIONS**	**0.00**	**0.00**
002	**Provision for Employee Benefits**	**0.00**	**0.00**
003	Opening balance	0.00	0.00
004	Additions/ (adjustments) during the year	0.00	0.00
005	**Closing Balance**	**0.00**	**0.00**
028	**Provisions for Obligations Incidental to Land Acquisition**	**0.00**	**0.00**
029	Opening balance	0.00	0.00
030	Additions during the year	0.00	0.00
031	Amounts paid during the year	0.00	0.00
032	Amounts reversed during the year	0.00	0.00
033	**Closing Balance**	**0.00**	**0.00**
035	**Provision for Tariff Adjustment**	**0.00**	**0.00**
036	Opening balance	0.00	0.00
037	Additions during the year	0.00	0.00
038	Amounts adjusted during the year	0.00	0.00
039	Amounts reversed during the year	0.00	0.00
040	**Closing Balance**	**0.00**	**0.00**
042	**Provision for shortage in Fixed Assets Pending Investigation & Others**	**0.00**	**0.00**
043	Opening balance	180,517.29	0.00
044	Additions during the year	0.00	180,517.29
045	Amounts adjusted during the year	0.00	0.00
046	Amounts reversed during the year	180,517.29	0.00
047	**Closing Balance**	**0.00**	**180,517.29**
048	**Provision for Arbitration**	**0.00**	**0.00**
049	Opening balance	24,958,351.00	23,945,068.00
050	Additions during the year	12,072,593.78	1,013,283.00
051	Amounts used during the year	0.00	0.00
052	Amounts reversed during the year	0.00	0.00
053	**Closing Balance**	**37,030,944.78**	**24,958,351.00**
054	**Others**	**0.00**	**0.00**
055	Opening balance	0.00	0.00
056	Additions during the year	0.00	0.00
057	Amounts used during the year	0.00	0.00
058	Amounts reversed during the year	0.00	0.00
059	**Closing Balance**	**0.00**	**0.00**
102		0.00	0.00
103	**Total**	**37,030,944.78**	**25,138,868.29**

NATIONAL CAPITAL POWER STATION

NOTE NO. 34 TO THE FS-CL-CURRENT TAX LIABILITIES (NET) **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**Current liabilities - current tax liabilities (net)**	**0.00**	**0.00**
002	Opening balance	0.00	0.00
003	Additions during the year	0.00	0.00
004	Amounts adjusted during the year	0.00	0.00
005	Less: Set off against taxes paid	0.00	0.00
006	**Closing Balance**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 35 TO THE FS--DEFERRED REVENUE **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**Deferred Revenue**	**0.00**	**0.00**
002	On account of advance against depreciation	0.00	0.00
003	On account of income from foreign currency fluctuation	111,259,000.00	130,587,000.00
004	Government grants	0.00	0.00
006	**TOTAL**	**111,259,000.00**	**130,587,000.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 36 TO THE FS--REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	Regulatory deferral account credit balances	0.00	0.00
002	Exchange Differences	0.00	0.00
003		0.00	0.00
004	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 37 TO THE FS--REVENUE FROM OPERATIONS **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
001	**REVENUE FROM OPERATIONS**	**0.00**	**0.00**
002	**Sales**	**0.00**	**0.00**
003	Energy Sales (including Electricity Duty)	28,417,849,171.12	30,000,172,658.13
004	Less : Advance against depreciation deferred (net)	0.00	0.00
005	Add: Revenue recognized out of advance against depreciation	0.00	0.00
006	Add : Exchange fluctuation receivable from customers	0.00	0.00
007	Sale of energy through trading	0.00	0.00
008	Commission (NVVN)	0.00	0.00
009	**Sub total**	**28,417,849,171.12**	**30,000,172,658.13**
010	Less: Rebate to customers	230,389,972.42	886,949,721.90
011	**Energy Sales (Total)**	**28,187,459,198.70**	**29,113,222,936.23**
012	Consultancy, project management and supervision fees	0.00	0.00
013	Lease rentals on assets on Operating lease	0.00	0.00
014	Sale of Captive Coal	0.00	0.00
015	Intra Company Elimination	0.00	0.00
017	**Sub-total**	**0.00**	**0.00**
018	**Total - Sales**	**28,187,459,198.70**	**29,113,222,936.23**
019	Sale of fly ash/ash products	485,023,554.64	300,343,513.16
020	Less: Transferred to fly ash utilisation reserve fund	-485,023,554.64	-300,343,513.16
021	**Sub-total**	**0.00**	**0.00**
022	**Other Operating Income**	**0.00**	**0.00**
023	Interest from customers	2,605,600.00	23,736,963.00
024	Energy Internally Consumed *	62,190,837.49	69,246,611.00
025	Interest income on Assets under finance lease	0.00	0.00
026	Recognized from deferred revenue - government grant	0.00	0.00
027	Provision written back- Tariff Adjustment	0.00	0.00
028	Income form Trading of ESCerts	0.00	0.00
029	Income from E-Mobility Business & others	0.00	0.00
030	Others	0.00	0.00
031	**Total**	**28,252,255,636.19**	**29,206,206,510.23**
040	* Valued at variable cost of generation and corresponding amount included in power charges (Note No. 42)	0.00	0.00
041	Excise duty on sale of flyash,cenospere & ash products	0.00	0.00
042	Energy sales of principal nature (NVVN)	0.00	0.00
043	Energy sales of agency nature (NVVN)	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 38 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
001	**OTHER INCOME**	**0.00**	**0.00**
002	**Interest from**	**0.00**	**0.00**
004	**Financial assets at amortised cost**	**0.00**	**0.00**
005	Government Securities (8.5% Tax Free Bonds issued by the State Goverments)	0.00	0.00
006	Other Bonds	0.00	0.00
007		0.00	0.00
008	Interest from Government of India Securties-Non-Trade	0.00	0.00
009	Less: Amortziation of premium	0.00	0.00
010	**Sub Total**	**0.00**	**0.00**
011	Interest from others	0.00	0.00
012	Loan to State Government in settlement of dues from customers	0.00	0.00
013	Loan to Subsidiary Companies	0.00	0.00
014	Loan to Employees	27,525,138.08	22,668,603.92
015	Deposit with banks	0.00	0.00
016	Foreign Banks	0.00	0.00
017	Interest from Contractors	0.00	0.00
018	Interest from Income Tax Refunds	0.00	0.00
019	Less : Refundable to Customers	0.00	0.00
020	**Sub Total**	**0.00**	**0.00**
021	Deposits with banks-flyash utilisation reserve fund	0.00	0.00
022	Less: transferred to flyash utilisation reserve fund	0.00	0.00
023	**Sub Total**	**0.00**	**0.00**
024	Deposits with banks- DDUGJY funds	0.00	0.00
025	Interest from Contractors- DDUGJY funds	0.00	0.00
026	Transfer to DDUGJY-Advance from customers	0.00	0.00
027	Sub-total	0.00	0.00
030	Others	2,867,336.00	0.00
031		0.00	0.00
032	**Dividend from**	**0.00**	**0.00**
033	**Longterm investments in**	**0.00**	**0.00**
034	Subsidiaries	0.00	0.00
035	Joint Ventures	0.00	0.00
036	Equity Instruments	0.00	0.00
037	**Current Investments in**	**0.00**	**0.00**
038	Mutual Funds measured at fairvalue through profit or loss	0.00	0.00
039	Current investments in mutual funds-flyash utilisation reserve fund	0.00	0.00
040	Less: transferred to flyash utilisation reserve fund	0.00	0.00
041	Lease Rent # Ash Brick Plant	0.00	0.00
042	Less: transferred to flyash utilisation reserve fund	0.00	0.00
043	Other non-operating income	0.00	50.00
044	Profit on disposal of PPE	54,156.25	62,528.20
045	Profit on redemption of GOI securities	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 38 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
046	Net gain on sale of investments	0.00	0.00
047	Surcharge received from customers	163,679,620.00	304,850,564.00
048	Hire charges for equipment	0.00	0.00
049	Gain on option contract / Discount on F.ExchContract	0.00	0.00
050	Provision written back-others	32,722,035.25	8,808,736.17
051	Fair value gains/(losses) on investments in mutual funds at fair value through profit or loss	0.00	0.00
052	Interest from Solar payment security account	0.00	0.00
053	Less : Transferred to SPSA fund	0.00	0.00
054	Interest on "Retention on A/c BG encashment (Solar)"	0.00	0.00
055	Less : Transferred to "Retention on A/c BG encashment (Solar)"	0.00	0.00
056	Miscellaneous Income	73,065,559.53	81,653,211.33
057	**Total**	**299,913,845.11**	**418,043,693.62**
058	Less:Transferred to Development of Coal Mines-Note 43A	0.00	0.00
059	Less:Transferred to Expenditure during Construction period (net)- Note 43	95,161.00	122,852.13
060	Less: Others	0.00	0.00
062	**Total**	**299,818,684.11**	**417,920,841.49**
063		0.00	0.00
064	**Details of Miscellaneous Income**	**0.00**	**0.00**
065	Vehicle Hire Charges.	189,328.80	116,000.00
066	Sale of by products & residuals	0.00	0.00
067	Township recoveries(exl. Hospital Recoveries).	31,097,658.04	63,977,866.84
068	Depreciation written back	0.00	0.00
069	Sale of Scrap.	18,729,806.92	10,498,763.34
070	Receipt under loss of profit policy.	0.00	0.00
071	Receipts under MBD/Fire Policy.	13,196,689.00	2,050,952.00
072	Management development programme.	0.00	0.00
073	Management Fee - Misc (NVVN)	0.00	0.00
074	Others	9,852,076.77	5,009,629.15
075		0.00	0.00
076	**Total (Miscellaneous Income)**	**73,065,559.53**	**81,653,211.33**
077		0.00	0.00
078	**Details of Provision written back others**	**0.00**	**0.00**
079	Doubtful debts	0.00	0.00
080	Doubtful Loans, Advances and Claims	0.00	0.00
081	Doubtful Construction Advances	0.00	0.00
082	Shortage in Construction Stores	0.00	0.00
083	Shortage in Stores	32,541,517.96	8,808,736.17
084	Obsolescence in Stores	0.00	0.00
085	Unserviceable capital works	0.00	0.00
086	Other Obligation including Arbitration	0.00	0.00
087	Shortage in Fixed Assets	180,517.29	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 38 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
088	Diminution in value of Investment	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 38A TO THE FS--FUEL COST **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
001	**FUEL COST**	**0.00**	**0.00**
002	Coal	0.00	0.00
003	Captive	0.00	0.00
004	Other than captive	18,476,872,765.23	13,957,891,314.24
005	Gas	0.00	0.00
006	Naptha	0.00	0.00
007	Oil	253,410,680.21	204,348,569.07
008	Biomass Pellets	43,901,268.12	57,799,875.48
009	**Total**	**18,774,184,713.56**	**14,220,039,758.79**
010		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 39 TO THE FS--EMPLOYEE BENEFITS EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
001	**EMPLOYEE BENEFITS EXPENSE**	**0.00**	**0.00**
002	Salaries and wages	1,959,565,058.45	1,781,765,984.14
003	Contribution to provident and other funds	271,053,208.42	236,848,447.18
004	Unwinding of deferred payroll expense	16,281,342.99	11,772,967.39
005	Staff welfare expenses	318,570,384.89	253,222,334.36
006	Less : Expenses transferred to Consultancy group	0.00	0.00
007		0.00	0.00
008	**Sub Total**	**2,565,469,994.75**	**2,283,609,733.07**
009	Less: Employee benefits expense allocated to fuel inventory	108,758,781.16	43,478,186.56
010	Less: Transferred/Allocated to development of coal mines	0.00	0.00
011	Less: Others	0.00	0.00
012	Less: Transferred to fly ash utilisation reserve fund	0.00	0.00
013	Less: Transferred to CSR Expenses	0.00	0.00
014	Reimbursements for employees on secondment	136,824.00	193,219.00
015	Less: Transferred to expenditure during construction period (net)- Note 43	22,467,418.75	26,385,144.17
016	**TOTAL**	**2,434,106,970.84**	**2,213,553,183.34**
017	**Managerial Remuneration paid/ payable to Directors included above (except for Directors fee which is included in Note 42)**	**0.00**	**0.00**
018	Salaries and wages	0.00	0.00
019	Contribution to provident and other funds	0.00	0.00
020	Staff welfare expenses	0.00	0.00
021	Directors fee	0.00	0.00
022		0.00	0.00
023		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 40 TO THE FS--FINANCE COSTS **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
001	**FINANCE COSTS**	**0.00**	**0.00**
002	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
003	Bonds	550,902,066.72	501,087,439.89
004	Government of India Loans	0.00	0.00
005	Foreign currency term loans	8,174,738.48	4,540,087.82
006	Rupee term loans	175,838,536.00	336,280,262.00
007	Public deposits	0.00	0.00
008	Foreign currency bonds/notes	0.00	0.00
009	Cash Credit	0.00	0.00
010	Unwinding of discount on account of vendor liabilities	1,271,042.71	1,464,548.76
011	Commercial Papers	0.00	0.00
012	**Sub Total**	**736,186,383.91**	**843,372,338.47**
013	Interest on non financial items	4,649,020.62	18,508,028.53
014	**Other Borrowing Costs**	**0.00**	**0.00**
015	Bonds servicing & public deposit exp.	547,763.41	448,742.51
016	Guarantee fee	0.00	0.00
017	Management fee	0.00	0.00
018	Committ charges/exposure premium	522,270.99	0.00
019	Bond issue expenses	0.00	0.00
020	Legal exp on foreign currency loans	0.00	0.00
021	Foreign currency bonds/notes exp.	0.00	0.00
022	Up-front fee	0.00	0.00
023	Insurance premium on foreign currency loans	0.00	0.00
024		0.00	0.00
025	Others	0.00	0.00
026	**Sub Total (Other Borrowing cost)**	**5,719,055.02**	**18,956,771.04**
027		0.00	0.00
028	**Exchange differences regarded as an adjustment to borrowing costs**	**0.00**	**-2,290,013.00**
029	**Sub Total**	**741,905,438.93**	**860,039,096.51**
030	Less: Transferred to Expenditure during construction period (net) - Note 43	135,194,288.37	115,277,343.46
031	Less: Transferred to development of coal mines- Note 43A	0.00	0.00
032		0.00	0.00
033	**Total**	**606,711,150.56**	**744,761,753.05**

NATIONAL CAPITAL POWER STATION

NOTE NO. 41 TO THE FS--DEPRECIATION AND AMORTIZATION EXPENSES **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
001	**Depreciation and amortization expenses**	**0.00**	**0.00**
002	On property, plant and equipment- Note 2	3,026,082,796.50	3,044,250,325.26
003	On intangible assets- Note 4	100,326,287.38	100,334,962.36
004	Sub-total	3,126,409,083.88	3,144,585,287.62
005	Less:	0.00	0.00
006	Allocated to fuel inventory	160,679,140.12	65,907,399.88
007	Transferred to Expenditure during Construction Period (net)- Note 43	0.00	0.00
008		0.00	0.00
009	Transferred/Allocated to development of coal mines	0.00	0.00
010	Adjustment with deferred revenue from deferred foreign currency fluctuation	19,328,000.00	19,328,000.00
011		0.00	0.00
012	**Total**	**2,946,401,943.76**	**3,059,349,887.74**

NATIONAL CAPITAL POWER STATION

NOTE NO. 42 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
001	**OTHER EXPENSES**	**0.00**	**0.00**
002	Power charges	54,480,661.36	60,992,986.49
003	Less: Recovered from contractors & employees	18,684,039.94	15,142,890.73
004	**Sub-Total(Power Charges)**	**35,796,621.42**	**45,850,095.76**
005	Water charges	14,061,686.60	17,175,357.94
006	Stores consumed	50,861,765.59	23,352,636.59
007	Rent	0.00	0.00
008	Less:Recoveries	0.00	0.00
009	**Sub-Total (Rent)**	**0.00**	**0.00**
010	Cost of captive coal produced	0.00	0.00
011	**Repairs & maintenance**	**0.00**	**0.00**
012	Buildings	63,376,823.67	67,864,436.74
013	Plant & machinery	0.00	0.00
014	Power stations	1,086,687,615.38	992,299,379.58
015	Construction equipment	95,559.63	224,575.37
016	Others	94,238,367.64	117,854,595.77
017	**Sub-total (Repairs & maintenance)**	**1,244,398,366.32**	**1,178,242,987.46**
019	Load Dispatch Center Charges	15,428,355.00	9,589,791.00
021	Insurance	69,945,754.06	76,718,287.64
022	Interest to beneficiaries	227,184,657.00	618,629.00
023	Rates and taxes	6,822,345.36	8,088,651.56
024	Water cess & environment protection cess	0.00	0.00
025	Training & recruitment expenses	9,700,242.86	6,411,795.17
026	Less: Receipts	0.00	0.00
027	**Sub-total (Training and recruitment expenses)**	**9,700,242.86**	**6,411,795.17**
028	Communication expenses	19,535,820.64	19,129,587.73
029	Inland Travel	79,450,894.86	66,201,731.02
030	Foreign Travel	0.00	0.00
031	Tender expenses	0.00	-818,512.38
032	Less: Receipt from sale of tenders	4,500.00	0.00
033	**Sub-total (Tender expenses)**	**-4,500.00**	**-818,512.38**
034	Payment to auditors	0.00	0.00
035	Audit fee	0.00	0.00
036	Tax audit fee	0.00	0.00
037	Other services	0.00	0.00
038	Reimbursement of expenses	0.00	614.69
039	**Sub-total (Payment to Auditors)**	**0.00**	**614.69**
040	Advertisement and publicity	1,360,278.82	1,059,592.29
041	Electricity duty	0.00	0.00
042	Security expenses	303,152,968.75	299,399,586.86
043	Entertainment expenses	21,072,149.25	21,053,306.24
044	Expenses for guest house	18,728,040.79	16,025,476.13
045	Less:Recoveries	2,066,601.00	1,000.00
046	**Sub-Total (Guest house expenses)**	**16,661,439.79**	**16,024,476.13**
047	Education expenses	49,949,526.42	56,653,161.52
049	Donations	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 42 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
050	Ash utilisation & marketing expenses	45,406,421.73	43,818,326.40
051	Directors sitting fee	0.00	0.00
053	Professional charges and consultancy fees	4,622,397.30	1,508,217.99
054	Legal expenses	10,696,820.38	13,119,005.82
055	EDP hire and other charges	14,726,744.55	8,886,517.09
056	Printing and stationery	488,574.90	394,128.19
057	Oil & gas exploration expenses	0.00	0.00
059	Hiring of vehicles	12,639,084.01	13,875,093.76
061	Reimbursement of L.C.charges on sales realisation	0.00	0.00
062		0.00	0.00
063	Cost of Hedging	0.00	0.00
064	Derivatives MTM loss/gain (Net)	0.00	0.00
065	Net loss/(gain) in foreign currency transactions & translations	-37,608,522.42	-21,726,685.79
066	Transport Vehicle running expenses	11,108,628.46	8,098,951.74
067	Horticulture Expenses	14,812,504.22	20,400,163.47
068	Hire charges- helicopter/aircraft.	0.00	0.00
069	Hire charges of construction equipment	0.00	0.00
070	Demurrage Charges	0.00	0.00
072		0.00	0.00
073	Miscellaneous expenses	18,783,454.80	9,909,314.60
074	Loss on disposal/write-off of PPE	10,022,374.33	19,580,150.33
075	**Sub-Total**	**2,271,076,855.00**	**1,962,614,959.82**
076	Less: Other expenses allocated to fuel inventory	192,416,395.74	65,488,166.81
077	Less: Transferred/Allocated to development of coal mines	0.00	0.00
078	Less: Transferred to fly ash utilisation reserve fund	45,409,279.59	43,819,783.59
079	Less: Hedging cost Net recoverable/payable from/to beneficiaries	0.00	0.00
080	Less: Others	0.00	0.00
081	Less: Transferred to CSR Expenses	51,742,614.00	61,711,458.00
082	Less:Transferred to Expenditure during Construction period(net)-Note 43	2,007,132.62	2,659,456.40
083	**Net (Generation, Administration and Other expenses)**	**1,979,501,433.05**	**1,788,936,095.02**
084	Corporate Social Responsibility Expenses	107,718,984.26	122,797,679.03
085	Less: Grants-in-aid	0.00	0.00
086	**Sub-total (Corporate Social Responsibility Expenses)**	**107,718,984.26**	**122,797,679.03**
087	**Provisions**	**0.00**	**0.00**
088	Doubtful Debts	0.00	375,353.48
089	Doubtful loans, advances and claims	0.00	0.00
090	Doubtful Construction Advances	0.00	0.00
091	Shortage in stores	3,678,192.00	18,745,181.00
092	Obsolete/Dimunition in the value of surplus stores	24,615,124.01	0.00
093	Shortage in construction stores	0.00	0.00
094	Dimunition in value of long term investments	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 42 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
095	Shortage in Fixed assets	0.00	180,517.29
096	Unfinished minimum work progress from oil & gas exploration	0.00	0.00
097	Unserviceable capital works	0.00	0.00
098	Tariff Adjustment	51,840,000.00	32,591,000.00
099	Others :	0.00	0.00
100	(i) Provision for arbitration cases	12,072,593.78	1,013,283.00
101	(ii) Other provisions	0.00	0.00
102	**Total (Provisions)**	**92,205,909.79**	**52,905,334.77**
103		0.00	0.00
104	**Total**	**2,179,426,327.10**	**1,964,639,108.82**
105		0.00	0.00
106	**Breakup of miscellaneous expenses.**	**0.00**	**0.00**
109	Hire charges of office equipment	0.00	0.00
111	Operating expenses of construction equipment	0.00	0.00
112	Operating expenses of D.G. sets	726,867.25	813,019.58
113	Furnishing expenses	457,808.57	33,145.21
114	Subscription to trade and other associations.	0.00	0.00
116	Visa and entry permit charges	0.00	0.00
117	Tree plantation exp.-NTPC Land	0.00	0.00
118	Research & development expenses .	0.00	0.00
119	Less : Grants received for Research & develoment expenses.	0.00	0.00
120	Sub-total (Research & development expenses)	0.00	0.00
121	Bank charges	7,644.60	11,086.74
122	Business Development Expenditure	0.00	0.00
123	Surcharge (NVVN)	0.00	0.00
124	Power Trading Expenses	4,099,819.00	239,137.00
125	Brokerage & commission	1,706,149.45	251,533.79
129	Books and periodicals	7,211.40	24,104.84
130	Claims/advances written off	0.00	0.00
131	Stores written off	0.00	0.00
132	Survey &Investigation expenses written off	0.00	0.00
133	Others	11,777,954.53	8,537,287.44
134	**Total**	**18,783,454.80**	**9,909,314.60**
135		0.00	0.00
136		0.00	0.00
137		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 43 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET) (Amount in ₹)

	For the Year ended	31.03.2022	31.03.2021
001	**EXPENDITURE DURING CONSTRUCTION PERIOD (NET)**	**0.00**	**0.00**
002	A. Employee benefits expense	0.00	0.00
003	Salaries and wages	18,773,722.90	21,650,941.02
004	Contribution to provident and other funds	2,343,195.19	3,149,399.11
005	Unwinding of deffered payroll expenses	0.00	0.00
006	Staff welfare expenses	1,350,500.66	1,584,804.04
007	**Total (A)**	**22,467,418.75**	**26,385,144.17**
008	**B. Finance Costs**	**0.00**	**0.00**
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	65,212,058.64	47,541,890.41
011	Foreign currency term loans	5,827,230.73	2,916,516.05
012	Rupee term loans	64,154,999.00	67,108,950.00
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	0.00	0.00
015	Others	0.00	0.00
016		0.00	0.00
017	Other Borrowings Costs	0.00	0.00
018	Guarantee Commission	0.00	0.00
019	Management Fees/Arrangers Fees	0.00	0.00
020	Commitment charges/Exposure Premium	0.00	0.00
021	Legal Expenses on foreign currency loans	0.00	0.00
022	Foreign currency bonds/notes expenses	0.00	0.00
023	Foreign Credit Insurance Premium	0.00	0.00
024	Upfront Fee	0.00	0.00
025	Exchange Differences	0.00	0.00
026	Others	0.00	0.00
027	Exchange differences regarded as adjustment to interest cost	0.00	-2,290,013.00
028	**Total (B)**	**135,194,288.37**	**115,277,343.46**
029		0.00	0.00
030	C. Depreciation and amortisation	0.00	0.00
031	**D. Generation , administration and other expenses**	**0.00**	**0.00**
032	Power charges	211,954.00	436,990.00
033	Less: Recovered from contractors & employees	91,636.00	121,863.17
034	**Sub-total(Net power charges)**	**120,318.00**	**315,126.83**
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	112,754.72	0.00
039	Construction equipment	0.00	0.00
040	Others	0.00	419,795.45
041		0.00	0.00
042	Insurance	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 43 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET) **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
043	Rates and taxes	0.00	0.00
044	Communication expenses	294,998.00	276,135.00
045	Travelling expenses	668,070.25	1,226,983.96
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	**Sub-total (Net tender expenses)**	**0.00**	**0.00**
049	Advertisement and publicity	0.00	0.00
050	Security expenses	0.00	0.00
051	Entertainment expenses	78,830.00	66,000.00
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	**Sub-total (Net Guest House Expenses)**	**0.00**	**0.00**
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	0.00	0.00
061	EDP Hire and other charges	94,700.26	0.00
062	Printing and stationery	23,708.00	17,242.00
063	Miscellaneous expenses	613,753.39	338,173.16
064	**Total (D)**	**2,007,132.62**	**2,659,456.40**
065	**Total (A+B+C+D)**	**159,668,839.74**	**144,321,944.03**
066	**E. Less: Other Income**	**0.00**	**0.00**
067	Interest from	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	0.00	0.00
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	95,161.00	122,852.13
076	**TOTAL (E)**	**95,161.00**	**122,852.13**
077	F. Net actuarial gain/loss OCI	90,293.26	330,715.13
078		0.00	0.00
079	**GRAND TOTAL (A+B+C+D-E+F)**	**159,663,972.00**	**144,529,807.03**
080		0.00	0.00
081	*** Balance carried to Capital Work-in-progress - (Note 3)**	**159,663,972.00**	**144,529,807.03**

NATIONAL CAPITAL POWER STATION

NOTE NO. 43A TO THE FS--EDC- COAL MINING **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
001	**EDC- Coal Mining**	**0.00**	**0.00**
002	A. Employee benefits expense	0.00	0.00
003	Salaries and wages	0.00	0.00
004	Contribution to provident and other funds	0.00	0.00
005	Unwinding of deffered payroll expenses	0.00	0.00
006	Staff welfare expenses	0.00	0.00
007	**Total (A)**	**0.00**	**0.00**
008	**B. Finance Costs**	**0.00**	**0.00**
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	0.00	0.00
011	Foreign currency term loans	0.00	0.00
012	Rupee term loans	0.00	0.00
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	0.00	0.00
015	Others	0.00	0.00
016		0.00	0.00
017	Other Borrowings Costs	0.00	0.00
018	Guarantee Commission	0.00	0.00
019	Management Fees/Arrangers Fees	0.00	0.00
020	Commitment charges/Exposure Premium	0.00	0.00
021	Legal Expenses on foreign currency loans	0.00	0.00
022	Foreign currency bonds/notes expenses	0.00	0.00
023	Foreign Credit Insurance Premium	0.00	0.00
024	Upfront Fee	0.00	0.00
025	Exchange Differences	0.00	0.00
026	Others	0.00	0.00
027	Exchange differences regarded as adjustment to interest cost	0.00	0.00
028	**Total (B)**	**0.00**	**0.00**
029		0.00	0.00
030	C. Depreciation and amortisation	0.00	0.00
031	**D. Generation , administration and other expenses**	**0.00**	**0.00**
032	Power charges	0.00	0.00
033	Less: Recovered from contractors & employees	0.00	0.00
034	**Sub-total(Net power charges)**	**0.00**	**0.00**
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	0.00	0.00
039	Construction equipment	0.00	0.00
040	Others	0.00	0.00
041	Cost of Captive Coal	0.00	0.00
042	Insurance	0.00	0.00
043	Rates and taxes	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 43A TO THE FS--EDC- COAL MINING **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
044	Communication expenses	0.00	0.00
045	Travelling expenses	0.00	0.00
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	**Sub-total (Net tender expenses)**	**0.00**	**0.00**
049	Advertisement and publicity	0.00	0.00
050	Security expenses	0.00	0.00
051	Entertainment expenses	0.00	0.00
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	**Sub-total (Net Guest House Expenses)**	**0.00**	**0.00**
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	0.00	0.00
061	EDP Hire and other charges	0.00	0.00
062	Printing and stationery	0.00	0.00
063	Miscellaneous expenses	0.00	0.00
064	**Total (D)**	**0.00**	**0.00**
065	**Total (A+B+C+D)**	**0.00**	**0.00**
066	**E. Less: Other Income**	**0.00**	**0.00**
067	Interest from	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	0.00	0.00
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	0.00	0.00
076	**TOTAL (E)**	**0.00**	**0.00**
077	F. Net actuarial gain/loss OCI	0.00	0.00
078		0.00	0.00
079	**GRAND TOTAL (A+B+C+D-E+F)**	**0.00**	**0.00**
080		0.00	0.00
081	*** Balance carried to Capital Work-in-progress - (Note 3)**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	Balance sheet	0.00	0.00
002	Freehold land for which conveyancing of the title is awaiting completion of legal formalities	0.00	0.00
003	(a) area (in acres)	0.00	0.00
004	(b) value (in rs)	0.00	0.00
005	Right-of-use land for which execution of lease deed is awaiting completion of legal formalities	0.00	0.00
006	(a) area (in acres)	0.00	0.00
007	(b) value (in rs)	0.00	0.00
008	Right-of-use land acquired on perpetual lease and accordingly not amortised	0.00	0.00
009	(a) area (in acres)	0.00	0.00
010	(b) value (in rs.)	0.00	0.00
011	Land in physical possesession of the company which has not been shown in the books pending settlement of price (in acres)	0.00	0.00
012	Deposit with government authorities towards land in possession of the company included in cost of land which is subject to adjus	0.00	0.00
013	**Land not in possession of the company**	**0.00**	**0.00**
014	(a) area (in acres)	0.00	0.00
015	-Freehold	76.91	76.91
016	-Right of Use	0.00	0.00
017	(b) value (in rs)	0.00	0.00
018	-Freehold	155,138,848.80	153,472,543.07
019	-Right of Use	0.00	0.00
020	Right-of-use buildings pending completion of legal fomalities - value (in rs.)	0.00	0.00
021	Estimated amount of contracts remaining to be executed on capital account and not provided for	0.00	0.00
022	Property, plant & equipment	1,609,494,138.00	1,741,419,751.00
023	Intangible assets	0.00	0.00
024	Details of precommissioning expenditure	0.00	0.00
025	(a) precommissioning expenses	0.00	0.00
026	(b) precommissioning income	0.00	0.00
027	(c) net precommissioning expenditure	0.00	0.00
028		0.00	0.00
029		0.00	0.00
030		0.00	0.00
031	Exchange rate variation taken to revenue during the year (with -ve sign, if favourable)	-37,608,522.42	-6,643,180.39
045	Exchange rate variation capitalised during the year (with -ve sign, if favourable)	0.00	-2,290,013.00
064	Short Term Leases	0.00	0.00
065	A) Rent	0.00	0.00
066	Company lease accomodation - executives	0.00	0.00
067	Company lease accomodation - directors	0.00	0.00
068	Others	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
069	**Total**	**0.00**	**0.00**
101	Borrowing cost capitalised during the year	135,194,288.37	115,277,343.40
102	Revenue grants recognized during the year	0.00	0.00
103	Revenue expenditure on research and development	0.00	0.00
104	Capital expenditure on research and development.	0.00	965,361.00
105	Expenditure on sustainibility development - capital	0.00	461,068.00
106	Expenditure on csr- capital	0.00	0.00
107	Opening balance - CSR Liability	548,400.00	3,587,503.00
108	Paid/Adjusted during the Year out of Opening above	0.00	-3,039,103.00
109	Amount yet to be paid against Cr Year CSR Exp	1,723,313.90	0.00
110	Closing Balance CSR- Liability (110)	2,271,713.90	548,400.00
111		0.00	0.00
112		0.00	0.00
113		0.00	0.00
114		0.00	0.00
115	Disclosure under msmed act 2006.	0.00	0.00
116	(i) (a) the principal amount remaining unpaid as at year end	177,922,970.30	-167,595,567.14
117	(i) (b) interest due there on remaining unpaid as at Year end	0.00	0.00
118	(ii) the amount of interest paid by the buyer in terms of section 16, along with the amounts of the payment made to the supplier	0.00	0.00
119	(iii) the amount of interest due and payable for the period of delay in making payment(which has been paid but beyond the appoin	0.00	0.00
120	(iv) the amount of interest accrued and remaining unpaid at the end of the year; and	0.00	0.00
121	(v) the amount of further interest remaining due and payable even in the succeeding years, until such date when the interest due	0.00	0.00
122	Amount of inventories recognized as an expense (including fuel)	19,369,167,087.02	14,637,560,756.80
123	Amount of inventories capitalised as overhauling assets out of 122 above	92,730,618.96	47,698,794.46
124	Amount capitalised as edc out of 122 above	0.00	0.00
133	Value of Imported Material Consumed during the Year	0.00	0.00
134		0.00	0.00
135	Contingent liabilities	0.00	0.00
136	A. Claims against the company not acknowledged as debts in respect of :	0.00	0.00
137	(i)Capital works	3,653,939,922.67	3,118,732,405.60
138	(ii)Land compensation cases	105,543,891.00	102,912,153.00
139	(iii)Others by state authorities towards:-	0.00	0.00
140	(a) Water royalty / water charges / nala tax	0.00	0.00
141	(b) Diversion of land / building permission fees	0.00	0.00

	As at	31.03.2022	31.03.2021
142	(c) Other demands by state authorities	0.00	0.00
143	(iv) Others by fuel companies	0.00	0.00
144	(a) Disputes related to grade slippage-third party sampling	545,602,131.97	541,895,590.60
145	(b) Surface transportation charges on coal	15,365,368.00	15,365,368.00
146	(c) Take or pay claim - Gas stations	0.00	0.00
147	(d) Other claims by fuel companies not acknowledged as debt	175,936,517.00	175,936,517.00
149	B.Disputed tax demands	0.00	0.00
150	(i) Income tax	0.00	0.00
151	(ii) Excise duty	0.00	0.00
152	(iii) Sales tax	106,749,500.00	98,788,223.00
153	(iv) Service tax	0.00	0.00
154	(v) Entry tax	35,750,269.00	33,906,708.00
155	C. Others	201,985,077.00	115,585,077.00
156	**Total**	**4,840,872,676.64**	**4,203,122,042.20**
157	D. Possible reimbursement on account of contingent liabilities	0.00	0.00
158	(i) Capital works	0.00	0.00
159	(ii)Land compensation cases	0.00	0.00
160	(iii)Others (by state authorities)	0.00	0.00
161		0.00	0.00
162	(iv) Others by fuel companies	744,203,203.97	733,197,475.60
163	(v) Disputed income tax demand	0.00	0.00
164	(vi) Disputed tax demands -others	0.00	0.00
165	(vii) Others	0.00	7,299,187.00
167	**Total**	**744,203,203.97**	**740,496,662.60**
168	E.AMOUNT PAID UNDER PROTEST/ADJUSTED BY AUTHORITIES - TAX CASES	16,534,962.00	16,534,962.00
169	F.CONTINGENT ASSETS	0.00	0.00
170	Intangible under development : less than 1 year	0.00	0.00
171	Intangible under development #: 1-2 year	0.00	0.00
227	Intangible under development #: 2-3 year	0.00	0.00
277	Intangible under development #: More than 3 years	0.00	0.00
278	**Capital-Work-in Progress (CWIP)**	**0.00**	**0.00**
279	Projects in progress	7,689,093,159.67	6,967,374,720.07
280	Projects temporarily suspended	0.00	0.00
281		0.00	0.00
282		0.00	0.00
283	**Projects in progress**	**0.00**	**0.00**
284	Less than 1 year	899,405,791.16	1,312,282,710.40
285	1-2 years	1,238,876,320.67	3,462,552,427.19
286	2-3 years	3,445,145,343.43	1,545,074,419.24
287	More than 3 years	2,105,665,704.41	647,465,163.24
288	**Sub Total (I)**	**7,689,093,159.67**	**6,967,374,720.07**
289		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
290	**Projects temporarily suspended**	**0.00**	**0.00**
291	Less than 1 year	0.00	0.00
292	1-2 years	0.00	0.00
293	2-3 years	0.00	0.00
294	More than 3 years	0.00	0.00
295	**Sub Total (II)**	**0.00**	**0.00**
296		0.00	0.00
380	Previous year figures have been regrouped/rearranged wherever necessary.	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-B TO THE FS--RPD DISCLOSURE- TRANSACTIONS DURING THE PERIOD **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
001	**1) Transactions during the year- subsidiaries**	**0.00**	**0.00**
002	Purchase of equipment, supply & erection services	0.00	0.00
003	Purchase of spares	0.00	0.00
004	Maintenance services	0.00	0.00
005	Contracts for works/services for services provided by the company	0.00	0.00
006	Deputation of employees	0.00	0.00
007	Sales of goods	0.00	0.00
008	Sales of property and other assets	0.00	0.00
009	**Sub-total**	**0.00**	**0.00**
010		0.00	0.00
011	Dvidend received	0.00	0.00
012	Equity contributions made	0.00	0.00
013	Share application money pending allotment	0.00	0.00
014	Loans granted	0.00	0.00
015	Interest on Loan	0.00	0.00
016	Guarantees received	0.00	0.00
017	Guarantees provided	0.00	0.00
018	**Sub-total**	**0.00**	**0.00**
019		0.00	0.00
020	**Transactions during the year- jvs**	**0.00**	**0.00**
021	Purchase of equipment, supply & erection services	4,832,462.80	0.00
022	Purchase of spares	0.00	0.00
023	Maintenance services	564,855,570.18	592,314,567.45
024	Contracts for works/services for services provided by the company	0.00	0.00
025	Deputation of employees	0.00	0.00
026	Sales of goods	0.00	0.00
027	Sales of property and other assets	0.00	0.00
028	**Sub-total**	**569,688,032.98**	**592,314,567.45**
029		0.00	0.00
030	Dividend received	0.00	0.00
031	Equity contributions made	0.00	0.00
032	Share application money pending allotment	0.00	0.00
033	Loans granted	0.00	0.00
034	Guarantees received	0.00	0.00
035	Guarantees provided	0.00	0.00
036	**Sub-total**	**0.00**	**0.00**
037	**Total**	**569,688,032.98**	**592,314,567.45**
038	**Transactions with post employment benefit plans**	**0.00**	**0.00**
039	Contributions made during the year	0.00	0.00
040	**Compensation to key management personnel**	**0.00**	**0.00**
041	Short term employee benefits	0.00	0.00
042	Post employment benefits	0.00	0.00
043	Other long term benefits	0.00	0.00
044	Termination benefits	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-B TO THE FS--RPD DISCLOSURE- TRANSACTIONS DURING THE PERIOD **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
045	Sitting Fee	0.00	0.00
046	Share based payments	0.00	0.00
047	**Sub-total**	**0.00**	**0.00**
048	**Transactions with the related parties under the control of the same government:**	**0.00**	**0.00**
049	Coal india ltd.. And its subsidiaries- purchase of coal	6,982,154,053.00	3,116,670,004.00
050	Singareni coalfields ltd- purchase of coal	0.00	0.00
051	**Bhel ltd.**	**0.00**	**0.00**
052	Purchase of equipment, supply & erection services	50,124,732.00	391,322,785.42
053	Purchase of spares	66,969,092.76	113,094,268.62
054	Maintenance services	266,223,285.15	666,618,043.83
055	**Sub-total**	**383,317,109.91**	**1,171,035,097.87**
056	Gail (i) ltd. Supply of natural gas	0.00	0.00
057	Iocl supply of oil products	58,660,776.88	46,351,095.17
058	Bpcl-supply of natural gas and oil	400,517,344.10	97,394,137.00
059	Sail-supply of steel and iron products	62,976,578.97	47,593,598.82
060	Other entities	0.00	0.00
061	Purchase of equipments & erection services	54,814,765.21	28,590,683.97
062	Purchase of spares	40,624,729.66	602,642.83
063	Maintenance services	6,554,118.75	5,279,317.17
064		0.00	0.00
065	**Total**	**7,989,619,476.48**	**4,513,516,576.83**
066	**Transaction with other**	**0.00**	**0.00**
067	**Transaction with ntpc education and research society and ntpc foundation**	**0.00**	**0.00**
068	- transactions during the year	0.00	0.00
069	ADDITIONAL TRANSACTIONS WITH RELATED PARTIES FOR PSU	0.00	0.00
070	Additional Transactions with GAIL	0.00	0.00
071	Additional Transactions with subsidiaries	0.00	0.00
072	Additional Transactions with joint ventures	0.00	0.00
073		0.00	0.00
074		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-C TO THE FS--RPD DISCLOSURE- OUTSTANDING BALANCES **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**Outstanding balance**	**0.00**	**0.00**
002	**Amount recoverable towards loans**	**0.00**	**0.00**
003	- From Subsidiaries	0.00	0.00
004	- From JVC	0.00	0.00
005	- From KMP	0.00	0.00
006	- From Others	0.00	0.00
007	Sub-total	0.00	0.00
008	**Amount recoverable other than loan**	**0.00**	**0.00**
009	- from subsidiaries	0.00	0.00
010	- from joint ventures	0.00	0.00
011	- from key managerial personnel	0.00	0.00
012	- from post employment benfit plans	0.00	0.00
013	- from others	0.00	0.00
014	Sub-total	0.00	0.00
015	**Amount payable**	**0.00**	**0.00**
016	- from subsidiaries	65,203,162.00	0.00
017	- from joint ventures	69,629,541.06	58,439,231.31
018	- from key managerial personnel	0.00	0.00
019	- from post employment benfit plans	0.00	0.00
020	- from others	0.00	0.00
021	Sub-total	134,832,703.06	58,439,231.31
022		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 23A TO THE FS-NCL-LEASE BORROWINGS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**Non-current financial liabilities - Lease liabilities**	**0.00**	**0.00**
002	**Lease liabilities**	**0.00**	**0.00**
003	Long term maturities of Finance Lease Liabilities (Secured) IX	0.00	0.00
004	Long term maturities of Finance Lease Liabilites (Unsecured) X	0.00	0.00
005	**Sub-Total**	**0.00**	**0.00**
006	**Less: current maturities of lease liabilities**	**0.00**	**0.00**
007	Finance Lease obligations - secured	0.00	0.00
008	Finance Lease obligations - unsecured	0.00	0.00
009	**Sub-Total**	**0.00**	**0.00**
010	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 29A TO THE FS-CL-LEASE BORROWINGS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	**Current financial liabilities - Lease liabilities**	**0.00**	**0.00**
002	Current maturity of finance lease obligations (secured)	0.00	0.00
003	Current maturity of finance lease obligations (unsecured)	0.00	0.00
004	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

BALANCE SHEET **(Amount in ₹)**

	As at	Note	31.03.2023	31.03.2022
001	**ASSETS**		**0.00**	**0.00**
002			**0.00**	**0.00**
003	**NON-CURRENT ASSETS**		**0.00**	**0.00**
004	PROPERTY, PLANT & EQUIPMENT	2	29,970,460,498.91	26,351,939,413.04
005	CAPITAL-WORK-IN-PROGRESS	3	2,266,457,185.49	7,689,093,159.67
006	INVESTMENT PROPERTY		0.00	0.00
007	INTANGIBLE ASSETS	4	1,173,974,490.43	1,273,736,320.94
008	INTANGIBLE ASSETS UNDER DEVELOPMENT	5	0.00	0.00
009	**FINANCIAL ASSETS**		**0.00**	**0.00**
010	I) EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES	6	0.00	0.00
011	II) OTHER INVESTMENTS	7	0.00	0.00
012	III) TRADE RECEIVABLES	8	0.00	0.00
013	IV) LOANS	9	248,216,702.75	240,824,120.64
014	V) OTHER FINANCIAL ASSETS	10	0.00	0.00
016	OTHER NON-CURRENT ASSETS	11	315,968,908.95	316,583,063.93
017	**TOTAL NON-CURRENT ASSETS**		**33,975,077,786.53**	**35,872,176,078.22**
018			**0.00**	**0.00**
019	**CURRENT ASSETS**		**0.00**	**0.00**
020	INVENTORIES	12	5,206,491,766.29	4,768,465,961.97
021	**FINANCIAL ASSETS**		**0.00**	**0.00**
022	I) OTHER INVESTMENTS	13	0.00	0.00
023	II) TRADE RECEIVABLES	14	0.00	0.00
024	III) CASH AND CASH EQUIVALENTS	15	62,772.00	115,421.00
025	IV) BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS	16	0.00	0.00
026	V) LOANS	17	137,203,785.45	133,409,336.67
027	VI) OTHER FINANCIAL ASSETS	18	808,324,157.80	28,897,666.92
028	CURRENT TAX ASSETS (NET)		0.00	0.00
029			0.00	0.00
030	OTHER CURRENT ASSETS	19	9,932,753,044.46	5,680,195,265.19
031			0.00	0.00
032	**TOTAL CURRENT ASSEETS**		**16,084,835,526.00**	**10,611,083,651.75**
033	ASSETS CLASSIFIED AS HELD FOR SALE		42,471,018.51	1,967,437.07
036	REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES	20	-53,028,686.33	-57,530,653.99
037	**TOTAL ASSETS**		**50,049,355,644.71**	**46,427,696,513.05**
038	**EQUITY AND LIABILITIES**		**0.00**	**0.00**
039	**EQUITY**		**0.00**	**0.00**
040	EQUITY SHARE CAPITAL	21	0.00	0.00
041	OTHER EQUITY	22	144,253,427,821.34	134,164,572,500.25
044	**TOTAL EQUITY**		**144,253,427,821.34**	**134,164,572,500.25**
045			0.00	0.00
046	**LIABILITIES**		**0.00**	**0.00**
047	**NON-CURRENT LIABILITIES**		**0.00**	**0.00**
048	**FINANCIAL LIABILITIES**		**0.00**	**0.00**
049	I) BORROWINGS	23	0.00	0.00

NATIONAL CAPITAL POWER STATION

BALANCE SHEET **(Amount in ₹)**

	As at	Note	31.03.2023	31.03.2022
050	II) LEASE LIABILITIES	23A	0.00	0.00
051	**III) TRADE PAYABLES**		**0.00**	**0.00**
052	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	24	1,864,271.01	6,517,044.67
053	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	24	7,965,928.80	5,038,712.06
054	IV) OTHER FINANCIAL LIABILITIES	25	5,553,390.00	1,572,187.99
055	PROVISIONS	26	0.00	0.00
056	DEFERRED TAX LIABILITIES (NET)	27	0.00	0.00
057	OTHER NON-CURRENT LIABILITIES	28	0.00	0.00
058			**0.00**	**0.00**
059	**TOTAL NON-CURRENT LIABILITIES**		**15,383,589.81**	**13,127,944.72**
060			**0.00**	**0.00**
061	**CURRENT LIABILITIES**		**0.00**	**0.00**
062	**FINANCIAL LIABILITIES**		**0.00**	**0.00**
063	I) BORROWINGS	29	0.00	0.00
064	II) LEASE LIABILITIES	29A	0.00	0.00
065	**II) TRADE PAYABLES**		**0.00**	**0.00**
066	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	30	63,913,228.63	106,761,225.15
067	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	30	10,582,654,953.77	4,300,214,341.89
068	III) OTHER FINANCIAL LIABILITIES	31	2,414,861,809.36	2,625,131,874.85
069	OTHER CURRENT LIABILITIES	32	367,839,462.99	134,985,413.09
070	PROVISIONS	33	56,789,984.09	37,030,944.78
071	CURRENT TAX LIABILITIES (NET)	34	0.00	0.00
072			**0.00**	**0.00**
073	**TOTAL CURRENT LIABILITIES**		**13,486,059,438.84**	**7,204,123,799.76**
074			**0.00**	**0.00**
077	DEFERRED REVENUE	35	91,930,000.00	111,259,000.00
078	REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES	36	0.00	0.00
079	INTER UNIT ACCOUNTS		-107,797,445,205.28	-95,065,386,731.68
080			**0.00**	**0.00**
081	**TOTAL EQUITY AND LIABILITIES**		**50,049,355,644.71**	**46,427,696,513.05**
082	Significant Accounting Policies as per note 1	1	0.00	0.00
083			0.00	0.00
084	The Accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00
085			**0.00**	**0.00**

Shalabh Jain — Digitally signed by Shalabh Jain Date: 2023.04.28 16:05:18 +05'30'
(Auditor Initial & Stamp)

NARENDER KUMAR CHATRATH — Digitally signed by NARENDER KUMAR CHATRATH Date: 2023.04.27 18:10:34 +05'30'
(Head of Finance)

BRAHMAJI RAO GAMPA — Digitally signed by BRAHMAJI RAO GAMPA Date: 2023.04.28 15:57:32 +05'30'
(Head of Unit)

NATIONAL CAPITAL POWER STATION

STATEMENT OF PROFIT AND LOSS **(Amount in ₹)**

	For the Year ended	Note	31.03.2023	31.03.2022
001	**Revenue**		**0.00**	**0.00**
002	Revenue from operations	37	68,293,515,633.14	27,183,036,557.19
003	Other income	38	331,468,825.79	224,522,856.11
005	**Total Income**		**68,624,984,458.93**	**27,407,559,413.30**
007	**Expenses**		**0.00**	**0.00**
008	Fuel including cost of captive coal	38A	50,515,329,086.16	18,774,184,713.56
009	Employee benefits expense	39	2,614,510,079.46	2,434,106,970.84
010	Electricity purchased for trading		0.00	0.00
011	Finance costs	40	708,098,674.43	606,711,150.56
012	Depreciation and amortization expenses	41	2,377,757,666.05	2,946,401,943.76
013			0.00	0.00
014	Other expenses	42	2,497,084,380.36	2,206,882,078.10
015	CC expenses charge to revenue		483,647,620.77	488,276,011.23
016	Less: Unit expenses transferred to CC		422,838,254.75	252,395,976.79
017	**Total expenses**		**58,773,589,252.48**	**27,204,166,891.26**
020	**Profit before exceptional items & tax**		**9,851,395,206.45**	**203,392,522.04**
021	Exceptional items		0.00	0.00
024	**Profit before tax**		**9,851,395,206.45**	**203,392,522.04**
027	**Tax expense:**		**0.00**	**0.00**
028	Current tax		0.00	0.00
031	Deferred tax		0.00	0.00
034			0.00	0.00
035	**Total Tax expense**		**0.00**	**0.00**
036	**Profit for the period before regulatory deferral account balances**		**9,851,395,206.45**	**203,392,522.04**
037	**Movement in regulatory deferral account balances**		**0.00**	**0.00**
038	Regulatory deferred account - deferred		0.00	0.00
039	Others		4,501,967.66	-456,565,503.81
040	Tax impact on Regulatory deferral account balances		0.00	0.00
041	**Movement in Regulatory deferrall account balances (Net of Tax)**		**4,501,967.66**	**-456,565,503.81**
042	**Profit for the period/ year**		**9,855,897,174.11**	**-253,172,981.77**
055	**Other comprehensive income**		**0.00**	**0.00**
056	**(A) Items that will not be reclassified to profit or loss**		**0.00**	**0.00**
057	- Net gains/(losses) on fair value of equity instruments through other comprehensive income		0.00	0.00
058	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
059	- Net acturial gains/(losses) on defined benefit plans		-35,989,442.76	-15,174,235.26
060	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
064			0.00	0.00
065	**Other comprehensive income for the year, net of income tax**		**-35,989,442.76**	**-15,174,235.26**
070			0.00	0.00
071			0.00	0.00
072	**Total Comprehensive Income for the year**		**9,819,907,731.35**	**-268,347,217.03**

NATIONAL CAPITAL POWER STATION

STATEMENT OF PROFIT AND LOSS **(Amount in ₹)**

	For the Year ended	Note	31.03.2023	31.03.2022
086			0.00	0.00
087	**Earnings per equity share:**		**0.00**	**0.00**
088	Basic & Diluted		0.00	0.00
089	Significant Accounting Policies		0.00	0.00
090			0.00	0.00
091	The accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00

Shalabh Jain Digitally signed by Shalabh Jain Date: 2023.04.28 16:05:45 +05'30'

(Auditor Initial & Stamp)

NARENDER KUMAR CHATRATH Digitally signed by NARENDER KUMAR CHATRATH Date: 2023.04.27 18:12:16 +05'30'

(Head of Finance)

BRAHMAJI RAO GAMPA Digitally signed by BRAHMAJI RAO GAMPA Date: 2023.04.28 15:58:23 +05'30'

(Head of Unit)

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2023	Opening Depreciation As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2023	Net Block As At 31.03.2023	Net Block As At 31.03.2022
1 TANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 Land : (including development expenses)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 Freehold	1801457220.36	5869987.95	(42121782.64)	1765205425.67	0.00	0.00	0.00	0.00	1765205425.67	1801457220.36
4 Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5 Submergence	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Right of use - Coal Bearing Area Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7 Roads,bridges, culverts & helipads	361443748.77	4262595.27	0.00	365706344.04	112735063.00	12759243.94	0.00	125494306.94	240212037.10	248708685.77
8 Building :	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Main plant	3155929131.51	1043768899.17	0.00	4199698030.68	887353775.39	159146163.69	0.00	1046499939.08	3153198091.60	2268575356.12
11 Others	795113662.92	333382.66	0.00	795447045.58	256341315.10	26245401.87	0.00	282586716.97	512860328.61	538772347.82
12 Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 Temporary erection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14 Water Supply, drainage & sewerage system	157795039.05	2849735.38	0.00	160644774.43	51376859.97	5797845.97	0.00	57174705.94	103470068.49	106418179.08
15 Hydraulic works, barrages, dams, tunnels and power channel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16 MGR track and signalling system	93189487.30	0.00	0.00	93189487.30	32733328.68	4057092.67	0.00	36790421.35	56399065.95	60456158.62
17 Railway siding	709797802.41	0.00	0.00	709797802.41	336060962.47	31114796.41	0.00	367175758.88	342622043.53	373736839.94
18 Earth dam reservoir	400144447.04	98149289.00	0.00	498293736.04	117962582.98	22020919.79	0.00	139983502.77	358310233.27	282181864.06
19 Plant and machinery(including associated civil works) Owned Asset	38648647316.57	4954798670.55	(327180595.66)	43276265391.46	18358998235.56	2112973052.06	(269403945.10)	20202567342.52	23073698048.94	20289649081.01

112

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2023	Opening Depreciation As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2023	Net Block As At 31.03.2023	Net Block As At 31.03.2022
20 Plant and machinery(including associated civil works) -Right of use Asset	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 Furniture and fixtures	211335806.84	1655908.33	2244257.61	215235972.78	107117646.61	13403070.48	1228962.42	121749679.51	93486293.27	104218160.23
22 Assets under 5 Km Scheme	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 Vehicles including speedboats / helicopter-Owned	1038368.73	0.00	0.00	1038368.73	698350.78	24619.70	0.00	722970.48	315398.25	340017.95
24 Vehicles including speedboats / helicopter - Leased	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Office equipment	121776861.41	2438496.21	1787512.27	126002869.89	69484690.91	7062086.95	1187447.73	77734225.59	48268644.30	52292170.50
26 EDP, WP machines and satcom equipment	80985752.96	12239657.00	330900.37	93556310.33	65594428.74	9678340.75	330900.37	75603669.86	17952640.47	15391324.22
27 Construction equipments	141312452.70	14267390.00	0.00	155579842.70	83540319.05	8871137.97	0.00	92411457.02	63168385.68	57772133.65
28 Electrical Installations	210863746.58	7314762.53	(400706.00)	217777803.11	101807903.05	13896168.77	(180636.02)	115523435.80	102254367.31	109055843.53
29 Communication equipments	29305870.74	1985002.00	620615.44	31911488.18	19469036.23	1226291.68	536987.31	21232315.22	10679172.96	9836834.51
30 Hospital equipments	41399598.32	283278.00	0.00	41682876.32	15649217.77	4814545.92	0.00	20463763.69	21219112.63	25750380.55
31 Laboratory and workshop equipments	9948188.38	0.00	973433.00	10921621.38	2621373.26	542340.09	616767.15	3780480.50	7141140.88	7326815.12
32 Capital expenditure on assets not owned by the Company	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 Assets of Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2023	Opening Depreciation As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2023	Net Block As At 31.03.2023	Net Block As At 31.03.2022
34 Less:Grants from Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35 Less: Recoverable from GOI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36 Assets for ash utilisation	159411285.52	0.00	0.00	159411285.52	0.00	0.00	0.00	0.00	159411285.52	159411285.52
37 (Less):-Adjusted from fly ash utilisation reserve fund	159411285.52	0.00	0.00	159411285.52	0.00	0.00	0.00	0.00	159411285.52	159411285.52
38 Site Restoration Cost	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39 Mining Properties	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total (Tangible)	46971484502.59	6150217054.05	(363746365.61)	52757955191.03	20619545089.55	2433633118.71	(265683516.14)	22787494692.12	29970460498.91	26351939413.04
Grand Total Prev Year (Tangible)	46774963665.35	581855754.89	(385334917.65)	46971484502.59	17954162351.85	3026082796.50	(360700058.80)	20619545089.55	26351939413.04	28820801313.50

714

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1011

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	**Gross Block**		**Depreciation/Amortization**	
	Tangible As At: 31.03.2023	**Tangible As At: 31.03.2022**	**Tangible As At: 31.03.2023**	**Tangible As At: 31.03.2022**
Disposal of assets	(2479299.81)	(4617337.09)	(2428540.54)	(4617337.09)
Retirement of assets	(328897206.71)	(425891059.39)	(270716113.27)	(400097151.48)
Cost adjustments	0.00	0.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	9682269.28	45374173.53	7391483.40	44014429.77
Others	(42052128.37)	(200694.70)	69654.27	0.00
TOTAL	**(363746365.61)**	**(385334917.65)**	**(265683516.14)**	**(360700058.80)**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

715

Note forming part of Balance Sheet
Note 3: Capital-Work-in-Progress
Business Area: NATIONAL CAPITAL POWER STATION

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2022	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2023
	1	2	3	4	5	6
1	CAPITAL WORK-IN-PROGRESS					
2	Development of land					
3	Roads, bridges, culverts & helipads	2438458.28	4686150.65	4265250.85	4265250.85	7124608.93
4	Piling and foundation					
5	Buildings :					
6	Main plant	23199450.41	5487523.20	1019316401.00	1040323240.32	7680134.29
7	Others		333382.66	(333382.66)		
8	Temporary erection					
9	Water supply, drainage and sewerage system		333074.18	1963599.35	2296673.53	
10	Hydraulic works, barrages, dams, tunnels and power channel					
11	MGR track and signalling system	80032990.61		(32990.61)		80000000.00
12	Railway siding					
13	Earth dam reservoir	174354278.71	52467250.97	(98149289.00)		128672240.68
14	Plant and equipment	7295766922.56	569889409.11	(1127461439.26)	4732316887.00	2005878005.41
15	Furniture and fixtures	700291.03		(121800.00)		578491.03
16	Vehicles					
17	Office equipment		649982.55			649983.55
18	EDP/WP machines & satcom equipment					
19	Construction equipments					
20	Electrical installations					
21	Communication equipment					
22	Hospital equipments					
23	Laboratory and workshop equipments					
24	Assets under 5Km Scheme of the GOI					
25	Capital expenditure on assets not owned by the company					
26	Expenditure towards development of coal mines					
27	Survey,Investigation,Consultancy & Supervision Cha					
28	Difference in exchange on foreign currency loans					

Note forming part of Balance Sheet
Note 3: Capital-Work-in-Progress
Business Area: NATIONAL CAPITAL POWER STATION

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2022	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2023
	1	2	3	4	5	6
29	Expenditure towards diversion of forest land					
30	Pre-commissioning expenses (net)					
31	ExpPendAlloca-oth ex attribut Project					
32	Expenditure During Construction Period (net)*		115758077.30			115758077.30
33	LESS : Allocated to related works		115758077.30			115758077.30
34	LESS : Provision for Unservicable works					
35	**Construction stores (At Cost)**					
36	Steel	8106517.51	2114881.37	(3084511.64)		7136887.24
37	Cement	2578307.72	2464484.00	(2095675.17)		2947116.55
38	Others	101915942.84	11272917.16	(87399142.19)		25789717.81
39	**Sub-total**	**112600768.07**	**15852282.53**	**(92579329.00)**		**35873721.60**
40	LESS : Provision for shortages					
41	**Sub-total**	**112600768.07**	**15852282.53**	**(92579329.00)**		**35873721.60**
42	**Total CWIP**	**7689093159.67**	**649699055.85**	**(293132979.33)**	**5779202051.70**	**2266457185.49**
43						
44						
45	**PREVIOUS YEAR TOTAL**	**6967374720.07**	**1262428798.43**	**(254178043.21)**	**166813793.14**	**7689093159.67**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

717

Note forming part of Balance Sheet
Note-4 Non Current Assets- Intangible Assets
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2023	Opening Depreciation As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2023	Net Block As At 31.03.2023	Net Block As At 31.03.2022
INTANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1 Right to Use- Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 -Others	1971860852.66	0.00	0.00	1971860852.66	698585842.37	99864706.68	0.00	798450549.05	1173410303.61	1273275010.29
3 -Software	3044279.83	758774.00	32946.00	3835999.83	2582969.18	655897.83	32946.00	3271813.01	564186.82	461310.65
Grand Total (Intangible)	1974905132.49	758774.00	32946.00	1975696852.49	701168811.55	100520604.51	32946.00	801722362.06	1173974490.43	1273736320.94
Grand Total Prev Year (Intangible)	1974882632.49	22500.00	0.00	1974905132.49	600842524.17	100326287.38	0.00	701168811.55	1273736320.94	1374040108.32

Note forming part of Balance Sheet
Note-4 Non Current Assets- Intangible Assets
Business Area :1011

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	**Gross Block**		**Depreciation/Amortization**	
	InTangible As At: 31.03.2023	**InTangible As At: 31.03.2022**	**InTangible As At: 31.03.2023**	**InTangible As At: 31.03.2022**
Disposal of assets	0.00	0.00	0.00	0.00
Retirement of assets	0.00	0.00	0.00	0.00
Cost adjustments	0.00	0.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	32946.00	0.00	32946.00	0.00
Others	0.00	0.00	0.00	0.00
TOTAL	**32946.00**	**0.00**	**32946.00**	**0.00**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

719

Note forming part of Balance Sheet
Note 5: Intangible Assets under Development
Business Area: NATIONAL CAPITAL POWER STATION

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2022	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2023
	1	2	3	4	5	6
1	INTANGIBLE ASSETS UNDER DEVELOPMENT					
2	Software					
3	Right to use Others					
4	Exploration and Evaluation Expentiture - Coal Mini					
5	Exploratory wells-in-progress					
6	**Less: Provision for exploratory wells-in-progress**					
7	**Total**					
8	**PREVIOUS YEAR TOTAL-I**					

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

720

NATIONAL CAPITAL POWER STATION

NOTE NO. 6 TO THE FS-NCA-EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES (Amount in ₹)

	As at	No. of shares	Face value	31.03.2023	31.03.2022
001	**NON CURRENT INVESTMENTS-INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES**			**0.00**	**0.00**
012	**EQUITY INSTRUMENTS - UNQUOTED-(FULLY PAID UP UNLESS OTHERWISE STATED, AT COST)**			**0.00**	**0.00**
013	**SUBSIDIARY COMPANIES**			**0.00**	**0.00**
014	PATRATU VIDYUT UTPADAN NIGAM LTD.			0.00	0.00
015	NTPC ELECTRIC SUPPLY COMPANY LTD.			0.00	0.00
016	NTPC VIDYUT VYAPAR NIGAM LTD.			0.00	0.00
017	NABINAGAR POWER GENERATING COMPANY LTD.			0.00	0.00
018	KANTI BIJLEE UTPADAN NIGAM LTD.			0.00	0.00
019	BHARTIYA RAIL BIJLEE COMPANY LTD.			0.00	0.00
020	NTPC MINING LTD (NML)			0.00	0.00
021	THDC INDIA LTD.			0.00	0.00
022	NEEPCO LTD.			0.00	0.00
023	NTPC EDMC Waste Solutions Pvt Ltd			0.00	0.00
024	NTPC Renewables Energy Ltd			0.00	0.00
025	Ratnagiri Gas & Power Pvt. Limited (RGPPL)			0.00	0.00
026	NTPC Green Energy Limited			0.00	0.00
027	Green Valley Renewable Energy Limited			0.00	0.00
028				0.00	0.00
029				0.00	0.00
030	**SUB TOTAL**			**0.00**	**0.00**
055	**JOINT VENTURE COMPANIES**			**0.00**	**0.00**
056	Utility Powertech Ltd.			0.00	0.00
057	NTPC GE Power Services Pvt.Ltd.			0.00	0.00
058	NTPC-SAIL Power Company Ltd.			0.00	0.00
059	NTPC-Tamil Nadu Energy Company Ltd.			0.00	0.00

NOTE NO. 6 TO THE FS-NCA-EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES (Amount in ₹)

	As at	No. of shares	Face value	31.03.2023	31.03.2022
060	Ratnagiri Gas & Power Pvt. Limited (RGPPL)			0.00	0.00
061	ARAVALI POWER COMPANY PRIVATE LTD.			0.00	0.00
062	Jhabua Power Ltd.			0.00	0.00
063	NTPC BHEL POWER PROJECTS PRIVATE LTD.			0.00	0.00
064	MEJA URJA NIGAM PRIVATE LIMITED			0.00	0.00
065	BF-NTPC ENERGY SYSTEMS LTD.			0.00	0.00
066				0.00	0.00
067	NABINAGAR POWER GENERATING COMPANY LTD.			0.00	0.00
068	TRANSFORMER AND ELECTRICAL KERALA LTD.			0.00	0.00
069	NATIONAL HIGH POWER TEST LABORTORY PRIVATE LTD.			0.00	0.00
070				0.00	0.00
071	CIL NTPC URJA PRIVATE LTD.			0.00	0.00
072	ANUSHAKTI VIDHYUT NIGAM LTD.			0.00	0.00
073	ENERGY EFFICIENCY SERVICES LTD.			0.00	0.00
074				0.00	0.00
075	TRINCOMALEE POWER COMPANY LTD.			0.00	0.00
076	BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LTD.			0.00	0.00
077	HINDUSTAN URVARAK & RASAYAN LIMITED			0.00	0.00
078	KONKAN LNG LTD			0.00	0.00
081	**SUB TOTAL**			**0.00**	**0.00**
109	AGGREGATE AMOUNT OF IMPAIRMENT IN THE VALUE OF INVESTMENTS			0.00	0.00
110	TOTAL (NET OF IMPAIRMENT) OF JV			0.00	0.00
111	**Gross Total of Investments**			**0.00**	**0.00**
134	**Total**			**0.00**	**0.00**
135	Details of Investments			0.00	0.00
136	Aggregate amount of Unquoted Investments			0.00	0.00

NOTE NO. 6 TO THE FS-NCA-EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES **(Amount in ₹)**

	As at	No. of shares	Face value	31.03.2023	31.03.2022
141				0.00	0.00
142				0.00	0.00
143				0.00	0.00
144				0.00	0.00
145				0.00	0.00
153	Valuation of Investments as per Note 1.			0.00	0.00
154				0.00	0.00
202				0.00	0.00
233				0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 7 TO THE FS-NCA-OTHER INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2023	31.03.2022
001	Non-current financial assets (investments)			0.00	0.00
006	**Long Term - Trade**			**0.00**	**0.00**
007	**Equity Instruments (fully paid up-unless otherwise stated)**			**0.00**	**0.00**
008	**Quoted**			**0.00**	**0.00**
009	**JOINT VENTURE COMPANIES**			**0.00**	**0.00**
010	PTC India Ltd.			0.00	0.00
070	INTERNATIONAL COAL VENTURES PRIVATE LTD.			0.00	0.00
075	BF-NTPC ENERGY SYSTEMS LTD.			0.00	0.00
098	Jhabua Power Limited-8.5% Non convertible debentures - private placement			0.00	0.00
110	COOPERATIVE SOCIETIES			0.00	0.00
111				0.00	0.00
112	**SUB TOTAL**			**0.00**	**0.00**
113	AGGREGATE AMOUNT OF IMPAIRMENT IN THE VALUE OF INVESTMENTS			0.00	0.00
115	**TOTAL**			**0.00**	**0.00**
120				0.00	0.00
146	NTPC EMPLOYEES CONSUMERS AND THRIFT CO-OPERATIVE SOCIETY LTD. KORBA			0.00	0.00
147	NTPC EMPLOYEES CONSUMERS AND THRIFT COOPERATIVE SOCIETY LTD. RSTPP			0.00	0.00
148	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. FARAKKA			0.00	0.00
149	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. VINDHYACHAL			0.00	0.00
150	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. ANTA			0.00	0.00
151	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. KAWAS			0.00	0.00
152	NTPC Employees Consumers Cooperative Society Ltd. Kaniha			0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 8 TO THE FS-NCA-TRADE RECEIVABLES **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	Non-current financial assets - Trade receivables	0.00	0.00
002	UNSECURED, CONSIDERED GOOD	0.00	0.00
003	CREDIT IMPAIRED	0.00	0.00
004		0.00	0.00
006	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 9 TO THE FS-NCA-LOANS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**LOANS (NON CURRENT)**	**0.00**	**0.00**
004	RELATED PARTIES	0.00	0.00
005	SECURED	0.00	0.00
006	UN-SECURED	0.00	0.00
007	WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
008	CREDIT IMPAIRED	0.00	0.00
009		0.00	0.00
010	EMPLOYEES(INCLUDING ACCRUED INTEREST)	0.00	0.00
011	SECURED	183,386,645.58	185,120,149.64
012	UNSECURED	128,780,322.42	122,705,985.41
013	WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
014	CREDIT IMPAIRED	0.00	0.00
015	LESS : EMPLOYEE LOANS DISCOUNTING	0.00	0.00
016	SECURED	42,506,542.68	46,294,068.92
017	UNSECURED	21,443,722.57	20,707,945.49
018	LOAN TO STATE GOVERNMENT IN SETTLEMENT OF DUES FROM CUSTOMERS (UNSECURED)	0.00	0.00
019	OTHERS	0.00	0.00
020	SECURED	0.00	0.00
021	UNSECURED	0.00	0.00
022	WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
023	CREDIT IMPAIRED	0.00	0.00
024	LESS: ALLOWANCE FOR CREDIT IMPAIRED LOANS	0.00	0.00
026	**SUB TOTAL**	**248,216,702.75**	**240,824,120.64**
027		0.00	0.00
028	**TOTAL**	**248,216,702.75**	**240,824,120.64**
029		0.00	0.00
030		0.00	0.00
031	**Due from Directors and Officers of the Company**	**0.00**	**0.00**
032	Directors	0.00	0.00
033	Officers	0.00	0.00
034		**0.00**	**0.00**
035	**Loans to related parties include:**	**0.00**	**0.00**
036	i)Key management personel	0.00	0.00
037	ii)Subsidiary companies	0.00	0.00
038	iii)Joint Venture companies	0.00	0.00
039	iv)Others	0.00	0.00
040		**0.00**	**0.00**
055	Other loans represent loans given to	0.00	0.00
056	a) APIIC	0.00	0.00
061		0.00	0.00
062	RPD	0.00	0.00
063	i)Key management personel	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 9 TO THE FS-NCA-LOANS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
064	ii)Subsidiary companies	0.00	0.00
065	iii)Joint Venture companies	0.00	0.00
066	iv)Others	0.00	0.00
067	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 10 TO THE FS-NCA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**Other Financial Assets (non current)**	**0.00**	**0.00**
002		0.00	0.00
003	**Share application money pending allotment in (Subsidiary Companies) :**	**0.00**	**0.00**
004	NTPC Electric Supply Company Ltd.	0.00	0.00
005	NTPC Vidyut Vyapar Nigam Ltd.	0.00	0.00
006	Nabinagar Power Generating Company Ltd.	0.00	0.00
007	Kanti Bijlee Utpadan Nigam Ltd.	0.00	0.00
008	Bhartiya Rail Bijlee Company Ltd.	0.00	0.00
009	Patratu Vidyut Utpadan Nigam Ltd.	0.00	0.00
010	NTPC Mining Limited	0.00	0.00
011	THDC Ltd.	0.00	0.00
012	NEEPCO Ltd	0.00	0.00
013		0.00	0.00
014	**Total**	**0.00**	**0.00**
015	**Share application money pending allotment (Joint Venture)**	**0.00**	**0.00**
016	Utility Powertech Ltd.	0.00	0.00
017	NTPC GE Power Services Pvt.Ltd.	0.00	0.00
018	NTPC-SAIL Power Company Ltd.	0.00	0.00
019	NTPC-Tamil Nadu Energy Company Ltd.	0.00	0.00
020	Ratnagiri Gas & Power Private Ltd.	0.00	0.00
021	Aravali Power Company Private Ltd.	0.00	0.00
022		0.00	0.00
023	NTPC BHEL Power Projects Private Ltd.	0.00	0.00
024	Meja Urja Nigam Private Limited	0.00	0.00
025	BF-NTPC Energy Systems Ltd.	0.00	0.00
026	Anushakti Vidhyut Nigam Ltd.	0.00	0.00
027	Nabinagar Power Generating Company Ltd.	0.00	0.00
028	Energy Efficiency Services Ltd.	0.00	0.00
029	National High Power Test Labortory Private Ltd.	0.00	0.00
030		0.00	0.00
031	CIL NTPC Urja Private Ltd.	0.00	0.00
032	Trincomalee Power Company Ltd.	0.00	0.00
033	Hindustan Urvarak & Rasayan Limited	0.00	0.00
034	Bangladesh-India Friendship Power Company Private Ltd.	0.00	0.00
035	**Sub Total**	**0.00**	**0.00**
036		0.00	0.00
037	Claims Recoverable	0.00	0.00
038	Finance Lease Recoverable	0.00	0.00
039	Mine Closure Deposit	0.00	0.00
040	Financial Deposit	0.00	0.00
041		0.00	0.00
042	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

(Amount in ₹)

	As at	31.03.2023	31.03.2022
010		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**Other Non-current Assets**	**0.00**	**0.00**
002		**0.00**	**0.00**
003	**CAPITAL ADVANCES**	**0.00**	**0.00**
004	SECURED	0.00	0.00
005	Unsecured	0.00	0.00
006	COVERED BY BANK GUARANTEE	33,730,262.22	138,854,777.86
007	OTHERS	201,607,439.89	113,089,030.51
008	CONSIDERED DOUBTFUL	18,572,609.00	18,594,445.00
009	LESS: ALLOWANCE FOR BAD & DOUBTFUL ADVANCES	18,572,609.00	18,594,445.00
010	**Sub-Total**	**235,337,702.11**	**251,943,808.37**
011		0.00	0.00
012	Advances other than capital advances	0.00	0.00
013	SECURITY DEPOSITS	5,498,200.00	5,498,200.00
019	Advances to Related parties	0.00	0.00
022	**Advances to Contractors & Suppliers**	**0.00**	**0.00**
023	SECURED	0.00	0.00
024	UNSECURED	0.00	0.00
025	CONSIDERED DOUBTFUL	0.00	0.00
026	LESS: ALLOWANCE FOR BAD & DOUBTFUL ADVANCES	0.00	0.00
027	**Sub Total**	**5,498,200.00**	**5,498,200.00**
028	RECEIVABLE FROM MCP ESCROW A/C	0.00	0.00
029	Pre Paid expenses	0.00	0.00
039	ADVANCE TAX & TAX DEDUCTED AT SOURCE	27,045,581.51	5,928,327.71
040	LESS:- PROVISION FOR CURRENT TAX	0.00	0.00
041		0.00	0.00
042	**Sub Total**	**27,045,581.51**	**5,928,327.71**
043	DEFERRED PAYROLL EXPENSES (SECURED)	32,280,347.09	38,245,783.96
044	DEFERRED PAYROLL EXPENSES (UNSECURED)	15,806,078.24	14,965,943.89
045	**Sub Total**	**48,086,425.33**	**53,211,727.85**
046	DEFERRED FOREIGN CURRENCY FLUCTUATION ASSET	1,000.00	1,000.00
049		0.00	0.00
050	**Total**	**315,968,908.95**	**316,583,063.93**
051		0.00	0.00
052		0.00	0.00
062	Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
064		0.00	0.00
065	NTPC GE Power Services Pvt.Ltd.	0.00	0.00
066		0.00	0.00
067	Ratnagiri Gas & Power Private Ltd.	0.00	0.00
068	Aravali Power Company Private Ltd.	0.00	0.00
069	NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
070	NTPC BHEL Power Projects Private Ltd.	0.00	0.00
071	Meja Urja Nigam Private Limited	0.00	0.00
072	Nabinagar Power Generating Company Ltd.	0.00	0.00
073	National High Power Test Labortory Private Ltd.	0.00	0.00
075	CIL NTPC Urja Private Ltd.	0.00	0.00
077		0.00	0.00
078	**Related Party (Adv)**	**0.00**	**0.00**
079	Key Management personel	0.00	0.00
080	Subsidiary companies	0.00	0.00
081	Joint Venture companies	0.00	0.00
082	Contractors	0.00	0.00
083	Others	0.00	0.00
085		0.00	0.00
086	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 12 TO THE FS-CA-INVENTORIES **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**INVENTORIES**	**0.00**	**0.00**
002		**0.00**	**0.00**
003	Coal	2,992,712,989.91	2,574,669,655.05
004	Fuel oil	282,747,188.61	340,350,415.26
005	Naphtha	0.00	0.00
006	Stores and spares	1,396,393,738.73	1,399,331,240.17
007	Chemicals & consumables	158,056,304.36	124,457,413.26
008	Loose tools	5,142,130.42	5,372,629.79
009	Steel Scrap	25,943,594.13	2,313,576.95
010	Others	440,858,962.18	415,412,595.54
011		0.00	0.00
012	**Sub Total**	**5,301,854,908.34**	**4,861,907,526.02**
013	Less: Provision for shortages	6,541,840.75	9,539,688.00
014	Less: Provision for obsolete/ unservicable/dimunition in value of surplus inventory	88,821,301.30	83,901,876.05
016		0.00	0.00
017	**Total**	**5,206,491,766.29**	**4,768,465,961.97**
018	**Inventories include material in transit**	**0.00**	**0.00**
019	Coal	235,980,102.03	87,212,195.00
020	Fuel oil	0.00	0.00
021	Naphtha	0.00	0.00
022	Stores and spares	10,643,730.95	4,985,658.95
023	Chemicals & consumables	2,054,007.62	2,097,835.38
024	Loose tools	0.00	0.00
025	Others	409,916.43	154,728.55
026		**0.00**	**0.00**
028	Inventory items other than steel scrap have been valued considering Note 1.	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 13 TO THE FS-CA-OTHER INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2023	31.03.2022
001	**CURRENT INVESTMENTS**			**0.00**	**0.00**
002	**(Valuation as per Note 1)**			**0.00**	**0.00**
003	Jhabua Power Limited-8.5% Non convertible debentures - private placement			0.00	0.00
033	Investment in Mutual Funds (Details as under)			0.00	0.00
034	SBI-Magnum Insta Cash Fund-DDR			0.00	0.00
035	SBI Premier Liquid Fund Super-IP-DDR			0.00	0.00
036	SBI-SHF Ultra Short Term Fund-IP-DDR			0.00	0.00
037	UTI Money Market- IP-Direct-Growth			0.00	0.00
038	IDBI-Liquid plan- Direct-Growth			0.00	0.00
039	Canara Robeco Liquid Fund Super-IP-DDR			0.00	0.00
040	Canara Robeco Treasury Advantage Fund Super-IP-DDR			0.00	0.00
041	IDBI Liquid Fund-DDR			0.00	0.00
042	SBI Premier Liquid fund-Direct DDR (Ash Fund)			0.00	0.00
043	UTI Liquid CashPlan - IP - DDR (Ash Funds)			0.00	0.00
044	IDBI Liquid Fund - DDR - (Ash Funds)			0.00	0.00
045	Baroda Liquid Fund - Direct - Growth			0.00	0.00
046				0.00	0.00
047	**Sub Total**			**0.00**	**0.00**
048				**0.00**	**0.00**
052	**Unquoted Investments**			**0.00**	**0.00**
054				0.00	0.00
066	**TOTAL**			**0.00**	**0.00**
067				0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 14 TO THE FS-CA-TRADE RECEIVABLES **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**TRADE RECEIVABLES (current)***	**0.00**	**0.00**
002		0.00	0.00
003	Secured,Considered Good	0.00	0.00
004	Unsecured , considered good	0.00	0.00
005	Credit impaired	0.00	0.00
006	Unbilled Revenue	0.00	0.00
007	**Sub-Total**	**0.00**	**0.00**
008	**Total**	**0.00**	**0.00**
009	Less: Allowance for credit impaired receivables	0.00	0.00
010	**Total**	**0.00**	**0.00**
012	Less: Discom Clearing	0.00	0.00
014		0.00	0.00
015	**Grand Total**	**0.00**	**0.00**
016	Other Unsecured	0.00	0.00
017	Long-term trade receivables	0.00	0.00
018	TCS Clearing	0.00	0.00
019	Discom Clearing	0.00	0.00
228	**Trade Receivable**	**0.00**	**0.00**
230	Not due	0.00	0.00
231	Due	0.00	0.00
232	(i) Undisputed Trade receivables # considered good	0.00	0.00
233	(ii) Undisputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
234	(iii) Undisputed Trade Receivables # credit impaired	0.00	0.00
235	(iv) Disputed Trade Receivables#considered good	0.00	0.00
236	(v) Disputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
237	(vi) Disputed Trade Receivables # credit impaired	0.00	0.00
238	Unbilled	0.00	0.00
239	**Total**	**0.00**	**0.00**
240		0.00	0.00
241	**(i) Undisputed Trade receivables # considered good**	**0.00**	**0.00**
242	Less than 6 months	0.00	0.00
243	6 months -1 year	0.00	0.00
244	1-2 years	0.00	0.00
245	2-3 years	0.00	0.00
246	More than 3 years	0.00	0.00
247	**Sub Total (I)**	**0.00**	**0.00**
248	**(ii) Undisputed Trade Receivables # which have significant increase in credit risk**	**0.00**	**0.00**
249	Less than 6 months	0.00	0.00
250	6 months -1 year	0.00	0.00
251	1-2 years	0.00	0.00
252	2-3 years	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 14 TO THE FS-CA-TRADE RECEIVABLES (Amount in ₹)

	As at	31.03.2023	31.03.2022
253	More than 3 years	0.00	0.00
254	**Sub Total (II)**	**0.00**	**0.00**
255	**(iii) Undisputed Trade Receivables -credit impaired**	**0.00**	**0.00**
256	Less than 6 months	0.00	0.00
257	6 months -1 year	0.00	0.00
258	1-2 years	0.00	0.00
259	2-3 years	0.00	0.00
260	More than 3 years	0.00	0.00
261	**Sub Total (III)**	**0.00**	**0.00**
262		0.00	0.00
263	**(iv) Disputed Trade Receivables#considered good**	**0.00**	**0.00**
264	Less than 6 months	0.00	0.00
265	6 months -1 year	0.00	0.00
266	1-2 years	0.00	0.00
267	2-3 years	0.00	0.00
268	More than 3 years	0.00	0.00
269	**Sub Total (IV)**	**0.00**	**0.00**
270	**(v) Disputed Trade Receivables # which have significant increase in credit risk**	**0.00**	**0.00**
271	Less than 6 months	0.00	0.00
272	6 months -1 year	0.00	0.00
273	1-2 years	0.00	0.00
274	2-3 years	0.00	0.00
275	More than 3 years	0.00	0.00
276	**Sub Total (V)**	**0.00**	**0.00**
277	**(vi) Disputed Trade Receivables # credit impaired**	**0.00**	**0.00**
278	Less than 6 months	0.00	0.00
279	6 months -1 year	0.00	0.00
280	1-2 years	0.00	0.00
281	2-3 years	0.00	0.00
282	More than 3 years	0.00	0.00
283	**Sub Total (VI)**	**0.00**	**0.00**
284	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 15 TO THE FS-CA-CASH AND CASH EQUIVALENTS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**CASH & BANK BALANCES**	**0.00**	**0.00**
002	**Cash & Cash Equivalents**	**0.00**	**0.00**
003	Balances with Banks	0.00	0.00
004	Cheques & Drafts on hand	0.00	0.00
005	Cash on hand	0.00	0.00
006	Others (stamps in hand)	62,772.00	115,421.00
007	Bank deposits with original maturity upto three months	0.00	0.00
008	Balances with RBI	0.00	0.00
009		0.00	0.00
011	**Total**	**62,772.00**	**115,421.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 16 TO THE FS-CA-BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**Other Bank Balances**	**0.00**	**0.00**
002	Deposits with original maturity of more than three months but not more than twelve months	0.00	0.00
003	Earmarked balances with banks*	0.00	0.00
004	**SubTotal**	**0.00**	**0.00**
005	Interest accrued on deposits	0.00	0.00
006		0.00	0.00
008	**Total**	**0.00**	**0.00**
009		0.00	0.00
010	**Earmarked balances with banks consist of :**	**0.00**	**0.00**
011	Unpaid dividend account balance	0.00	0.00
012	Towards public deposit repayment reserve	0.00	0.00
013	Towards redemption of bonds due for repayment within one year	0.00	0.00
014	Security with Government/other authorities	0.00	0.00
015	Unpaid refund/interest account balance - Tax free bonds/ Bonus Debentures	0.00	0.00
016	Earmarked for RGGVY/DDUGJY/SAUBHAGYA Fund	0.00	0.00
017	Earmarked for Flyash Utilisation Reserve Fund	0.00	0.00
018	Deposits with original maturity upto three months as per court orders	0.00	0.00
019	Payment Security Scheme of MNRE NSM (NTPC)	0.00	0.00
020	Payment Security Scheme of MNRE NSM (NVVN)	0.00	0.00
021	Enforcement Directorate of Solar Plant(NVVN)	0.00	0.00
022	Bank guarantee Fund of MNRE (NVVN)	0.00	0.00
023	Others	0.00	0.00
024	Margin Money	0.00	0.00
025		0.00	0.00
026		0.00	0.00
027	**Sub-total**	**0.00**	**0.00**
031	**Total**	**0.00**	**0.00**
032		0.00	0.00
033	Bank deposits with original maturity of less than three months- other than earmarked	0.00	0.00
034	Bank deposits with original maturity of more than three months but not more than twelve months- other than earmarked	0.00	0.00
035	Earmarked bank balances (current account)	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 17 TO THE FS-CA-LOANS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**Current financial assets - Loans**	**0.00**	**0.00**
002	**Loans (current)-including interest accrued**	**0.00**	**0.00**
004	**Related Parties**	**0.00**	**0.00**
005	Secured	0.00	0.00
006	Un-Secured	0.00	0.00
007	With significant increase in Credit Risk	0.00	0.00
008	Credit impaired	0.00	0.00
009		**0.00**	**0.00**
010	**Employees**	**0.00**	**0.00**
011	Secured	41,723,301.64	41,671,418.02
012	Unsecured	95,480,483.81	91,737,918.65
013	With significant increase in Credit Risk	0.00	0.00
014	Credit impaired	0.00	0.00
015	Less : Employee Loans Discounting	0.00	0.00
016	**Loan to State Government in settlement of dues from customers (Unsecured)**	**0.00**	**0.00**
017		0.00	0.00
018	**Others**	**0.00**	**0.00**
019	Secured	0.00	0.00
020	Unsecured	0.00	0.00
021	With significant increase in Credit Risk	0.00	0.00
022	Credit impaired	0.00	0.00
023		**0.00**	**0.00**
024	Less: Allowance for credit impaired loans	0.00	0.00
026		0.00	0.00
027	**Total (Loans)**	**137,203,785.45**	**133,409,336.67**
028		**0.00**	**0.00**
029	**Due from Directors and Officers of the Company**	**0.00**	**0.00**
030	Directors	0.00	0.00
031	Officers	0.00	0.00
032		**0.00**	**0.00**
033	**Loans to related parties include:**	**0.00**	**0.00**
034	i)Key management personel	0.00	0.00
035	ii)Subsidiary companies	0.00	0.00
036	KBUNL	0.00	0.00
037	RGPPL	0.00	0.00
038	NVVN	0.00	0.00
039	iii)Joint Venture companies	0.00	0.00
040	iv)others	0.00	0.00
041		0.00	0.00
060	RPD	0.00	0.00
061	i)Key management personel	0.00	0.00
062	ii)Subsidiary companies	0.00	0.00
063	iii)Joint Venture companies	0.00	0.00
064	iv)Others	0.00	0.00
065		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 17 TO THE FS-CA-LOANS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
066	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**Other Financial Assets (current)**	**0.00**	**0.00**
002		0.00	0.00
003	**ADVANCES**	**0.00**	**0.00**
004		**0.00**	**0.00**
005	**Related Parties**	**0.00**	**0.00**
006	Secured	0.00	0.00
007	Un-Secured	-57,713,524.56	-46,683,848.43
008	Considered doubtful	0.00	0.00
009		**0.00**	**0.00**
010	**Employees**	**0.00**	**0.00**
012	Unsecured	6,781,197.90	12,022,309.11
013	Considered Doubtful	0.00	0.00
014		**0.00**	**0.00**
020	**Others**	**0.00**	**0.00**
021	Secured	0.00	0.00
022	Unsecured	0.00	-1,295,537.00
023	Considered Doubtful	0.00	0.00
024		**0.00**	**0.00**
025	Less: Allowance for bad & doubtful advances	0.00	0.00
026		**0.00**	**0.00**
033	**Total (Advances)**	**-50,932,326.66**	**-35,957,076.32**
044		**0.00**	**0.00**
045	**Claims Recoverable**	**0.00**	**0.00**
046	Secured	0.00	0.00
047	Unsecured, considered good	24,907,393.04	3,371,801.00
048	Considered Doubtful	375,353.48	375,353.48
049	Less:- Allowance for doubtful claims	375,353.48	375,353.48
050	Others-Claims Recoverable	0.00	0.00
051		**0.00**	**0.00**
052	Contract Asset- Revenue	810,744,895.38	30,768,328.75
053	Hedging cost recoverable from beneficiaries	0.00	0.00
054	Derivative MTM Asset	0.00	0.00
055	Finance Lease Receivable	0.00	0.00
056	Mine Closure Deposit	0.00	0.00
057	Financial Deposit	0.00	0.00
059	**Other Accrued Income**	**0.00**	**0.00**
060	Secured,Considered Good	0.00	0.00
061	Unsecured , considered good	23,604,196.04	30,714,613.49
062	Credit impaired	0.00	0.00
063		0.00	0.00
064	**Sub-Total**	**23,604,196.04**	**30,714,613.49**
065	Less: Allowance for credit impaired receivables	0.00	0.00
066	**Total**	**23,604,196.04**	**30,714,613.49**
067		0.00	0.00
068	Others*	0.00	0.00
070		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
071	**Total**	**808,324,157.80**	**28,897,666.92**
072	* Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
073	**Advances to related parties include:**	**0.00**	**0.00**
074	i)Key management personel	0.00	0.00
075		0.00	0.00
076	iii)Joint Venture companies	0.00	0.00
077		0.00	0.00
078	v)Others	0.00	0.00
079		**0.00**	**0.00**
080	Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
081	Related Party (Adv)- Employee	0.00	0.00
082	Related Party (Adv)- Subsidiaries	-57,713,524.56	-46,683,848.43
083	Related Party (Adv)- Joint Ventures	0.00	0.00
084		0.00	0.00
085	Related Party (Adv)- Others	0.00	0.00
086		0.00	0.00
099		0.00	0.00
100		0.00	0.00
101	**Total**	**-57,713,524.56**	**-46,683,848.43**

NATIONAL CAPITAL POWER STATION

NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**OTHER CURRENT ASSETS**	**0.00**	**0.00**
002	Security Deposits (Unsecured)	0.00	0.00
003	Deposit with Customs, port trust & others*	16,877,316.00	15,334,493.00
004	**ADVANCES**	**0.00**	**0.00**
005		**0.00**	**0.00**
006	**Related Parties**	**0.00**	**0.00**
007	Secured	0.00	0.00
008	Un-Secured	0.00	0.00
009	Considered doubtful	0.00	0.00
010		**0.00**	**0.00**
011	**Employees(including imprest)**	**0.00**	**0.00**
012	Secured	0.00	0.00
013	Unsecured	20,903,583.00	8,847,242.12
014	Considered Doubtful	0.00	0.00
015		**0.00**	**0.00**
016	**Contractors & Suppliers**	**0.00**	**0.00**
017	Secured	0.00	0.00
018	Unsecured	4,995,057,651.45	1,343,803,017.31
019	Considered Doubtful	0.00	0.00
020		0.00	0.00
021	**Others****	**0.00**	**0.00**
022	Secured	0.00	0.00
023	Unsecured	4,899,459.03	7,602,363.43
024	Considered Doubtful	0.00	0.00
025	Less: Allowance for bad & doubtful advances	0.00	0.00
026	Receivable from MCP Escrow A/c	0.00	0.00
027	Deferred Payroll Expenses (Secured)	4,783,561.38	5,505,785.63
028	Deferred Payroll Expenses (Unsecured)	5,972,773.90	6,492,499.59
029	**Sub-total**	**10,756,335.28**	**11,998,285.22**
030	**Interest accrued on :**	**0.00**	**0.00**
031	Advances to contractors	0.00	0.00
032		**0.00**	**0.00**
033	**Claims Recoverable**	**0.00**	**0.00**
034	Secured	0.00	0.00
035	Unsecured, considered good	4,883,709,943.25	4,291,190,986.63
036	Considered Doubtful	0.00	0.00
037	Less:- Allowance for doubtful claims	0.00	0.00
038		**0.00**	**0.00**
039	Deferred premium on forward exchange contract/ Option Assets	0.00	0.00
041		0.00	0.00
042	Others	548,756.45	1,418,877.48
043		0.00	0.00
045	**Total (Other Current Assets)**	**9,932,753,044.46**	**5,680,195,265.19**
046	**Include Prepaid Expenses	4,832,003.03	7,010,985.43
047	*Includes sales tax/Entry tax/VAT deposited under protest with Sales Tax Authorities	16,534,962.00	16,534,962.00

Locked: 27.04.2023 - 17:36:45

Run on: 27.04.2023 - 17:37:37 Version: 0

NATIONAL CAPITAL POWER STATION

NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
048	*Includes deposited with courts	0.00	0.00
049	*Includes deposited with LIC for annuity payments	0.00	0.00
050	* Includes deposits with WRD / against BG in r/o finance lease	0.00	0.00
051	Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
053	**Advances to related parties include:**	**0.00**	**0.00**
054	i)Key management personel	0.00	0.00
055	ii)Subsidiary companies	0.00	0.00
056	iii)Joint Venture companies	0.00	0.00
057	Contractors	0.00	0.00
058	Others	0.00	0.00
059		0.00	0.00
060	Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
061		**0.00**	**0.00**
062		0.00	0.00
063	Related Party (Adv)- Employee	0.00	0.00
064	Related Party (Adv)- Subsidiaries	0.00	0.00
065	Related Party (Adv)- Joint Venture	0.00	0.00
066		0.00	0.00
067		0.00	0.00
068	**Total**	**0.00**	**0.00**
069		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 20 TO THE FS--REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	On account of Exchange Differences	-53,028,686.33	-57,530,653.99
002	On account of employee benefit exp	0.00	0.00
003	Regulatory deferred account - deferred	0.00	0.00
004	Deferred asset for ash transportation	0.00	0.00
005	Deferred asset for Arbitration Award	0.00	0.00
008		0.00	0.00
009	**Total**	**-53,028,686.33**	**-57,530,653.99**

NATIONAL CAPITAL POWER STATION

NOTE NO. 21 TO THE FS-EQUITY-EQUITY SHARE CAPITAL **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**SHARE CAPITAL**	**0.00**	**0.00**
002	**Equity Share Capital**	**0.00**	**0.00**
003	**Authorised**	**0.00**	**0.00**
004	16,60,00,00,000 equity shares of Rs.10/- each (Previous year 10,000,000,000 equity shares of Rs.10/- each)	0.00	0.00
005	**Issued,Subscribed and fully Paid-up**	**0.00**	**0.00**
006	9,69,66,66,134 equity shares of Rs.10/- (Pv. Year 9,894,557,280 equity shares of Rs.10/- each)	0.00	0.00
007		**0.00**	**0.00**
008	**Total**	**0.00**	**0.00**
009	During FY 2018-19, the company has issued 1,649,092,880 equity shares of Rs.10/- each as fully paid bonus shares	0.00	0.00
010	The holders of the equity shares are entitled to receive dividends as declared from time to time, and are entitled to one vote per share at meetings of the company.	0.00	0.00
011	Details of shareholders holding more than 5% shares in the company	0.00	0.00
012	- President of India	0.00	0.00
013	No. of Shares	0.00	0.00
014	% of holding	0.00	0.00
015	- Life Insurance Corporation of India/ICICI Prudential Mutual Fund	0.00	0.00
016	No. of Shares	0.00	0.00
017	% of holding	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	RESERVE AND SURPLUS	0.00	0.00
002		**0.00**	**0.00**
003	**Capital Reserve**	**0.00**	**0.00**
004	As per last financial statements	0.00	0.00
006	Add : Grants received during the year	0.00	0.00
007	Add: Transfer from Surplus	0.00	0.00
008	Less: Write back during the year/period	0.00	0.00
009	Less: Adjustments during the year/period	0.00	0.00
010	**SUB-TOTAL**	**0.00**	**0.00**
011		0.00	0.00
017		0.00	0.00
018	**SECURITIES PREMIUM ACCOUNT**	**0.00**	**0.00**
019	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
020	ADD: ADDITIONS DURING THE YEAR/PERIOD	0.00	0.00
021	LESS: ADJUSTMENTS DURING THE YEAR/PERIOD	0.00	0.00
022	**SUB-TOTAL**	**0.00**	**0.00**
023	**BONDS REDEMPTION RESERVE**	**0.00**	**0.00**
024	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
025	ADD: TRANSFER FROM SURPLUS	0.00	0.00
026	LESS: TRANSFER TO SURPLUS ON REDEMPTION	0.00	0.00
027	LESS: ADJUSTMENTS DURING THE YEAR/ PERIOD	0.00	0.00
028	**SUB-TOTAL**	**0.00**	**0.00**
029	**CAPITAL REDEMPTION RESERVE**	**0.00**	**0.00**
030	As per last financial statements	0.00	0.00
031	Add: Transfer from Surplus	0.00	0.00
032	Less: Transfer to surplus on redemption	0.00	0.00
033	Less: Adjustments during the year/ period	0.00	0.00
034	**Sub-Total**	**0.00**	**0.00**
035	**Share Application money pending Allotment**	**0.00**	**0.00**
036	As per last financial statements	0.00	0.00
037	Add: Addition during the year	0.00	0.00
038	Less: Utlised for allotment during the year	0.00	0.00
039	Less: Adjustments during the year/ period	0.00	0.00
040	**SUB-TOTAL**	**0.00**	**0.00**
046	**FLY-ASH UTILISATION RESERVE FUND**	**0.00**	**0.00**
047	AS PER LAST FINANCIAL STATEMENTS	3,013,240,763.57	2,528,217,208.93
048	TRANSFERRED TO CC	0.00	0.00
049	ADD:TRANSFER FROM REVENUE FROM OPERATIONS	268,947,589.74	485,023,554.64
050	ADD:TRANSFER FROM OTHER INCOME	0.00	0.00
051	LESS: UTILISED DURING THE YEAR	0.00	0.00
052	TANGIBLE ASSETS	0.00	0.00
053	EMPLOYEE BENEFIT EXPENSES	0.00	0.00
054	GENERATION,ADMN. AND OTHER EXPENSES	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
055	TAX EXPENSES	0.00	0.00
056	**SUB-TOTAL**	**3,282,188,353.31**	**3,013,240,763.57**
057	Self Insurance Reserve	0.00	0.00
058	As per last financial statements	0.00	0.00
059	Add: Addition during the year	0.00	0.00
060	Less: Utlised for allotment during the year	0.00	0.00
061	Less: Adjustments during the year/ period	0.00	0.00
062	SUB-TOTAL	0.00	0.00
063	**SPECIAL ALLOWANCE RESERVE FUND**	**0.00**	**0.00**
064	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
065	ADD: ADDITION DURING THE YEAR	0.00	0.00
066	LESS: UTLISED FOR ALLOTMENT DURING THE YEAR	0.00	0.00
067	LESS: ADJUSTMENTS DURING THE YEAR/ PERIOD	0.00	0.00
068	**SUB-TOTAL**	**0.00**	**0.00**
069	**CORPORATE SOCIAL RESPONSIBILITY (CSR) RESERVE**	**0.00**	**0.00**
070	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
071	ADD : TRANSFER FROM SURPLUS	0.00	0.00
072	LESS:-WRITE BACK DURING THE YEAR	0.00	0.00
073	**SUB-TOTAL**	**0.00**	**0.00**
074	**GENERAL RESERVE**	**0.00**	**0.00**
075	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
076	ADD: TRANSFER FROM SURPLUS	0.00	0.00
077	LESS: TRANSFER TO SURPLUS	0.00	0.00
078	LESS: WRITE BACK DURING THE YEAR /PERIOD	0.00	0.00
079	LESS: ADJUSTMENTS DURING THE YEAR /PERIOD	0.00	0.00
080	**SUB-TOTAL**	**0.00**	**0.00**
081		**0.00**	**0.00**
082	**RETAINED EARNINGS**	**0.00**	**0.00**
083	AS PER LAST FINANCIAL STATEMENTS	131,436,451,477.61	131,689,624,459.38
084	ADD(LESS):-CHANGES IN ACCOUNTING POLICY / PRIOR PERIOD ERRORS	0.00	0.00
085	ADD(LESS):-PROFIT (LOSS) AFTER TAX FOR THE YEAR FROM STATEMENT OF PROFIT & LOSS	9,855,897,174.11	-253,172,981.77
087	ADD: WRITE BACK FROM BOND REDEMPTION RESERVE	0.00	0.00
088	ADD: WRITE BACK FROM CAPITAL RESERVE	0.00	0.00
089	ADD: WRITE BACK FROM FOREIGN PROJECT RESERVE	0.00	0.00
090	ADD: WRITE BACK FROM CSR RESERVE	0.00	0.00
091	ADD: WRITE BACK FROM GENERAL RESERVE	0.00	0.00
093	LESS: TRANSFER TO BONDS REDEMPTION RESERVE	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
094	LESS: TRANSFER TO SPECIAL ALLOWANCE RESERVE FUND	0.00	0.00
095	LESS: TRANSFER TO FOREIGN PROJECT RESERVE	0.00	0.00
096	LESS:TRANSFER TO CAPITAL RESERVE	0.00	0.00
097	LESS:TRANSFER TO CSR RESERVE	0.00	0.00
098	LESS:TRANSFER TO GENERAL RESERVE	0.00	0.00
099	LESS:INTERIM DIVIDEND PAID	0.00	0.00
100	LESS:TAX ON INTERIM DIVIDEND PAID	0.00	0.00
101	LESS:FINAL DIVIDEND PAID	0.00	0.00
102	LESS:TAX ON FINAL DIVIDEND PAID	0.00	0.00
103	LESS: ISSUE OF BONUS DEBENTURE	0.00	0.00
104	LESS: TAX ON ISSUE OF BONUS DEBENTURE	0.00	0.00
105	**SUB-TOTAL**	**141,292,348,651.72**	**131,436,451,477.61**
110		0.00	0.00
111	**REMEASUREMENT OF DEFINED BENEFIT PLANS**	**0.00**	**0.00**
112	AS PER LAST FINANCIAL STATEMENTS	-285,119,740.93	-269,945,505.67
113	ADD/(LESS):- ACTUARIAL GAINS/LOSS THROUGH OCI	-35,989,442.76	-15,174,235.26
114	**SUB-TOTAL**	**-321,109,183.69**	**-285,119,740.93**
115		0.00	0.00
116	**FVTOCI Reserve**	**0.00**	**0.00**
117	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
118	ADD(LESS):-NET GAIN/LOSS OF EQUITY INSTRUMENTS THROUGH OCI	0.00	0.00
119	**Sub-Total**	**0.00**	**0.00**
120		**0.00**	**0.00**
121	**Total Other equity**	**144,253,427,821.34**	**134,164,572,500.25**
122		0.00	0.00
123		0.00	0.00
124		0.00	0.00
125		0.00	0.00
126		0.00	0.00
127		0.00	0.00
128		0.00	0.00

(Amount in ₹)

As at	31.03.2023	31.03.2022

NATIONAL CAPITAL POWER STATION

NOTE NO. 23 TO THE FS-NCL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**LONG TERM BORROWINGS**	**0.00**	**0.00**
002	**Bonds**	**0.00**	**0.00**
003	**Secured**	**0.00**	**0.00**
004	7.37 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3A).	0.00	0.00
005	7.62 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3 B).	0.00	0.00
006	8.61% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2034 (Fifty First Issue C - Private Placement)	0.00	0.00
007	8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3A)	0.00	0.00
008	8.91% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3B)	0.00	0.00
009	7.37% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 14th December 2031 (Sixty Sixth Issue - Private Placement)	0.00	0.00
010	7.49% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 7th November 2031 (Sixty Fourth Issue - Private Placement)	0.00	0.00
011	7.28 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series	0.00	0.00

	As at	31.03.2023	31.03.2022
	2A)		
012	7.53 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series 2 B).	0.00	0.00
013	7.32% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 17 July 2029 (Sixty Ninth Issue - Private Placement)	0.00	0.00
014	8.63% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2029 (Fifty First Issue B - Private Placement)	0.00	0.00
015	8.30% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 15 January 2029 (Sixty Seventh Issue - Private Placement)	0.00	0.00
016	8.48% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2A)	0.00	0.00
017	8.73% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2B)	0.00	0.00
018	7.47% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 16th September 2026 (Sixty Third Issue - Private Placement)	0.00	0.00
019	7.58% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in	0.00	0.00

	As at	31.03.2023	31.03.2022
	full on 23rd August 2026 (Sixty Second Issue - Private Placement)		
020	8.05% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 5th May 2026 (Sixtieth Issue - Private Placement)	0.00	0.00
021	8.19% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 15th December 2025 (Fifty Seventh Issue - Private Placement)	0.00	0.00
022	7.11 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1A).	0.00	0.00
023	7.36 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1 B).	0.00	0.00
024	7.15% Tax free secured non-cumulative non-convertible redeemable bonds - 2015 of Rs. 10,00,000/- each redeemable at par in full on 21st August 2025 (Fifty Fifth Issue - Private Placement)	0.00	0.00
025	9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 22nd September 2024 (53rd Issue - private placement).	0.00	0.00
026	9.34% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 24th March 2024 (Fifty Second Issue - private placement)	0.00	0.00
027	8.19% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 10,00,000/- each redeemable at	0.00	0.00

	As at	31.03.2023	31.03.2022
	par in full on 4th March 2024 (Fifty First Issue A - Private Placement)		
028	8.41% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1A)	0.00	0.00
029	8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1B)	0.00	0.00
030	9.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 4th May 2023 and ending on 4th May 2027 (Forty fourth issue - private placement)VII	0.00	0.00
031	8.48% Secured non-cumulative non-nonvertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 1st May 2023 (Seventeenth issue - private placement)I	0.00	0.00
032	8.80% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th April 2023 (Forty ninth issue -private placement	0.00	0.00
033	8.49% Secured non-cumulative non-convertible redeemable taxable fully paid-up bonus debentures of Rs. 12.50 each redeemable at par in three annual installments of Rs. 2.50, Rs. 5.00 and Rs. 5.00 at the end of 8th year, 9th year and 10th year on 25th March 2023, 25th March 2024 and 25th March 2025 respectively (Fifty Fourth Issue -Bonus Debentures)X - (refer Note 5 d)	0.00	0.00
034	8.73% Secured non-cumulative	0.00	0.00

	As at	31.03.2023	31.03.2022
	non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 07th March 2023 (Forty eighth issue - private placement)		
035	9.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 25th January 2023 and ending on 25th January 2027 (Forty second issue- private placement)III	0.00	0.00
036	8.84% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th October 2022 (Forty seventh issue- private placement)VII	0.00	0.00
037	7.93% Secured non-cumulative non-convertible redeemable taxable bonds of ` 10,00,000/- each redeemable at par in full on 03 May 2022 (68th Issue - Private Placement)	0.00	0.00
038	6.72% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 24th November 2021 (Sixty Fifth Issue - Private Placement)	0.00	0.00
039	8.10% Secured Non-Cumulative Non-Convertible Redeemable Taxable Bonds of Rs. 30,00,000/- each redeemable at par in three equal separately transferable redeemable principal parts (STRPP) at the end of 5th year, 10th year & 15th year on 27th May 2021, 27th May 2026 and 27th May 2031 respectively (Sixty First Issue- Private Placement)	0.00	0.00
040	8.33% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 24th February 2021	0.00	0.00

	As at	31.03.2023	31.03.2022
	(Fifty Ninth Issue - Private Placement).		
042	8.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 19th January 2021 Thirty seventh issue - private placement)III	0.00	0.00
043	8.18% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 31st December 2020 (Fifty Eight Issue - Private Placement).	0.00	0.00
044	8.73 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 31st March 2020 (Thirty third issue- private placement)III	0.00	0.00
045	8.78 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 9th March 2020 (Thirty first issue- private placement)III	0.00	0.00
046	11.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in five equal annual installments commencing from 6th Nov 2019 and ending on 6th Nov 2023 (Twenty seventh issue - private placement)III	0.00	0.00
047	7.89% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 5th May 2019 (Thirtieth issue - private placement)III	0.00	0.00
048	8.65% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th February 2019 (Twenty ninth issue - private placement)III	0.00	0.00
049	7.50% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full	0.00	0.00

	As at	31.03.2023	31.03.2022
	on 12th January 2019 (Nineteenth issue - private placement)II		
050	11% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21st November 2018 (Twenty eighth issue - private placement)III	0.00	0.00
051	9.3473% Secured non-cumulative non-convertible redeemable taxable bonds of ₹15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 20th July 2018 and ending on 20th July 2032 (Forty sixth issue - private placement)VII	0.00	0.00
052	9.4376% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 16th May 2018 and ending on 16th May 2032 (Forty fifth issue - private placement)VII	0.00	0.00
053	8.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 10th April 2018 (Sixteenth issue -private placement)I	0.00	0.00
054	9.2573% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 2nd March 2018 and ending on 2nd March 2032 (Forty third issue - private placement)III	0.00	0.00
055	9.6713% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

	As at	31.03.2023	31.03.2022
	of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 23rd December 2017 and ending on 23rd December 2031 (Forty first issue - private placement)III		
056	9.558% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 29th July 2017 and ending on 29th July 2031(Fourtieth issue-private placement)III	0.00	0.00
057	9.3896% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 9th June 2017 and ending on 9th June 2031(Thirty ninth issue-private placement)III	0.00	0.00
058	9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 22nd March 2017 and ending on 22nd March 2031(Thirty eighth issue-private placement)III	0.00	0.00
059	8.8086% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th	0.00	0.00

	As at	31.03.2023	31.03.2022
	year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th December 2016 and ending on 15th December 2030 (Thirty sixth issue - private placement)III		
060	8.785% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th September 2016 and ending on 15th September 2030 (Thirty fifth issue - private placement)III	0.00	0.00
061	8.71% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 10th June 2016 and ending on 10th June 2030 (Thirty fourth issue - private placement)III	0.00	0.00
062	8.8493% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 25th March 2016 and ending on 25th March 2030 (Thirty second issue - private placement)III	0.00	0.00
063	9.37% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty fifth issue -	0.00	0.00

	As at	31.03.2023	31.03.2022
	private placement)III		
065	9.06% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty sixth issue - private placement)III	0.00	0.00
066	8.6077% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 9th September 2011 and ending on 9th March 2021 (Twenty fourth issue - private placement)IV	0.00	0.00
067	8.3796% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 5th August 2011 and ending on 5th February 2021 (Twenty third issue - private placement)IV	0.00	0.00
068	8.1771% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd July 2011 and ending on 2nd January 2021 (Twenty second issue - private placement)IV	0.00	0.00
069	7.7125% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd August 2010 and ending on 2nd February 2020 (Twenty first issue - private placement)V	0.00	0.00
070	7.552% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

	As at	31.03.2023	31.03.2022
	of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 23rd September 2009 and ending on 23rd March 2019 (Twentieth issue - private placement)VI		
071	9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each with ten equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of the 6th year and in annual installments thereafter upto the end of 15th year respectively from 30th April 2002 (Thirteenth issue - Part B - private placement)VIII	0.00	0.00
072	9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each redeemable at par in ten equal annual installments commencing from the end of 6th year and upto the end of 15th year respectively from 18th April 2002 (Thirteenth issue -Part A - private placement)VIII	0.00	0.00
075		0.00	0.00
076		0.00	0.00
077	**Sub Total**	**0.00**	**0.00**
078	**Unsecured**	**0.00**	**0.00**
079	6.55% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 17 April 2023 (Seventieth Issue - Private Placement)	0.00	0.00
080	6.29% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 11 April 2031 (Seventy First Issue - Private Placement)	0.00	0.00
081	5.45% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 15 October 2025 (Seventy Second Issue - Private Placement)	0.00	0.00
082	6.43% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in	0.00	0.00

	As at	31.03.2023	31.03.2022
	full on 27 January 2031 (Seventy Third Issue - Private Placement)		
083	6.87% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21 April 2036 (Seventy Fourth Issue - Private Placement)	0.00	0.00
084	6.69% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 13 September 2031 (Seventy Fifth Issue - Private Placement)	0.00	0.00
085	6.74% Unsecured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 14 April 2032 (Seventy Sixth Issue - Private Placement)	0.00	0.00
086	5.78% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 29 April 2024 (Seventy Seventh Issue - Private Placement)	0.00	0.00
087	7.44% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 25 August 2032 (Seventy Eighth Issue - Private Placement)	0.00	0.00
088	7.44% Unsecured non-cumulative non-convertible redeemable taxable bonds of ` 10,00,000/- each redeemable at par in full on 15 April 2033 (Seventy Ninth Issue - Private Placement)	0.00	0.00
089		0.00	0.00
090	**Sub-total**	**0.00**	**0.00**
091	**Total**	**0.00**	**0.00**
092	**Foreign Currency Notes-Unsecured**	**0.00**	**0.00**
093	4.50% Fixed Rate Notes Due for repayment on 19th March 2028	0.00	0.00
094	2.75% Fixed rate notes due for repayment on 1st February 2027	0.00	0.00
095	4.25 % Fixed rate notes due for repayment on 26th February 2026	0.00	0.00
096	4.375% Fixed Rate Note due for repayment on 26th November 2024	0.00	0.00
097	4.75 % Fixed Rate Notes due for repayment on 3rd Oct 2022	0.00	0.00
098	7.25 % Fixed green global INR denominated bonds due on 3 May 2022	0.00	0.00
099	7.375 % Fixed green global INR denominated bonds due on 10 August 2021	0.00	0.00
100	5.625% Fixed Rate Notes due for repayment on	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 23 TO THE FS-NCL-BORROWINGS (Amount in ₹)

	As at	31.03.2023	31.03.2022
	14th July 2021		
101	3.75 % Fixed rate notes due for repayment on 03 April 2024	0.00	0.00
102		0.00	0.00
103		0.00	0.00
104		0.00	0.00
105	**Sub Total**	**0.00**	**0.00**
106	**Term Loans**	**0.00**	**0.00**
107	**From Banks**	**0.00**	**0.00**
108	**Secured**	**0.00**	**0.00**
109	Rupee Loans	0.00	0.00
110	**Unsecured**	**0.00**	**0.00**
111	Foreign Currency Loans	0.00	0.00
112	Rupee Loans	0.00	0.00
113	**From Others**	**0.00**	**0.00**
114	**Secured**	**0.00**	**0.00**
115	Rupee Loans	0.00	0.00
116	Foreign Currency loans (guaranteed by GOI)	0.00	0.00
117	**Unsecured**	**0.00**	**0.00**
118	Foreign Currency loans (guaranteed by GOI)	0.00	0.00
119	Other Foreign currency loans	0.00	0.00
121	Rupee Loans	0.00	0.00
122	**Deposits**	**0.00**	**0.00**
123	**Unsecured**	**0.00**	**0.00**
124	Fixed Deposits	0.00	0.00
125	**Others**	**0.00**	**0.00**
126	**Unsecured**	**0.00**	**0.00**
127	Bonds Application Money Pending Allotment	0.00	0.00
128	**Sub-total**	**0.00**	**0.00**
129	**Total**	**0.00**	**0.00**
130	Less:- Interst accrued but not due on secured borrowings	0.00	0.00
131	Less:- Interst accrued but not due on unsecured borrowings	0.00	0.00
132	Less:- Current maturities of long term borrowings	0.00	0.00
133	Bonds-Secured	0.00	0.00
134	Fixed Rate Notes	0.00	0.00
136	Foreign currency loans from Banks- unsecured	0.00	0.00
137	Rupee loans from banks- Secured	0.00	0.00
138	Rupee loans from banks- unsecured	0.00	0.00
139	Rupee Term loan from Others - Secured	0.00	0.00
140	Foreign currency loans from others- unsecured (Guaranteed by GOI)	0.00	0.00
141	Other foreign currency loans from others- unsecured	0.00	0.00
142	Rupee loans from others- unsecured	0.00	0.00
143		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 23 TO THE FS-NCL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
144		0.00	0.00
145		0.00	0.00
146		0.00	0.00
147		0.00	0.00
148		0.00	0.00
149		0.00	0.00
150		0.00	0.00
151		0.00	0.00
201	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 23A TO THE FS-NCL-LEASE BORROWINGS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**Non-current financial liabilities - Lease liabilities**	**0.00**	**0.00**
002	**Lease liabilities**	**0.00**	**0.00**
003	Long term maturities of Finance Lease Liabilities (Secured) IX	0.00	0.00
004	Long term maturities of Finance Lease Liabilites (Unsecured) X	0.00	0.00
005	**Sub-Total**	**0.00**	**0.00**
006	**Less: current maturities of lease liabilities**	**0.00**	**0.00**
007	Finance Lease obligations - secured	0.00	0.00
008	Finance Lease obligations - unsecured	0.00	0.00
009	**Sub-Total**	**0.00**	**0.00**
011	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 24 TO THE FS-NCL-TRADE PAYABLES **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**TRADE PAYABLES(NON CURRENT)**	**0.00**	**0.00**
002	**For Goods and Services**	**0.00**	**0.00**
003	- Micro & Small Enterprises	1,864,271.01	6,517,044.67
004	- Others	7,965,928.80	5,038,712.06
005		0.00	0.00
007	**Total**	**9,830,199.81**	**11,555,756.73**

NATIONAL CAPITAL POWER STATION

NOTE NO. 25 TO THE FS-NCL-OTHER FINANCIAL LIABILITIES **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**OTHER FINANCIAL LIABILITIES (NON-CURRENT)**	**0.00**	**0.00**
002	Payable for Capital Expenditure	0.00	0.00
003	- Micro & Small Enterprises	94,861.03	335,444.50
004	- Others	5,458,528.97	1,236,743.49
005	Others	0.00	0.00
006	Deposits from contractors and others	0.00	0.00
007		0.00	0.00
008		0.00	0.00
010	**Total**	**5,553,390.00**	**1,572,187.99**

NATIONAL CAPITAL POWER STATION

NOTE NO. 26 TO THE FS-NCL-PROVISIONS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**LONG TERM PROVISIONS**	**0.00**	**0.00**
002	**Provision for Employee Benefits**	**0.00**	**0.00**
003	Opening Balance	0.00	0.00
004	Additions/ (adjustments) during the year	0.00	0.00
005	**Closing Balance**	**0.00**	**0.00**
006		0.00	0.00
007	**Others**	**0.00**	**0.00**
008	**i) Mine Closure Provision**	**0.00**	**0.00**
009	Opening Balance	0.00	0.00
010	Additions during the year	0.00	0.00
011	Amounts adjusted during the year	0.00	0.00
012	Amounts reversed during the year	0.00	0.00
013	**Closing Balance**	**0.00**	**0.00**
014		0.00	0.00
015	**ii) Stripping Activity Adjustments**	**0.00**	**0.00**
016	Opening Balance	0.00	0.00
017	Additions during the year	0.00	0.00
018	Amounts adjusted during the year	0.00	0.00
019	Amounts reversed during the year	0.00	0.00
020	**Closing Balance**	**0.00**	**0.00**
021		0.00	0.00
024		0.00	0.00
026	**TOTAL**	**0.00**	**0.00**

NOTE NO. 27 TO THE FS-NCL-DEFERRED TAX LIABILITIES (NET) **(Amount in ₹)**

	As at	Open Balance on 01.04.2022	Addition	Closing Balance on 31.03.2023
001	**DEFERRED TAX LIABILITIES (NET)**			
002	Difference of book depreciation and tax depreciation	0.00	0.00	0.00
003	Less: Deferred tax assets			
004	Provisions & Other disallowances for tax purposes	0.00	0.00	0.00
005	Unabsorbed Depreciation	0.00	0.00	0.00
006	Disallowances u/s 43B of the Income Tax Act, 1961	0.00	0.00	0.00
007	Others	0.00	0.00	0.00
008	Opening Balance	0.00	0.00	0.00
009	Additions during the year	0.00	0.00	0.00
010	Amounts adjusted during the year	0.00	0.00	0.00
011	Amounts reversed during the year	0.00	0.00	0.00
012	Closing Balance	0.00	0.00	0.00
013	MAT credit entitlement	0.00	0.00	0.00
014	**Total**	**0.00**	**0.00**	**0.00**
016		0.00	0.00	0.00
017	**Total**	**0.00**	**0.00**	**0.00**
018	Breakup of deferred tax assets	0.00	0.00	0.00
019	Provision	0.00	0.00	0.00
020	Statutory dues	0.00	0.00	0.00
021	Leave encashment	0.00	0.00	0.00
022	Others	0.00	0.00	0.00
023		0.00	0.00	0.00
024		0.00	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 28 TO THE FS-NCL-OTHER NON-CURRENT LIABILITIES **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	Other Non current Liabilities	0.00	0.00
002	Advances from customers and others	0.00	0.00
003	Deposits from contractors and others	0.00	0.00
004	Grants	0.00	0.00
006		0.00	0.00
007	**TOTAL**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 29 TO THE FS-CL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**Short Term Borrowings**	**0.00**	**0.00**
002	**Loans repayable on demand**	**0.00**	**0.00**
003	**From Banks**	**0.00**	**0.00**
004	**Secured**	**0.00**	**0.00**
005	Cash Credit	0.00	0.00
006	**Unsecured**	**0.00**	**0.00**
007	Cash Credit	0.00	0.00
008	**Other loans-unsecured**	**0.00**	**0.00**
009	Commercial Papers	0.00	0.00
010	Less: Unamortised discount on Commercial Papers	0.00	0.00
011	**Sub-Total**	**0.00**	**0.00**
012	**Current maturity of long term borrowings**	**0.00**	**0.00**
013	Bonds-Secured	0.00	0.00
014	Foreign Currency Fixed Rate Notes	0.00	0.00
015	**From Banks**	**0.00**	**0.00**
016	**Secured**	**0.00**	**0.00**
017	Rupee Term Loan	0.00	0.00
018	Foreign currency loans	0.00	0.00
019	**Unsecured**	**0.00**	**0.00**
020	Foreign currency loans	0.00	0.00
021	Rupee term loans	0.00	0.00
022	**From Others**	**0.00**	**0.00**
023	**Secured**	**0.00**	**0.00**
024	Rupee Term Loan	0.00	0.00
025	**Unsecured**	**0.00**	**0.00**
026	Foreign currency loans (Guaranteed by Government of India)	0.00	0.00
027	Other foreign currency loans	0.00	0.00
028	Rupee term loans	0.00	0.00
029	Fixed deposits	0.00	0.00
031	Sub Total	0.00	0.00
032		0.00	0.00
034	**TOTAL**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 29A TO THE FS-CL-LEASE BORROWINGS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**Current financial liabilities - Lease liabilities**	**0.00**	**0.00**
002	Current maturity of finance lease obligations (secured)	0.00	0.00
003	Current maturity of finance lease obligations (unsecured)	0.00	0.00
005	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 30 TO THE FS-CL-TRADE PAYABLES **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**TRADE PAYABLES**	**0.00**	**0.00**
002	For Goods and Services	0.00	0.00
003	- Micro & Small Enterprises	63,913,228.63	106,761,225.15
004	- Others	10,582,654,953.77	4,300,214,341.89
005		0.00	0.00
007	**Total**	**10,646,568,182.40**	**4,406,975,567.04**
008		0.00	0.00
172	**Trade payable**	**0.00**	**0.00**
173	**MSME**	**0.00**	**0.00**
174	Unbilled	30,131,542.63	62,074,790.32
175	Not due	23,414,186.00	34,714,305.83
176	**Due**	**10,367,500.00**	**9,972,129.00**
177	Disputed	0.00	0.00
178	Undisputed	10,367,500.00	9,972,129.00
179		0.00	0.00
180	**Sub-total (A)**	**63,913,228.63**	**106,761,225.15**
181		0.00	0.00
182	**Others**	**0.00**	**0.00**
183	Unbilled	1,707,843,031.00	273,412,548.53
184	Not due	3,389,689,494.00	1,224,050,402.33
185	**Due**	**5,485,122,429.00**	**2,802,751,391.03**
186	Disputed	0.00	0.00
187	Undisputed	5,485,122,429.00	2,802,751,391.03
188		0.00	0.00
189	**Sub-total (B)**	**10,582,654,954.00**	**4,300,214,341.89**
190		0.00	0.00
191	**Total**	**10,646,568,182.63**	**4,406,975,567.04**
192		0.00	0.00
193	**Ageing**	**0.00**	**0.00**
194	**MSME**	**0.00**	**0.00**
195	**Disputed**	**0.00**	**0.00**
196	Less than 1 year	0.00	0.00
197	1-2 years	0.00	0.00
198	2-3 years	0.00	0.00
199	More than 3 years	0.00	0.00
200	**Sub Total (I)**	**0.00**	**0.00**
201		0.00	0.00
202	**Undisputed**	**0.00**	**0.00**
203	Less than 1 year	10,367,500.00	9,972,129.00
204	1-2 years	0.00	0.00
205	2-3 years	0.00	0.00
206	More than 3 years	0.00	0.00
207	**Sub Total (II)**	**10,367,500.00**	**9,972,129.00**
208		0.00	0.00
209	**Total MSME (III)**	**10,367,500.00**	**9,972,129.00**
210		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 30 TO THE FS-CL-TRADE PAYABLES **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
211	**Others**	**0.00**	**0.00**
212	**Disputed**	**0.00**	**0.00**
213	Less than 1 year	0.00	0.00
214	1-2 years	0.00	0.00
215	2-3 years	0.00	0.00
216	More than 3 years	0.00	0.00
217	**Sub Total (IV)**	**0.00**	**0.00**
218		0.00	0.00
219	**Undisputed**	**0.00**	**0.00**
220	Less than 1 year	4,502,050,383.00	2,764,504,581.62
221	1-2 years	961,892,773.90	25,129,745.88
222	2-3 years	8,581,044.78	2,078,865.70
223	More than 3 years	12,598,227.61	11,038,197.83
224	**Sub Total (V)**	**5,485,122,429.29**	**2,802,751,391.03**
225		0.00	0.00
226	**Total Others (VI)**	**5,485,122,429.29**	**2,802,751,391.03**

NATIONAL CAPITAL POWER STATION

NOTE NO. 31 TO THE FS-CL-OTHER FINANCIAL LIABILITIES **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**OTHER FINANCIAL LIABILITIES (CURRENT)**	**0.00**	**0.00**
020	Interest accrued but not due on Unsecured Short Term Borrowing	0.00	0.00
021	Interest accrued but not due on secured borrowings	0.00	0.00
022	Interest accrued but not due on unsecured borrowings	0.00	0.00
023	Unpaid Dividends*	0.00	0.00
024	Unpaid matured deposits and interest accrued thereon*	0.00	0.00
025	Unpaid matured bonds and interest accrued thereon*	0.00	0.00
026	Unpaid bond refund money-Tax free bonds *	0.00	0.00
027	Book Overdraft	0.00	0.00
028	Payable to Customers	0.00	0.00
029	Liability under forward exchange contact	0.00	0.00
030	Hedging cost payable to beneficiaries	0.00	0.00
031	Derivative MTM Liability	0.00	0.00
032	**Payable for Capital Expenditure**	**0.00**	**0.00**
033	- Micro & Small Enterprises	8,563,296.60	64,309,256.00
034	- Others	1,994,622,701.29	2,288,362,902.79
035	**Others Payables**	**0.00**	**0.00**
036	Deposits from contractors and others	151,404,460.55	139,641,027.00
037	Gratuity Obligations	0.00	0.00
038	Payable to employees	26,739,532.10	12,821,046.67
039	Payable to holding company	0.00	0.00
040	Retention on A/c BG encashment (Solar)	0.00	0.00
041	Payable to Solar Payment Security Account	0.00	0.00
042	Others **	233,531,818.82	119,997,642.39
043	Unspent CSR balance on ongoing Approved CSR projects	0.00	0.00
045		0.00	0.00
046		0.00	0.00
047	**Total**	**2,414,861,809.36**	**2,625,131,874.85**
048	* Represents the amounts which have not been claimed by the investor/holders of the bonds/fixed deposits. Out of the above, no amount is due for payment to Investor Education and Protection Fund.	0.00	0.00
049	** Include Payable to Hospital and other payable.	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 32 TO THE FS-CL-OTHER CURRENT LIABILITIES **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**OTHER CURRENT LIABILITIES**	**0.00**	**0.00**
002	Advances from customers and others	233,392,873.97	28,658,930.14
003	Deferred discount on forward exchange contact	0.00	0.00
004	Tax deducted at source and other statutory dues	134,446,589.02	106,326,482.95
005	Deposits from contractors and others	0.00	0.00
006	Government grants	0.00	0.00
007	Others	0.00	0.00
009		0.00	0.00
010		0.00	0.00
011	**Total**	**367,839,462.99**	**134,985,413.09**

NATIONAL CAPITAL POWER STATION

NOTE NO. 33 TO THE FS-CL-PROVISIONS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**SHORT TERM PROVISIONS**	**0.00**	**0.00**
002	**Provision for Employee Benefits**	**0.00**	**0.00**
003	Opening balance	0.00	0.00
004	Additions/ (adjustments) during the year	0.00	0.00
005	**Closing Balance**	**0.00**	**0.00**
028	**Provisions for Obligations Incidental to Land Acquisition**	**0.00**	**0.00**
029	Opening balance	0.00	0.00
030	Additions during the year	0.00	0.00
031	Amounts paid during the year	0.00	0.00
032	Amounts reversed during the year	0.00	0.00
033	**Closing Balance**	**0.00**	**0.00**
035	**Provision for Tariff Adjustment**	**0.00**	**0.00**
036	Opening balance	0.00	0.00
037	Additions during the year	0.00	0.00
038	Amounts adjusted during the year	0.00	0.00
039	Amounts reversed during the year	0.00	0.00
040	**Closing Balance**	**0.00**	**0.00**
042	**Provision for shortage in Fixed Assets Pending Investigation & Others**	**0.00**	**0.00**
043	Opening balance	0.00	180,517.29
044	Additions during the year	6,310,836.31	0.00
045	Amounts adjusted during the year	0.00	0.00
046	Amounts reversed during the year	0.00	180,517.29
047	**Closing Balance**	**6,310,836.31**	**0.00**
048	**Provision for Arbitration**	**0.00**	**0.00**
049	Opening balance	37,030,944.78	24,958,351.00
050	Additions during the year	13,448,203.00	12,072,593.78
051	Amounts used during the year	0.00	0.00
052	Amounts reversed during the year	0.00	0.00
053	**Closing Balance**	**50,479,147.78**	**37,030,944.78**
054	**Others**	**0.00**	**0.00**
055	Opening balance	0.00	0.00
056	Additions during the year	0.00	0.00
057	Amounts used during the year	0.00	0.00
058	Amounts reversed during the year	0.00	0.00
059	**Closing Balance**	**0.00**	**0.00**
102		0.00	0.00
104	**Total**	**56,789,984.09**	**37,030,944.78**

NATIONAL CAPITAL POWER STATION

NOTE NO. 34 TO THE FS-CL-CURRENT TAX LIABILITIES (NET) **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**Current liabilities - current tax liabilities (net)**	**0.00**	**0.00**
002	Opening balance	0.00	0.00
003	Additions during the year	0.00	0.00
004	Amounts adjusted during the year	0.00	0.00
005	Less: Set off against taxes paid	0.00	0.00
007		0.00	0.00
008	**Closing Balance**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 35 TO THE FS--DEFERRED REVENUE **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**Deferred Revenue**	**0.00**	**0.00**
002	On account of advance against depreciation	0.00	0.00
003	On account of income from foreign currency fluctuation	91,930,000.00	111,259,000.00
004	Government grants	0.00	0.00
007		0.00	0.00
008		0.00	0.00
009	**TOTAL**	**91,930,000.00**	**111,259,000.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 36 TO THE FS--REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	Regulatory deferral account credit balances	0.00	0.00
002	Exchange Differences	0.00	0.00
003		0.00	0.00
005	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 37 TO THE FS--REVENUE FROM OPERATIONS **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
001	**REVENUE FROM OPERATIONS**	**0.00**	**0.00**
002	**Sales**	**0.00**	**0.00**
003	Energy Sales (including Electricity Duty)	68,854,625,569.59	27,348,630,092.12
004	Less : Advance against depreciation deferred (net)	0.00	0.00
005	Add: Revenue recognized out of advance against depreciation	0.00	0.00
006	Add : Exchange fluctuation receivable from customers	0.00	0.00
007	Sale of energy through trading	0.00	0.00
008	Commission (NVVN)	0.00	0.00
009	**Sub total**	**68,854,625,569.59**	**27,348,630,092.12**
010	Less: Rebate to customers	915,723,122.46	230,389,972.42
011	**Energy Sales (Total)**	**67,938,902,447.13**	**27,118,240,119.70**
012	Consultancy, project management and supervision fees	0.00	0.00
013	Lease rentals on assets on Operating lease	0.00	0.00
014	Sale of Captive Coal	0.00	0.00
015	Intra Company Elimination	0.00	0.00
017	**Sub-total**	**0.00**	**0.00**
018	**Total - Sales**	**67,938,902,447.13**	**27,118,240,119.70**
019	Sale of fly ash/ash products	1,154,061,648.88	485,023,554.64
020	Less: Transferred to fly ash utilisation reserve fund	-1,154,061,648.88	-485,023,554.64
021	**Sub-total**	**0.00**	**0.00**
022	**Other Operating Income**	**0.00**	**0.00**
023	Interest from customers	249,104,452.00	2,605,600.00
024	Energy Internally Consumed *	89,594,340.00	62,190,837.49
025	Interest income on Assets under finance lease	0.00	0.00
026	Recognized from deferred revenue - government grant	0.00	0.00
027	Provision written back- Tariff Adjustment	0.00	0.00
028	Income form Trading of ESCerts	15,914,394.01	0.00
029	Income from E-Mobility Business & others	0.00	0.00
030	Others	0.00	0.00
032		0.00	0.00
033		0.00	0.00
034	**Total**	**68,293,515,633.14**	**27,183,036,557.19**
040	* Valued at variable cost of generation and corresponding amount included in power charges (Note No. 42)	0.00	0.00
041	Excise duty on sale of flyash,cenospere & ash products	0.00	0.00
042	Energy sales of principal nature (NVVN)	0.00	0.00
043	Energy sales of agency nature (NVVN)	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 38 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
001	**OTHER INCOME**	**0.00**	**0.00**
002	**Interest from**	**0.00**	**0.00**
004	**Financial assets at amortised cost**	**0.00**	**0.00**
005	Government Securities (8.5% Tax Free Bonds issued by the State Goverments)	0.00	0.00
006	Other Bonds	0.00	0.00
007	Non current Trade Receivable	0.00	0.00
008	Interest from Government of India Securties-Non-Trade	0.00	0.00
009	Less: Amortziation of premium	0.00	0.00
010	**Sub Total**	**0.00**	**0.00**
011	Interest from others	0.00	0.00
012	Loan to State Government in settlement of dues from customers	0.00	0.00
013	Loan to Subsidiary Companies	0.00	0.00
014	Loan to Employees	27,486,400.01	27,525,138.08
015	Deposit with banks	0.00	0.00
016	Foreign Banks	0.00	0.00
017	Interest from Contractors	13,411,733.00	0.00
018	Interest from Income Tax Refunds	0.00	0.00
019	Less : Refundable to Customers	0.00	0.00
020	**Sub Total**	**0.00**	**0.00**
021	Deposits with banks-flyash utilisation reserve fund	0.00	0.00
022	Less: transferred to flyash utilisation reserve fund	0.00	0.00
023	**Sub Total**	**0.00**	**0.00**
024	Deposits with banks- DDUGJY funds	0.00	0.00
025	Interest from Contractors- DDUGJY funds	0.00	0.00
026	Transfer to DDUGJY-Advance from customers	0.00	0.00
027	Sub-total	0.00	0.00
030	Others	-2,867,336.00	2,867,336.00
031	Other investments in Joint venture companies	0.00	0.00
032	**Dividend from**	**0.00**	**0.00**
033	**Longterm investments in**	**0.00**	**0.00**
034	Subsidiaries	0.00	0.00
035	Joint Ventures	0.00	0.00
036	Equity Instruments	0.00	0.00
037	**Current Investments in**	**0.00**	**0.00**
038	Mutual Funds measured at fairvalue through profit or loss	0.00	0.00
039	Current investments in mutual funds-flyash utilisation reserve fund	0.00	0.00
040	Less: transferred to flyash utilisation reserve fund	0.00	0.00
041	Lease Rent # Ash Brick Plant	0.00	0.00
042	Less: transferred to flyash utilisation reserve fund	0.00	0.00
043	Other non-operating income	0.00	0.00
044	Profit on disposal of PPE	25,706.84	54,156.25
045	Profit on redemption of GOI securities	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 38 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
046	Net gain on sale of investments	0.00	0.00
047	Surcharge received from customers	43,301,453.00	88,383,792.00
048	Hire charges for equipment	0.00	0.00
049	Gain on option contract / Discount on F.ExchContract	0.00	0.00
050	Provision written back-others	4,782,386.66	32,722,035.25
051	Fair value gains/(losses) on investments in mutual funds at fair value through profit or loss	0.00	0.00
052	Interest from Solar payment security account	0.00	0.00
053	Less : Transferred to SPSA fund	0.00	0.00
054	Interest on "Retention on A/c BG encashment (Solar)"	0.00	0.00
055	Less : Transferred to "Retention on A/c BG encashment (Solar)"	0.00	0.00
056	Miscellaneous Income	245,348,294.28	73,065,559.53
057	**Total**	**331,488,637.79**	**224,618,017.11**
058	Less:Transferred to Development of Coal Mines-Note 43A	0.00	0.00
059	Less:Transferred to Expenditure during Construction period (net)- Note 43	19,812.00	95,161.00
060	Less: Others	0.00	0.00
061	Less:Transferred to payable to Govt. of Jharkhand	0.00	0.00
063		0.00	0.00
064		0.00	0.00
065	**Total**	**331,468,825.79**	**224,522,856.11**
066		0.00	0.00
067	**Details of Miscellaneous Income**	**0.00**	**0.00**
068	Vehicle Hire Charges.	135,559.60	189,328.80
069	Sale of by products & residuals	0.00	0.00
070	Township recoveries(exl. Hospital Recoveries).	215,620,350.73	31,097,658.04
071	Depreciation written back	0.00	0.00
072	Sale of Scrap.	99,543,580.24	18,729,806.92
073	Receipt under loss of profit policy.	0.00	0.00
074	Receipts under MBD/Fire Policy.	1,275,557.00	13,196,689.00
075	Management development programme.	395,200.00	0.00
076	Management Fee - Misc (NVVN)	0.00	0.00
077	Others	-71,621,953.29	9,852,076.77
078		0.00	0.00
079	**Total (Miscellaneous Income)**	**245,348,294.28**	**73,065,559.53**
080		0.00	0.00
081	**Details of Provision written back others**	**0.00**	**0.00**
082	Doubtful debts	0.00	0.00
083	Doubtful Loans, Advances and Claims	0.00	0.00
084	Doubtful Construction Advances	0.00	0.00
085	Shortage in Construction Stores	0.00	0.00
086	Shortage in Stores	3,448,784.00	32,541,517.96
087	Obsolescence in Stores	1,333,602.66	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 38 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
088	Unserviceable capital works	0.00	0.00
089	Other Obligation including Arbitration	0.00	0.00
090	Shortage in Fixed Assets	0.00	180,517.29
091	Diminution in value of Investment	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 38A TO THE FS--FUEL COST **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
001	**FUEL COST**	**0.00**	**0.00**
002	Coal	0.00	0.00
003	Captive	0.00	0.00
004	Other than captive	49,712,301,666.05	18,476,872,765.23
005	Gas	0.00	0.00
006	Naptha	0.00	0.00
007	Oil	342,310,189.65	253,410,680.21
008	Biomass Pellets & Others	460,717,230.46	43,901,268.12
009		0.00	0.00
010	**Total**	**50,515,329,086.16**	**18,774,184,713.56**
011		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 39 TO THE FS--EMPLOYEE BENEFITS EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
001	**EMPLOYEE BENEFITS EXPENSE**	**0.00**	**0.00**
002	Salaries and wages	2,159,930,461.32	1,959,565,058.45
003	Contribution to provident and other funds	298,176,218.29	273,181,245.57
004	Unwinding of deferred payroll expense	16,638,680.47	16,281,342.99
005	Staff welfare expenses	326,602,754.71	316,442,347.74
006	Less : Expenses transferred to Consultancy group	0.00	0.00
007		0.00	0.00
008	**Sub Total**	**2,801,348,114.79**	**2,565,469,994.75**
009	Less: Employee benefits expense allocated to fuel inventory	131,331,307.66	108,758,781.16
010	Less: Transferred/Allocated to development of coal mines	0.00	0.00
011	Less: Others	0.00	0.00
012	Less: Transferred to fly ash utilisation reserve fund	0.00	0.00
013	Less: Transferred to CSR Expenses	0.00	0.00
014	Reimbursements for employees on secondment	0.00	136,824.00
015	Less: Transferred to expenditure during construction period (net)- Note 43	55,506,727.67	22,467,418.75
016	Less: Transfer to Govt of Jharkhand A/c as recoverable	0.00	0.00
018		0.00	0.00
019	**TOTAL**	**2,614,510,079.46**	**2,434,106,970.84**
020	**Managerial Remuneration paid/ payable to Directors included above (except for Directors fee which is included in Note 42)**	**0.00**	**0.00**
021	Salaries and wages	0.00	0.00
022	Contribution to provident and other funds	0.00	0.00
023	Staff welfare expenses	0.00	0.00
024	Directors fee	0.00	0.00
025		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 40 TO THE FS--FINANCE COSTS **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
001	**FINANCE COSTS**	**0.00**	**0.00**
002	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
003	Bonds	516,362,242.00	550,902,066.72
004	Government of India Loans	0.00	0.00
005	Foreign currency term loans	13,203,175.33	8,174,738.48
006	Rupee term loans	231,754,051.00	175,838,536.00
007	Public deposits	0.00	0.00
008	Foreign currency bonds/notes	0.00	0.00
009	Cash Credit	0.00	0.00
010	Unwinding of discount on account of vendor liabilities	1,953,893.81	1,271,042.71
011	Commercial Papers	0.00	0.00
012	**Sub Total**	**763,273,362.14**	**736,186,383.91**
013	Interest on non financial items	-617.08	4,649,020.62
014	**Other Borrowing Costs**	**0.00**	**0.00**
015	Bonds servicing & public deposit exp.	636,162.03	547,763.41
016	Guarantee fee	0.00	0.00
017	Management fee	0.00	0.00
018	Committ charges/exposure premium	-87,157.68	522,270.99
019	Bond issue expenses	0.00	0.00
020	Legal exp on foreign currency loans	0.00	0.00
021	Foreign currency bonds/notes exp.	0.00	0.00
022	Up-front fee	0.00	0.00
023	Insurance premium on foreign currency loans	0.00	0.00
024		0.00	0.00
025	Others	0.00	0.00
026	**Sub Total (Other Borrowing cost)**	**548,387.27**	**5,719,055.02**
027		0.00	0.00
028	**Exchange differences regarded as an adjustment to borrowing costs**	**2,623,963.63**	**0.00**
029	**Sub Total**	**766,445,713.04**	**741,905,438.93**
030	Less: Transferred to Expenditure during construction period (net) - Note 43	58,347,038.61	135,194,288.37
031	Less: Transferred to development of coal mines-Note 43A	0.00	0.00
032		0.00	0.00
034	**Total**	**708,098,674.43**	**606,711,150.56**

NATIONAL CAPITAL POWER STATION

NOTE NO. 41 TO THE FS--DEPRECIATION AND AMORTIZATION EXPENSES **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
001	**Depreciation and amortization expenses**	**0.00**	**0.00**
002	On property, plant and equipment- Note 2	2,433,633,118.71	3,026,082,796.50
003	On investment property	0.00	0.00
004	On intangible assets- Note 4	100,520,604.51	100,326,287.38
005		0.00	0.00
006	Sub-total	2,534,153,723.22	3,126,409,083.88
007	Less:	0.00	0.00
008	Allocated to fuel inventory	137,067,057.17	160,679,140.12
009	Transferred to Expenditure during Construction Period (net)- Note 43	0.00	0.00
010		0.00	0.00
011	Transferred/Allocated to development of coal mines	0.00	0.00
012	Adjustment with deferred revenue from deferred foreign currency fluctuation	19,329,000.00	19,328,000.00
013		0.00	0.00
015	**Total**	**2,377,757,666.05**	**2,946,401,943.76**

NATIONAL CAPITAL POWER STATION

NOTE NO. 42 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
001	**OTHER EXPENSES**	**0.00**	**0.00**
002	Power charges	79,643,618.54	54,480,661.36
003	Less: Recovered from contractors & employees	17,318,876.79	18,684,039.94
004	**Sub-Total(Power Charges)**	**62,324,741.75**	**35,796,621.42**
005	Water charges	34,641,905.13	14,061,686.60
006	Stores consumed	33,497,513.21	50,861,765.59
007	Rent	0.00	0.00
008	Less:Recoveries	0.00	0.00
009	**Sub-Total (Rent)**	**0.00**	**0.00**
010	Cost of captive coal produced	373,886.58	0.00
011	**Repairs & maintenance**	**0.00**	**0.00**
012	Buildings	57,343,840.92	63,376,823.67
013	Plant & machinery	0.00	0.00
014	Power stations	1,473,269,150.14	1,086,687,615.38
015	Construction equipment	0.00	95,559.63
016	Others	102,832,986.16	94,238,367.64
017	**Sub-total (Repairs & maintenance)**	**1,633,445,977.22**	**1,244,398,366.32**
019	Load Dispatch Center Charges	8,015,656.00	15,428,355.00
021	Insurance	103,543,118.40	69,945,754.06
022	Interest to beneficiaries	152,353,639.00	227,184,657.00
023	Rates and taxes	5,936,869.38	6,822,345.36
024	Water cess & environment protection cess	0.00	0.00
025	Training & recruitment expenses	8,171,483.21	9,700,242.86
026	Less: Receipts	0.00	0.00
027	**Sub-total (Training and recruitment expenses)**	**8,171,483.21**	**9,700,242.86**
028	Communication expenses	21,426,949.99	19,535,820.64
029	Inland Travel	87,390,371.66	79,450,894.86
030	Foreign Travel	237,842.94	0.00
031	Tender expenses	0.00	0.00
032	Less: Receipt from sale of tenders	9,000.00	4,500.00
033	**Sub-total (Tender expenses)**	**-9,000.00**	**-4,500.00**
034	Payment to auditors	0.00	0.00
035	Audit fee	0.00	0.00
036	Tax audit fee	0.00	0.00
037	Other services	0.00	0.00
038	Reimbursement of expenses	3,914.00	0.00
039	**Sub-total (Payment to Auditors)**	**3,914.00**	**0.00**
040	Advertisement and publicity	619,819.46	1,360,278.82
041	Electricity duty	0.00	0.00
042	Security expenses	306,956,221.29	303,152,968.75
043	Entertainment expenses	23,521,571.22	21,072,149.25
044	Expenses for guest house	18,875,101.23	18,728,040.79
045	Less:Recoveries	3,693,703.30	2,066,601.00
046	**Sub-Total (Guest house expenses)**	**15,181,397.93**	**16,661,439.79**
047	Education expenses	54,003,750.40	49,949,526.42
049	Donations	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 42 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
050	Ash utilisation & marketing expenses	37,865,471.45	45,406,421.73
051	Directors sitting fee	0.00	0.00
053	Professional charges and consultancy fees	2,400,984.88	4,622,397.30
054	Legal expenses	11,181,391.52	10,696,820.38
055	EDP hire and other charges	28,582,411.43	14,726,744.55
056	Printing and stationery	1,986,275.93	488,574.90
057	Oil & gas exploration expenses	0.00	0.00
059	Hiring of vehicles	16,583,852.71	12,639,084.01
061	Reimbursement of L.C.charges on sales realisation	0.00	0.00
062	LOSS ON FAIR VALUATION OF NON- CURRENT TRADE RECEIVABLE AT AMORTISED COST	0.00	0.00
063	Cost of Hedging	0.00	0.00
064	Derivatives MTM loss/gain (Net)	0.00	0.00
065	Net loss/(gain) in foreign currency transactions & translations	50,572,301.22	-37,608,522.42
066	Transport Vehicle running expenses	15,616,664.97	11,108,628.46
067	Horticulture Expenses	16,916,135.98	14,812,504.22
068	Hire charges- helicopter/aircraft.	0.00	0.00
069	Hire charges of construction equipment	0.00	0.00
070	Demurrage Charges	0.00	0.00
072		0.00	0.00
073	Miscellaneous expenses	18,572,641.42	18,783,454.80
074	Loss on disposal/write-off of PPE	39,232,419.90	10,022,374.33
075	**Sub-Total**	**2,791,148,180.18**	**2,271,076,855.00**
076	Less: Other expenses allocated to fuel inventory	254,833,327.02	192,416,395.74
077	Less: Transferred/Allocated to development of coal mines	0.00	0.00
078	Less: Transferred to fly ash utilisation reserve fund	37,865,471.45	45,409,279.59
079	Less: Hedging cost Net recoverable/payable from/to beneficiaries	0.00	0.00
080	Less: Others	0.00	0.00
081	Less: Transferred to CSR Expenses	0.00	51,742,614.00
082	Less:Transferred to Expenditure during Construction period(net)-Note 43	1,995,602.70	2,007,132.62
083	Less: Transfer to Govt of Jharkhand A/c as recoverable	0.00	0.00
084	**Net (Generation, Administration and Other expenses)**	**2,496,453,779.01**	**1,979,501,433.05**
085	Corporate Social Responsibility Expenses	63,542,662.28	107,718,984.26
086	Less: Grants-in-aid	0.00	0.00
087	**Sub-total (Corporate Social Responsibility Expenses)**	**63,542,662.28**	**107,718,984.26**
088	**Provisions**	**0.00**	**0.00**
089	Doubtful Debts	0.00	0.00
090	Doubtful loans, advances and claims	0.00	0.00
091	Doubtful Construction Advances	0.00	0.00
092	Shortage in stores	628,622.75	3,678,192.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 42 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
093	Obsolete/Dimunition in the value of surplus stores	6,253,028.01	24,615,124.01
094	Shortage in construction stores	0.00	0.00
095	Dimunition in value of long term investments	0.00	0.00
096	Shortage in Fixed assets	6,310,836.31	0.00
097	Unfinished minimum work progress from oil & gas exploration	0.00	0.00
098	Unserviceable capital works	0.00	0.00
099	Tariff Adjustment	-89,552,751.00	79,295,751.00
100	Others :	0.00	0.00
101	(i) Provision for arbitration cases	13,448,203.00	12,072,593.78
102	(ii) Other provisions	0.00	0.00
103	**Total (Provisions)**	**-62,912,060.93**	**119,661,660.79**
104		0.00	0.00
106	**Total**	**2,497,084,380.36**	**2,206,882,078.10**
107		0.00	0.00
108	**Breakup of miscellaneous expenses.**	**0.00**	**0.00**
110	Hire charges of office equipment	1,360.00	0.00
112	Operating expenses of construction equipment	0.00	0.00
113	Operating expenses of D.G. sets	662,707.98	726,867.25
114	Furnishing expenses	272,283.42	457,808.57
115	Subscription to trade and other associations.	0.00	0.00
117	Visa and entry permit charges	0.00	0.00
118	Tree plantation exp.-NTPC Land	0.00	0.00
119	Research & development expenses .	0.00	0.00
120	Less : Grants received for Research & develoment expenses.	0.00	0.00
121	Sub-total (Research & development expenses)	0.00	0.00
122	Bank charges	162,096.28	7,644.60
123	Business Development Expenditure	0.00	0.00
124	Surcharge (NVVN)	0.00	0.00
125	Power Trading Expenses	317,462.00	4,099,819.00
126	Brokerage & commission	4,002,599.16	1,706,149.45
130	Books and periodicals	38,247.51	7,211.40
131	Claims/advances written off	0.00	0.00
132	Stores written off	0.00	0.00
133	Survey &Investigation expenses written off	2,324,296.03	0.00
134	Others	10,791,589.04	11,777,954.53
135	**Total**	**18,572,641.42**	**18,783,454.80**
136		0.00	0.00
137		0.00	0.00
138		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 43 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET) **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
001	**EXPENDITURE DURING CONSTRUCTION PERIOD (NET)**	**0.00**	**0.00**
002	A. Employee benefits expense	0.00	0.00
003	Salaries and wages	42,209,878.56	18,773,722.90
004	Contribution to provident and other funds	3,698,102.97	2,343,195.19
005	Unwinding of deffered payroll expenses	0.00	0.00
006	Staff welfare expenses	9,598,746.14	1,350,500.66
007	**Total (A)**	**55,506,727.67**	**22,467,418.75**
008	**B. Finance Costs**	**0.00**	**0.00**
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	27,564,760.24	65,212,058.64
011	Foreign currency term loans	7,013,546.41	5,827,230.73
012	Rupee term loans	22,565,734.84	64,154,999.00
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	0.00	0.00
015	Others	0.00	0.00
016		0.00	0.00
017	Other Borrowings Costs	0.00	0.00
018	Guarantee Commission	0.00	0.00
019	Management Fees/Arrangers Fees	0.00	0.00
020	Commitment charges/Exposure Premium	47,903.00	0.00
021	Legal Expenses on foreign currency loans	0.00	0.00
022	Foreign currency bonds/notes expenses	0.00	0.00
023	Foreign Credit Insurance Premium	0.00	0.00
024	Upfront Fee	0.00	0.00
025	Exchange Differences	0.00	0.00
026	Others	761,499.58	0.00
027	Exchange differences regarded as adjustment to interest cost	393,594.54	0.00
028	**Total (B)**	**58,347,038.61**	**135,194,288.37**
029		0.00	0.00
030	C. Depreciation and amortisation	0.00	0.00
031	**D. Generation , administration and other expenses**	**0.00**	**0.00**
032	Power charges	0.00	211,954.00
033	Less: Recovered from contractors & employees	24,685.00	91,636.00
034	**Sub-total(Net power charges)**	**-24,685.00**	**120,318.00**
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	0.00	112,754.72
039	Construction equipment	0.00	0.00
040	Others	0.00	0.00
041		0.00	0.00
042	Insurance	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 43 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET) **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
043	Rates and taxes	0.00	0.00
044	Communication expenses	383,187.20	294,998.00
045	Travelling expenses	1,238,737.55	668,070.25
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	**Sub-total (Net tender expenses)**	**0.00**	**0.00**
049	Advertisement and publicity	0.00	0.00
050	Security expenses	0.00	0.00
051	Entertainment expenses	120,257.90	78,830.00
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	**Sub-total (Net Guest House Expenses)**	**0.00**	**0.00**
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	0.00	0.00
061	EDP Hire and other charges	169,680.96	94,700.26
062	Printing and stationery	0.00	23,708.00
063	Miscellaneous expenses	108,424.09	613,753.39
064	**Total (D)**	**1,995,602.70**	**2,007,132.62**
065	**Total (A+B+C+D)**	**115,849,368.98**	**159,668,839.74**
066	**E. Less: Other Income**	**0.00**	**0.00**
067	Interest from	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	0.00	0.00
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	19,812.00	95,161.00
076	**TOTAL (E)**	**19,812.00**	**95,161.00**
077	F. Net actuarial gain/loss OCI	-71,479.68	90,293.26
078		0.00	0.00
079	**GRAND TOTAL (A+B+C+D-E+F)**	**115,758,077.30**	**159,663,972.00**
080		0.00	0.00
081	*** Balance carried to Capital Work-in-progress - (Note 3)**	**115,758,077.30**	**159,663,972.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 43A TO THE FS--EDC- COAL MINING **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
001	**EDC- Coal Mining**	**0.00**	**0.00**
002	A. Employee benefits expense	0.00	0.00
003	Salaries and wages	0.00	0.00
004	Contribution to provident and other funds	0.00	0.00
005	Unwinding of deffered payroll expenses	0.00	0.00
006	Staff welfare expenses	0.00	0.00
007	**Total (A)**	**0.00**	**0.00**
008	**B. Finance Costs**	**0.00**	**0.00**
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	0.00	0.00
011	Foreign currency term loans	0.00	0.00
012	Rupee term loans	0.00	0.00
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	0.00	0.00
015	Others	0.00	0.00
016		0.00	0.00
017	Other Borrowings Costs	0.00	0.00
018	Guarantee Commission	0.00	0.00
019	Management Fees/Arrangers Fees	0.00	0.00
020	Commitment charges/Exposure Premium	0.00	0.00
021	Legal Expenses on foreign currency loans	0.00	0.00
022	Foreign currency bonds/notes expenses	0.00	0.00
023	Foreign Credit Insurance Premium	0.00	0.00
024	Upfront Fee	0.00	0.00
025	Exchange Differences	0.00	0.00
026	Others	0.00	0.00
027	Exchange differences regarded as adjustment to interest cost	0.00	0.00
028	**Total (B)**	**0.00**	**0.00**
029		0.00	0.00
030	C. Depreciation and amortisation	0.00	0.00
031	**D. Generation , administration and other expenses**	**0.00**	**0.00**
032	Power charges	0.00	0.00
033	Less: Recovered from contractors & employees	0.00	0.00
034	**Sub-total(Net power charges)**	**0.00**	**0.00**
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	0.00	0.00
039	Construction equipment	0.00	0.00
040	Others	0.00	0.00
041	Cost of Captive Coal	0.00	0.00
042	Insurance	0.00	0.00
043	Rates and taxes	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 43A TO THE FS--EDC- COAL MINING **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
044	Communication expenses	0.00	0.00
045	Travelling expenses	0.00	0.00
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	**Sub-total (Net tender expenses)**	**0.00**	**0.00**
049	Advertisement and publicity	0.00	0.00
050	Security expenses	0.00	0.00
051	Entertainment expenses	0.00	0.00
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	**Sub-total (Net Guest House Expenses)**	**0.00**	**0.00**
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	0.00	0.00
061	EDP Hire and other charges	0.00	0.00
062	Printing and stationery	0.00	0.00
063	Miscellaneous expenses	0.00	0.00
064	**Total (D)**	**0.00**	**0.00**
065	**Total (A+B+C+D)**	**0.00**	**0.00**
066	**E. Less: Other Income**	**0.00**	**0.00**
067	Interest from	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	0.00	0.00
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	0.00	0.00
076	**TOTAL (E)**	**0.00**	**0.00**
077	F. Net actuarial gain/loss OCI	0.00	0.00
078		0.00	0.00
079	**GRAND TOTAL (A+B+C+D-E+F)**	**0.00**	**0.00**
080		0.00	0.00
081	*** Balance carried to Capital Work-in-progress - (Note 3)**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	Balance sheet	0.00	0.00
002	Freehold land for which conveyancing of the title is awaiting completion of legal formalities	0.00	0.00
003	(a) area (in acres)	0.00	0.00
004	(b) value (in rs)	0.00	0.00
005	Right-of-use land for which execution of lease deed is awaiting completion of legal formalities	0.00	0.00
006	(a) area (in acres)	0.00	0.00
007	(b) value (in rs)	0.00	0.00
008	Right-of-use land acquired on perpetual lease and accordingly not amortised	0.00	0.00
009	(a) area (in acres)	0.00	0.00
010	(b) value (in rs.)	0.00	0.00
011	Land in physical possesession of the company which has not been shown in the books pending settlement of price (in acres)	0.00	0.00
012	Deposit with government authorities towards land in possession of the company included in cost of land which is subject to adjus	0.00	0.00
013	**Land not in possession of the company**	**0.00**	**0.00**
014	(a) area (in acres)	0.00	0.00
015	-Freehold	0.71	76.91
016	-Right of Use	0.00	0.00
017	(b) value (in rs)	0.00	0.00
018	-Freehold	1,458,014.90	155,138,848.80
019	-Right of Use	0.00	0.00
020	Right-of-use buildings pending completion of legal fomalities - value (in rs.)	0.00	0.00
021	Estimated amount of contracts remaining to be executed on capital account and not provided for	0.00	0.00
022	Property, plant & equipment	1,650,748,065.00	1,609,494,138.00
023	Intangible assets	0.00	0.00
024	Details of precommissioning expenditure	0.00	0.00
025	(a) precommissioning expenses	0.00	0.00
026	(b) precommissioning income	0.00	0.00
027	(c) net precommissioning expenditure	0.00	0.00
028		0.00	0.00
029		0.00	0.00
030		0.00	0.00
031	Exchange rate variation taken to revenue during the year (with -ve sign, if favourable)	50,572,301.22	-37,608,522.42
045	Exchange rate variation capitalised during the year (with -ve sign, if favourable)	393,594.54	0.00
064	Short Term Leases	0.00	0.00
065	A) Rent	0.00	0.00
066	Company lease accomodation - executives	0.00	0.00
067	Company lease accomodation - directors	0.00	0.00
068	Others	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
069	**Total**	**0.00**	**0.00**
101	Borrowing cost capitalised during the year	58,347,038.61	135,194,288.37
102	Revenue grants recognized during the year	0.00	0.00
103	Revenue expenditure on research and development	48,838,286.37	0.00
104	Capital expenditure on research and development.	6,723,446.00	0.00
105	Expenditure on sustainibility development - capital	0.00	0.00
106	Expenditure on csr- capital	0.00	0.00
107	Opening balance - CSR Liability	0.00	548,400.00
108	Paid/Adjusted during the Year out of Opening above	0.00	0.00
109	Amount yet to be paid against Cr Year CSR Exp	10,156,310.00	-1,723,313.90
110	Closing Balance CSR- Liability (110)	10,156,310.00	-2,271,713.90
111		0.00	0.00
112		0.00	0.00
113		0.00	0.00
114		0.00	0.00
115	Disclosure under msmed act 2006.	0.00	0.00
116	(i) (a) the principal amount remaining unpaid as at year end	74,435,657.27	177,922,970.30
117	(i) (b) interest due there on remaining unpaid as at Year end	0.00	0.00
118	(ii) the amount of interest paid by the buyer in terms of section 16, along with the amounts of the payment made to the supplier	0.00	0.00
119	(iii) the amount of interest due and payable for the period of delay in making payment(which has been paid but beyond the appoin	0.00	0.00
120	(iv) the amount of interest accrued and remaining unpaid at the end of the year; and	0.00	0.00
121	(v) the amount of further interest remaining due and payable even in the succeeding years, until such date when the interest due	0.00	0.00
122	Amount of inventories recognized as an expense (including fuel)	50,738,359,778.29	19,369,167,087.02
123	Amount of inventories capitalised as overhauling assets out of 122 above	96,602,593.37	92,730,618.96
124	Amount capitalised as edc out of 122 above	0.00	0.00
133	Value of Imported Material Consumed during the Year	0.00	0.00
134		0.00	0.00
135	Contingent liabilities	0.00	0.00
136	A. Claims against the company not acknowledged as debts in respect of :	0.00	0.00
137	(i)Capital works	3,603,486,245.00	3,653,939,922.67
138	(ii)Land compensation cases	104,631,838.10	105,543,891.00
139	(iii)Others by state authorities towards:-	0.00	0.00
140	(a) Water royalty / water charges / nala tax	0.00	0.00
141	(b) Diversion of land / building permission fees	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
142	(c) Other demands by state authorities	0.00	0.00
143	(iv) Others by fuel companies	0.00	0.00
144	(a) Disputes related to grade slippage-third party sampling	595,732,986.80	545,602,131.97
145	(b) Surface transportation charges on coal	15,365,368.00	15,365,368.00
146	(c) Take or pay claim - Gas stations	0.00	0.00
147	(d) Other claims by fuel companies not acknowledged as debt	175,936,517.00	175,936,517.00
149	B.Disputed tax demands	0.00	0.00
150	(i) Income tax	0.00	0.00
151	(ii) Excise duty	0.00	0.00
152	(iii) Sales tax	140,305,671.00	106,749,500.00
153	(iv) Service tax/GST	23,999,462.40	0.00
154	(v) Entry tax	39,062,569.00	35,750,269.00
155	C. Others	0.00	201,985,077.00
156	**Total**	**4,698,520,657.30**	**4,840,872,676.64**
157	D. Possible reimbursement on account of contingent liabilities	0.00	0.00
158	(i) Capital works	0.00	0.00
159	(ii)Land compensation cases	0.00	0.00
160	(iii)Others (by state authorities)	0.00	0.00
161		0.00	0.00
162	(iv) Others by fuel companies	787,034,871.80	736,904,016.97
163	(v) Disputed income tax demand	0.00	0.00
164	(vi) Disputed tax demands -others	23,999,462.40	0.00
165	(vii) Others	7,299,187.00	7,299,187.00
167	**Total**	**818,333,521.20**	**744,203,203.97**
168	E.AMOUNT PAID UNDER PROTEST/ADJUSTED BY AUTHORITIES - TAX CASES	0.00	16,534,962.00
169	F.CONTINGENT ASSETS	0.00	0.00
170	Intangible under development : less than 1 year	0.00	0.00
171	Intangible under development #: 1-2 year	0.00	0.00
227	Intangible under development #: 2-3 year	0.00	0.00
277	Intangible under development #: More than 3 years	0.00	0.00
278	**Capital-Work-in Progress (CWIP)**	**0.00**	**0.00**
279	Projects in progress	2,266,457,185.49	7,689,093,159.67
280	Projects temporarily suspended	0.00	0.00
281		0.00	0.00
282		0.00	0.00
283	**Projects in progress**	**0.00**	**0.00**
284	Less than 1 year	210,951,701.06	899,405,791.16
285	1-2 years	641,695,740.42	1,238,876,320.67
286	2-3 years	622,012,214.85	3,445,145,343.43
287	More than 3 years	791,797,529.16	2,105,665,704.41
288	**Sub Total (I)**	**2,266,457,185.49**	**7,689,093,159.67**
289		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
290	**Projects temporarily suspended**	**0.00**	**0.00**
291	Less than 1 year	0.00	0.00
292	1-2 years	0.00	0.00
293	2-3 years	0.00	0.00
294	More than 3 years	0.00	0.00
295	**Sub Total (II)**	**0.00**	**0.00**
296		0.00	0.00
380	Previous year figures have been regrouped/rearranged wherever necessary.	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-B TO THE FS--RPD DISCLOSURE- TRANSACTIONS DURING THE PERIOD **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
001	**1) Transactions during the year- subsidiaries**	**0.00**	**0.00**
002	Purchase of equipment, supply & erection services	14,633,981.00	0.00
003	Purchase of spares	0.00	0.00
004	Maintenance services	0.00	0.00
005	Contracts for works/services for services provided by the company	0.00	0.00
006	Deputation of employees	0.00	0.00
007	Sales of goods	0.00	0.00
008	Sales of property and other assets	0.00	0.00
009	**Sub-total**	**14,633,981.00**	**0.00**
010		0.00	0.00
011	Dvidend received	0.00	0.00
012	Equity contributions made	0.00	0.00
013	Share application money pending allotment	0.00	0.00
014	Loans granted	0.00	0.00
015	Interest on Loan	0.00	0.00
016	Guarantees received	0.00	0.00
017	Guarantees provided	0.00	0.00
018	**Sub-total**	**0.00**	**0.00**
019		0.00	0.00
020	**Transactions during the year- jvs**	**0.00**	**0.00**
021	Purchase of equipment, supply & erection services	7,025,986.72	4,832,462.80
022	Purchase of spares	0.00	0.00
023	Maintenance services	615,353,734.57	564,855,570.18
024	Contracts for works/services for services provided by the company	-2,767,373.00	0.00
025	Deputation of employees	0.00	0.00
026	Sales of goods	0.00	0.00
027	Sales of property and other assets	0.00	0.00
028	**Sub-total**	**619,612,348.29**	**569,688,032.98**
029	Dividend received	0.00	0.00
030	Equity contributions made	0.00	0.00
031	Share application money pending allotment	0.00	0.00
032	Loans granted	0.00	0.00
033	Guarantees received	0.00	0.00
034	Interest on Loan	0.00	0.00
035	Guarantees provided	0.00	0.00
036	**Sub-total**	**0.00**	**0.00**
037	**Total**	**634,246,329.29**	**569,688,032.98**
038	**Transactions with post employment benefit plans**	**0.00**	**0.00**
039	Contributions made during the year	0.00	0.00
040	**Compensation to key management personnel**	**0.00**	**0.00**
041	Short term employee benefits	0.00	0.00
042	Post employment benefits	0.00	0.00
043	Other long term benefits	0.00	0.00
044	Termination benefits	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-B TO THE FS--RPD DISCLOSURE- TRANSACTIONS DURING THE PERIOD **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
045	Sitting Fee	0.00	0.00
046	Share based payments	0.00	0.00
047	**Sub-total**	**0.00**	**0.00**
048	**Transactions with the related parties under the control of the same government:**	**0.00**	**0.00**
049	Coal india ltd.. And its subsidiaries- purchase of coal	7,989,694,373.30	6,982,154,053.00
050	Singareni coalfields ltd- purchase of coal	235,487,189.61	0.00
051	**Bhel ltd.**	**0.00**	**0.00**
052	Purchase of equipment, supply & erection services	286,722.00	50,124,732.00
053	Purchase of spares	123,999,395.76	66,969,092.76
054	Maintenance services	262,012,122.86	266,223,285.15
055	**Sub-total**	**386,298,240.62**	**383,317,109.91**
056	Gail (i) ltd. Supply of natural gas	0.00	0.00
057	Iocl supply of oil products	336,501,667.69	58,660,776.88
058	Bpcl-supply of natural gas and oil	0.00	400,517,344.10
059	Sail-supply of steel and iron products	62,597,384.01	62,976,578.97
060	Other entities	0.00	0.00
061	Purchase of equipments & erection services	96,782,527.39	54,814,765.21
062	Purchase of spares	11,107,938.72	40,624,729.66
063	Maintenance services	15,098,635.46	6,554,118.75
064		0.00	0.00
065	**Total**	**9,133,567,956.80**	**7,989,619,476.48**
066	**Transaction with other**	**0.00**	**0.00**
067	**Transaction with ntpc education and research society and ntpc foundation**	**0.00**	**0.00**
068	- transactions during the year	24,137,780.01	0.00
069	ADDITIONAL TRANSACTIONS WITH RELATED PARTIES FOR PSU	0.00	0.00
070	Additional Transactions with GAIL	0.00	0.00
071	Additional Transactions with subsidiaries	0.00	0.00
072	Additional Transactions with joint ventures	0.00	0.00
073		0.00	0.00
074		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44-C TO THE FS--RPD DISCLOSURE- OUTSTANDING BALANCES **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	**Outstanding balance**	**0.00**	**0.00**
002	**Amount recoverable towards loans**	**0.00**	**0.00**
003	- From Subsidiaries	0.00	0.00
004	- From JVC	0.00	0.00
005	- From KMP	0.00	0.00
006	- From Others	0.00	0.00
007	Sub-total	0.00	0.00
008	**Amount recoverable other than loan**	**0.00**	**0.00**
009	- from subsidiaries	0.00	0.00
010	- from joint ventures	4,382,392.00	0.00
011	- from key managerial personnel	0.00	0.00
012	- from post employment benfit plans	0.00	0.00
013	- from others	0.00	0.00
014	Sub-total	4,382,392.00	0.00
015	**Amount payable**	**0.00**	**0.00**
016	- from subsidiaries	0.00	65,203,162.00
017	- from joint ventures	81,896,073.32	69,629,541.06
018	- from key managerial personnel	0.00	0.00
019	- from post employment benfit plans	0.00	0.00
020	- from others	0.00	0.00
021	Sub-total	81,896,073.32	134,832,703.06
022		0.00	0.00

NATIONAL CAPITAL POWER STATION

BALANCE SHEET **(Amount in ₹)**

	As at	Note	31.03.2024	31.03.2023
001	**ASSETS**		**0.00**	**0.00**
002			**0.00**	**0.00**
003	**NON-CURRENT ASSETS**		**0.00**	**0.00**
004	PROPERTY, PLANT & EQUIPMENT	2	30,112,024,665.85	29,970,460,498.91
005	CAPITAL-WORK-IN-PROGRESS	3	1,483,532,038.91	2,266,457,185.49
006	INVESTMENT PROPERTY	4	0.00	0.00
007	INTANGIBLE ASSETS	5	1,073,849,359.06	1,173,974,490.43
008	INTANGIBLE ASSETS UNDER DEVELOPMENT	6	0.00	0.00
009	**FINANCIAL ASSETS**		**0.00**	**0.00**
010	I) EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES	7	0.00	0.00
011	II) OTHER INVESTMENTS	8	0.00	0.00
012	III) LOANS	9	286,137,563.98	248,216,702.75
013	IV) TRADE RECEIVABLES	10	0.00	0.00
014	V) OTHER FINANCIAL ASSETS	11	0.00	0.00
016	OTHER NON-CURRENT ASSETS	12	371,580,861.73	315,968,908.95
017	**TOTAL NON-CURRENT ASSETS**		**33,327,124,489.53**	**33,975,077,786.53**
018			**0.00**	**0.00**
019	**CURRENT ASSETS**		**0.00**	**0.00**
020	INVENTORIES	13	7,586,088,950.46	5,206,491,766.29
021	**FINANCIAL ASSETS**		**0.00**	**0.00**
022	I) OTHER INVESTMENTS	14	0.00	0.00
023	II) TRADE RECEIVABLES	15	1,025,410.11	0.00
024	III) CASH AND CASH EQUIVALENTS	16	0.00	62,772.00
025	IV) BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS	17	0.00	0.00
026	V) LOANS	18	138,139,207.38	137,203,785.45
027	VI) OTHER FINANCIAL ASSETS	19	1,061,369,903.55	808,324,157.80
028	CURRENT TAX ASSETS (NET)		0.00	0.00
029			0.00	0.00
030	OTHER CURRENT ASSETS	20	7,424,389,292.41	9,932,753,044.46
031			0.00	0.00
032	**TOTAL CURRENT ASSEETS**		**16,211,012,763.91**	**16,084,835,526.00**
033	ASSETS HELD FOR SALE	21	2,024,419.37	42,471,018.51
036	REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES	22	-170,319,764.72	-53,028,686.33
037	**TOTAL ASSETS**		**49,369,841,908.09**	**50,049,355,644.71**
038	**EQUITY AND LIABILITIES**		**0.00**	**0.00**
039	**EQUITY**		**0.00**	**0.00**
040	EQUITY SHARE CAPITAL	23	0.00	0.00
041	OTHER EQUITY	24	151,095,332,011.10	141,959,526,175.34
044	**TOTAL EQUITY**		**151,095,332,011.10**	**141,959,526,175.34**
045			0.00	0.00
046	**LIABILITIES**		**0.00**	**0.00**
047	**NON-CURRENT LIABILITIES**		**0.00**	**0.00**
048	**FINANCIAL LIABILITIES**		**0.00**	**0.00**
049	I) BORROWINGS	25	0.00	0.00

NATIONAL CAPITAL POWER STATION

BALANCE SHEET **(Amount in ₹)**

	As at	Note	31.03.2024	31.03.2023
050	II) LEASE LIABILITIES	26	0.00	0.00
051	**III) TRADE PAYABLES**		**0.00**	**0.00**
052	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	27	0.00	0.00
053	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	27	0.00	0.00
054	IV) OTHER FINANCIAL LIABILITIES	28	16,676,546.91	15,383,589.81
055	PROVISIONS	29	0.00	0.00
056	DEFERRED TAX LIABILITIES (NET)	30	0.00	0.00
057	OTHER NON-CURRENT LIABILITIES	31	0.00	0.00
058			**0.00**	**0.00**
059	**TOTAL NON-CURRENT LIABILITIES**		**16,676,546.91**	**15,383,589.81**
060			**0.00**	**0.00**
061	**CURRENT LIABILITIES**		**0.00**	**0.00**
062	**FINANCIAL LIABILITIES**		**0.00**	**0.00**
063	I) BORROWINGS	32	0.00	0.00
064	II) LEASE LIABILITIES	33	0.00	0.00
065	**III) TRADE PAYABLES**		**0.00**	**0.00**
066	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	34	233,394,365.95	50,913,186.01
067	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	34	3,869,248,126.44	7,182,551,316.27
068	III) OTHER FINANCIAL LIABILITIES	35	3,468,679,838.22	5,827,965,489.48
069	OTHER CURRENT LIABILITIES	36	468,728,804.77	367,839,462.99
070	PROVISIONS	37	24,456,772.14	56,789,984.09
071	CURRENT TAX LIABILITIES (NET)	38	0.00	0.00
072			**0.00**	**0.00**
073	**TOTAL CURRENT LIABILITIES**		**8,064,507,907.52**	**13,486,059,438.84**
074			**0.00**	**0.00**
077	DEFERRED REVENUE	39	85,880,000.00	91,930,000.00
078	REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES	39A	0.00	0.00
079	INTER UNIT ACCOUNTS		-109,892,554,557.44	-105,503,543,559.28
080			**0.00**	**0.00**
081	**TOTAL EQUITY AND LIABILITIES**		**49,369,841,908.09**	**50,049,355,644.71**
082	Material Accounting Policies as per note 1	1	0.00	0.00
083			0.00	0.00
084	The Accompanying notes 1 to 48A form an integral part of these financial statements.		0.00	0.00
085			**0.00**	**0.00**

MUKESH DADHICH Digitally signed by MUKESH DADHICH Date: 2024.05.01 14:47:51 +05'30'

(Auditor Initial & Stamp)

VENKATESWAR BOMPADA Digitally signed by VENKATESWAR BOMPADA Date: 2024.04.28 11:12:06 +05'30'

(Head of Finance)

BRAHMAJI RAO GAMPA Digitally signed by BRAHMAJI RAO GAMPA Date: 2024.04.29 17:48:52 +05'30'

(Head of Unit)

NATIONAL CAPITAL POWER STATION

STATEMENT OF PROFIT AND LOSS **(Amount in ₹)**

	For the Year ended	Note	31.03.2024	31.03.2023
001	**Revenue**		**0.00**	**0.00**
002	Revenue from operations	40	61,180,759,814.37	66,015,668,987.14
003	Other income	41	475,079,147.91	331,468,825.79
005	**Total Income**		**61,655,838,962.28**	**66,347,137,812.93**
007	**Expenses**		**0.00**	**0.00**
008	Fuel including cost of captive coal	42	45,614,041,608.80	50,515,329,086.16
009	Employee benefits expense	43	2,968,101,161.02	2,614,510,079.46
010	Electricity purchased for trading		0.00	0.00
011	Finance costs	44	692,559,384.13	708,098,674.43
012	Depreciation, amortization and impairment expenses	45	1,932,931,345.35	2,377,757,666.05
013			0.00	0.00
014	Other expenses	46	2,397,938,688.47	2,513,139,380.36
015	CC expenses charge to revenue		460,050,550.83	483,647,620.77
016	Less: Unit expenses transferred to CC		464,533,088.77	422,838,254.75
017	**Total expenses**		**53,601,089,649.83**	**58,789,644,252.48**
020	**Profit before exceptional items & tax**		**8,054,749,312.45**	**7,557,493,560.45**
021	Exceptional items		0.00	0.00
024	**Profit before tax**		**8,054,749,312.45**	**7,557,493,560.45**
027	**Tax expense:**		**0.00**	**0.00**
028	Current tax		0.00	0.00
031	Deferred tax		0.00	0.00
034			0.00	0.00
035	**Total Tax expense**		**0.00**	**0.00**
036	**Profit for the period before regulatory deferral account balances**		**8,054,749,312.45**	**7,557,493,560.45**
037	**Movement in regulatory deferral account balances**		**0.00**	**0.00**
038	Regulatory deferred account - deferred		0.00	0.00
039	Others		-117,291,078.39	4,501,967.66
040	Tax impact on regulatory deferral account balances		0.00	0.00
041	**Net movement in regulatory deferral account balances (net of tax)**		**-117,291,078.39**	**4,501,967.66**
042	**Profit for the period/ year**		**7,937,458,234.06**	**7,561,995,528.11**
055	**Other comprehensive income**		**0.00**	**0.00**
056	**(A) Items that will not be reclassified to profit or loss**		**0.00**	**0.00**
057	- Net gains/(losses) on fair value of equity instruments through other comprehensive income		0.00	0.00
058	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
059	- Net acturial gains/(losses) on defined benefit plans		11,271,357.32	-35,989,442.76
060	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
064			0.00	0.00
065	**Other comprehensive income for the year, net of income tax**		**11,271,357.32**	**-35,989,442.76**
070			0.00	0.00
071			0.00	0.00
072	**Total Comprehensive Income for the year**		**7,948,729,591.38**	**7,526,006,085.35**

NATIONAL CAPITAL POWER STATION

STATEMENT OF PROFIT AND LOSS **(Amount in ₹)**

	For the Year ended	Note	31.03.2024	31.03.2023
086			0.00	0.00
087	**Earnings per equity share:**		**0.00**	**0.00**
088	Basic & Diluted		0.00	0.00
089	Material Accounting Policies		0.00	0.00
090			0.00	0.00
091	The accompanying notes 1 to 48 form an integral part of these financial statements.		0.00	0.00

MUKESH DADHICH Digitally signed by MUKESH DADHICH Date: 2024.05.01 14:48:13 +05'30'

(Auditor Initial & Stamp)

VENKATESWAR BOMPADA Digitally signed by VENKATESWAR BOMPADA Date: 2024.04.28 11:13:01 +05'30'

(Head of Finance)

BRAHMAJI RAO GAMPA Digitally signed by BRAHMAJI RAO GAMPA Date: 2024.04.29 17:49:32 +05'30'

(Head of Unit)

NATIONAL CAPITAL POWER STATION

OTHER COMPREHENSIVE INCOME **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
001		0.00	0.00
002	**Other comprehensive income**	**0.00**	**0.00**
003	**(A) Items that will not be reclassified to profit or loss**	**0.00**	**0.00**
004	- Net gains/(losses) on fair value of equity instruments through other comprehensive income	0.00	0.00
005	Income tax on above that will not be reclassified to profit or loss	0.00	0.00
006	- Net acturial gains/(losses) on defined benefit plans	11,271,357.32	-35,989,442.76
007	Income tax on above that will not be reclassified to profit or loss	0.00	0.00
008		0.00	0.00
009	(B) Items that will be reclassified to profit or loss	0.00	0.00
010	Income tax relating to above items that will be reclassified to profit or loss	0.00	0.00
011		0.00	0.00
012	**Other comprehensive income for the year, net of income tax**	**11,271,357.32**	**-35,989,442.76**
013		0.00	0.00
014	**Total comprehensive income for the year (A+B)**	**11,271,357.32**	**-35,989,442.76**

Note forming part of Balance Sheet

(Amount in Rupees)

NOTE NO. 2 TO THE FS-NCA-PROPERTY, PLANT AND EQUIPMENT

Business Area :1011

Asset Class	Opening Gross Block As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2024	Opening Depreciation As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2024	Net Block As At 31.03.2024	Net Block As At 31.03.2023
1 TANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 Land : (including development expenses)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 Freehold	1765205425.67	3537897.96	0.00	1768743323.63	0.00	0.00	0.00	0.00	1768743323.63	1765205425.67
4 Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5 Submergence	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Right of use - Coal Bearing Area Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7 Roads,bridges, culverts & helipads	365706344.04	849599.40	0.00	366555943.44	125494306.94	13641161.91	0.00	139135468.85	227420474.59	240212037.10
8 Building :	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Main plant	4199698030.68	3456753.60	0.00	4203154784.28	1046499939.08	173743100.22	0.00	1220243039.30	2982911744.98	3153198091.60
11 Others	795447045.58	(10288902.01)	(336811.26)	784821332.31	282586716.97	25112022.99	(166986.67)	307531753.29	477289579.02	512860328.61
12 Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 Temporary erection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14 Water Supply, drainage & sewerage system	160644774.43	184313.71	0.00	160829088.14	57174705.94	5758625.60	0.00	62933331.54	97895756.60	103470068.49
15 Hydraulic works, barrages, dams, tunnels and power channel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16 MGR track and signalling system	93189487.30	0.00	0.00	93189487.30	36790421.35	4057092.68	0.00	40847514.03	52341973.27	56399065.95
17 Railway siding	709797802.41	0.00	0.00	709797802.41	367175758.88	31114796.42	0.00	398290555.30	311507247.11	342622043.53
18 Earth dam reservoir	498293736.04	18670708.29	0.00	516964444.33	139983502.77	33914612.34	0.00	173898115.11	343066329.22	358310233.27
19 Plant and machinery(including associated civil works) Owned Asset	43276265391.46	2056161898.25	(421529656.46)	44910897633.25	20202567342.52	1603833828.49	(389749607.09)	21416651563.92	23494246069.33	23073698048.94

007

Note forming part of Balance Sheet

(Amount in Rupees)

NOTE NO. 2 TO THE FS-NCA-PROPERTY, PLANT AND EQUIPMENT

Business Area :1011

Asset Class	Opening Gross Block As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2024	Opening Depreciation As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2024	Net Block As At 31.03.2024	Net Block As At 31.03.2023
20 Plant and machinery(including associated civil works) -Right of use Asset	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 Furniture and fixtures	215235972.78	9527511.74	(2768941.22)	221994543.30	121749679.51	18799035.18	(2065294.20)	138483420.49	83511122.81	93486293.27
22 Assets under 5 Km Scheme	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 Vehicles including speedboats / helicopter-Owned	1038368.73	2501850.00	0.00	3540218.73	722970.48	73202.63	0.00	796173.11	2744045.62	315398.25
24 Vehicles including speedboats / helicopter - Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Office equipment	126002869.89	14149313.80	(4190487.20)	135961696.49	77734225.59	11105392.27	(3360975.09)	85478642.77	50483053.72	48268644.30
26 EDP, WP machines and satcom equipment	93556310.33	16529637.72	(13171662.70)	96914285.35	75603669.86	11922330.38	(13098769.02)	74427231.22	22487054.13	17952640.47
27 Construction equipments	155579842.70	10362000.00	0.00	165941842.70	92411457.02	8789444.84	0.00	101200901.86	64740940.84	63168385.68
28 Electrical Installations	217777803.11	38976.00	(56160.00)	217760619.11	115523435.80	11747745.11	(33512.08)	127237668.83	90522950.28	102254367.31
29 Communication equipments	31911488.18	1019113.00	355390.51	33285991.69	21232315.22	1508921.43	282496.83	23023733.48	10262258.21	10679172.96
30 Hospital equipments	41682876.32	3950730.33	0.00	45633606.65	20463763.69	4724486.51	0.00	25188250.20	20445356.45	21219112.63
31 Laboratory and workshop equipments	10921621.38	4330010.00	0.00	15251631.38	3780480.50	655764.84	0.00	4436245.34	10815386.04	7141140.88
32 Capital expenditure on assets not owned by the Company	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 Assets of Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note forming part of Balance Sheet
NOTE NO. 2 TO THE FS-NCA-PROPERTY, PLANT AND EQUIPMENT
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2024	Opening Depreciation As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2024	Net Block As At 31.03.2024	Net Block As At 31.03.2023
34 Less:Grants from Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35 Less: Recoverable from GOI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36 Assets for ash utilisation	159411285.52	590000.00	0.00	160001285.52	0.00	0.00	0.00	0.00	160001285.52	159411285.52
37 (Less):-Adjusted from fly ash utilisation reserve fund	159411285.52	0.00	0.00	159411285.52	0.00	0.00	0.00	0.00	159411285.52	159411285.52
38 Site Restoration Cost	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39 Mining Properties	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total (Tangible)	52757955191.03	2135571411.79	(441698328.33)	54451828274.49	22787494692.12	1960501563.84	(408192647.32)	24339803608.64	30112024665.85	29970460498.91
Grand Total Prev Year (Tangible)	46971484502.59	6150217054.05	(363746365.61)	52757955191.03	20619545089.55	2433633118.71	(265683516.14)	22787494692.12	29970460498.91	26351939413.04

Note forming part of Balance Sheet
NOTE NO. 2 TO THE FS-NCA-PROPERTY, PLANT AND EQUIPMENT
Business Area :1011

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	**Gross Block**		**Depreciation/Amortization**	
	Tangible As At: 31.03.2024	**Tangible As At: 31.03.2023**	**Tangible As At: 31.03.2024**	**Tangible As At: 31.03.2023**
Disposal of assets	(9488985.58)	(2479299.81)	(9488985.58)	(2428540.54)
Retirement of assets	(433464106.18)	(328897206.71)	(399957298.17)	(270716113.27)
Cost adjustments	0.00	0.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	1092877.69	9682269.28	1091750.69	7391483.40
Others	161885.74	(42052128.37)	161885.74	69654.27
TOTAL	**(441698328.33)**	**(363746365.61)**	**(408192647.32)**	**(265683516.14)**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

810

Note forming part of Balance Sheet
NOTE NO. 3 TO THE FS-NCA-CAPITAL WORK-IN-PROGRESS
Business Area: NATIONAL CAPITAL POWER STATION

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2023	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2024
	1	2	3	4	5	6
1	CAPITAL WORK-IN-PROGRESS					
2	Development of land					
3	Roads, bridges, culverts & helipads	7124608.93	16078030.19	(1085600.00)		22117039.12
4	Piling and foundation					
5	Buildings :					
6	Main plant	7680134.29	4889404.26	(834203.72)		11735334.83
7	Others		5874.99	(5874.99)		
8	Temporary erection					
9	Water supply, drainage and sewerage system		179085.00	(179085.00)		
10	Hydraulic works, barrages, dams, tunnels and power channel					
11	MGR track and signalling system	80000000.00				80000000.00
12	Railway siding					
13	Earth dam reservoir	128672240.68	71027881.99	(18424562.53)		181275560.14
14	Plant and equipment	2005878005.41	878415648.19	(223032366.65)	1499331341.43	1161929945.52
15	Furniture and fixtures	578491.03	1192500.00	(38976.00)	1192500.23	539514.80
16	Vehicles					
17	Office equipment	649983.55	1795585.76	(580983.55)	1864585.76	
18	EDP/WP machines & satcom equipment					
19	Construction equipments					
20	Electrical installations					
21	Communication equipment					
22	Hospital equipments					
23	Laboratory and workshop equipments					
24	Assets under 5Km Scheme of the GOI					
25	Capital expenditure on assets not owned by the company		278547.89	(278547.89)		
26	Expenditure towards development of coal mines					
27	Survey,Investigation,Consultancy & Supervision Cha					
28	Difference in exchange on foreign currency loans					

811

Note forming part of Balance Sheet
NOTE NO. 3 TO THE FS-NCA-CAPITAL WORK-IN-PROGRESS
Business Area: NATIONAL CAPITAL POWER STATION

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2023	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2024
	1	2	3	4	5	6
29	Expenditure towards diversion of forest land					
30	Pre-commissioning expenses (net)					
31	ExpPendAlloca-oth ex attribut Project					
32	Expenditure During Construction Period (net)*		62980687.02			62980687.02
33	LESS : Allocated to related works		62980687.02			62980687.02
34	LESS : Provision for Unservicable works					
35	**Construction stores (At Cost)**					
36	Steel	7136887.24	10938960.88	(10522478.71)		7553369.41
37	Cement	2947116.55		218667.29		3165783.84
38	Others	25789717.81	526687.03	(11100913.59)		15215491.25
39	**Sub-total**	**35873721.60**	**11465647.91**	**(21404725.01)**		**25934644.50**
40	LESS : Provision for shortages					
41	**Sub-total**	**35873721.60**	**11465647.91**	**(21404725.01)**		**25934644.50**
42	**Total CWIP**	**2266457185.49**	**985328206.18**	**(265864925.34)**	**1502388427.42**	**1483532038.91**
43						
44						
45	**PREVIOUS YEAR TOTAL**	**7689093159.67**	**632877143.05**	**(200553650.33)**	**5779202051.70**	**2266457185.49**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

812

Note forming part of Balance Sheet
NOTE NO. 4 TO THE FS-NCA-INVESTMENT PROPERTY
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2024	Opening Depreciation As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2024	Net Block As At 31.03.2024	Net Block As At 31.03.2023
INVESTEMENT PROPERTY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1 Free Hold Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 ROU Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total (Investment Property)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total Prev Year (Investment Property)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

813

Note forming part of Balance Sheet
NOTE NO. 4 TO THE FS-NCA-INVESTMENT PROPERTY
Business Area :1011

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	**Gross Block**		**Depreciation/Amortization**	
	Investment Property As At: 31.03.2024	**Investment Property As At: 31.03.2023**	**Investment Property As At: 31.03.2024**	**Investment Property As At: 31.03.2023**
Disposal of assets	0.00	0.00	0.00	0.00
Retirement of assets	0.00	0.00	0.00	0.00
Cost adjustments	0.00	0.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	0.00	0.00	0.00	0.00
Others	0.00	0.00	0.00	0.00
TOTAL	**0.00**	**0.00**	**0.00**	**0.00**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

814

Note forming part of Balance Sheet
NOTE NO. 5 TO THE FS-NCA-INTANGIBLE ASSETS
Business Area :1011

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2024	Opening Depreciation As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2024	Net Block As At 31.03.2024	Net Block As At 31.03.2023
INTANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1 Right to Use- Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 -Others	1971860852.66	0.00	0.00	1971860852.66	798450549.05	99864706.70	0.00	898315255.75	1073545596.91	1173410303.61
3 -Software	3835999.83	0.00	0.00	3835999.83	3271813.01	260424.67	0.00	3532237.68	303762.15	564186.82
Grand Total (Intangible)	1975696852.49	0.00	0.00	1975696852.49	801722362.06	100125131.37	0.00	901847493.43	1073849359.06	1173974490.43
Grand Total Prev Year (Intangible)	1974905132.49	758774.00	32946.00	1975696852.49	701168811.55	100520604.51	32946.00	801722362.06	1173974490.43	1273736320.94

Note forming part of Balance Sheet
NOTE NO. 5 TO THE FS-NCA-INTANGIBLE ASSETS
Business Area :1011

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	**Gross Block**		**Depreciation/Amortization**	
	InTangible As At: 31.03.2024	**InTangible As At: 31.03.2023**	**InTangible As At: 31.03.2024**	**InTangible As At: 31.03.2023**
Disposal of assets	0.00	0.00	0.00	0.00
Retirement of assets	0.00	0.00	0.00	0.00
Cost adjustments	0.00	0.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	0.00	32946.00	0.00	32946.00
Others	0.00	0.00	0.00	0.00
TOTAL	**0.00**	**32946.00**	**0.00**	**32946.00**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

816

(Amount in Rupees)

Note forming part of Balance Sheet
NOTE NO. 6 TO THE FS-NCA-INTANGIBLE ASSETS UNDER DEVELOPMENT
Business Area: NATIONAL CAPITAL POWER STATION

Sl No	Asset Class	As At 01.04.2023	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2024
	1	2	3	4	5	6
1	INTANGIBLE ASSETS UNDER DEVELOPMENT					
2	Software					
3	Right to use Others					
4	Exploration and Evaluation Expentiture - Coal Mini					
5	Exploratory wells-in-progress					
6	**Less: Provision for exploratory wells-in-progress**					
7	**Total**					
8	**PREVIOUS YEAR TOTAL-I**					

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 7 TO THE FS-NCA-EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES (Amount in ₹)

	As at	No. of shares	Face value	31.03.2024	31.03.2023
001	**NON CURRENT INVESTMENTS-INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES**			**0.00**	**0.00**
012	**EQUITY INSTRUMENTS - UNQUOTED-(FULLY PAID UP UNLESS OTHERWISE STATED, AT COST)**			**0.00**	**0.00**
013	**SUBSIDIARY COMPANIES**			**0.00**	**0.00**
014	PATRATU VIDYUT UTPADAN NIGAM LTD.			0.00	0.00
015	NTPC ELECTRIC SUPPLY COMPANY LTD.			0.00	0.00
016	NTPC VIDYUT VYAPAR NIGAM LTD.			0.00	0.00
017	NABINAGAR POWER GENERATING COMPANY LTD.			0.00	0.00
018	KANTI BIJLEE UTPADAN NIGAM LTD.			0.00	0.00
019	BHARTIYA RAIL BIJLEE COMPANY LTD.			0.00	0.00
020	NTPC MINING LTD (NML)			0.00	0.00
021	THDC INDIA LTD.			0.00	0.00
022	NEEPCO LTD.			0.00	0.00
023	NTPC EDMC Waste Solutions Pvt Ltd			0.00	0.00
024	NTPC Renewables Energy Ltd			0.00	0.00
025	Ratnagiri Gas & Power Pvt. Limited (RGPPL)			0.00	0.00
026	NTPC Green Energy Limited			0.00	0.00
027	Green Valley Renewable Energy Limited			0.00	0.00
028				0.00	0.00
029				0.00	0.00
030	**SUB TOTAL**			**0.00**	**0.00**
055	**JOINT VENTURE COMPANIES**			**0.00**	**0.00**
056	Utility Powertech Ltd.			0.00	0.00
057	NTPC GE Power Services Pvt.Ltd.			0.00	0.00
058	NTPC-SAIL Power Company Ltd.			0.00	0.00
059	NTPC-Tamil Nadu Energy Company Ltd.			0.00	0.00

NOTE NO. 7 TO THE FS-NCA-EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES (Amount in ₹)

	As at	No. of shares	Face value	31.03.2024	31.03.2023
060	Ratnagiri Gas & Power Pvt. Limited (RGPPL)			0.00	0.00
061	ARAVALI POWER COMPANY PRIVATE LTD.			0.00	0.00
062	Jhabua Power Ltd.			0.00	0.00
063	NTPC BHEL POWER PROJECTS PRIVATE LTD.			0.00	0.00
064	MEJA URJA NIGAM PRIVATE LIMITED			0.00	0.00
065	BF-NTPC ENERGY SYSTEMS LTD.			0.00	0.00
066				0.00	0.00
067	NABINAGAR POWER GENERATING COMPANY LTD.			0.00	0.00
068	TRANSFORMER AND ELECTRICAL KERALA LTD.			0.00	0.00
069	NATIONAL HIGH POWER TEST LABORTORY PRIVATE LTD.			0.00	0.00
070				0.00	0.00
071	CIL NTPC URJA PRIVATE LTD.			0.00	0.00
072	ANUSHAKTI VIDHYUT NIGAM LTD.			0.00	0.00
073	ENERGY EFFICIENCY SERVICES LTD.			0.00	0.00
074				0.00	0.00
075	TRINCOMALEE POWER COMPANY LTD.			0.00	0.00
076	BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LTD.			0.00	0.00
077	HINDUSTAN URVARAK & RASAYAN LIMITED			0.00	0.00
078	KONKAN LNG LTD			0.00	0.00
085	**SUB TOTAL**			**0.00**	**0.00**
109	AGGREGATE AMOUNT OF IMPAIRMENT IN THE VALUE OF INVESTMENTS			0.00	0.00
110	TOTAL (NET OF IMPAIRMENT) OF JV			0.00	0.00
111	**Gross Total of Investments**			**0.00**	**0.00**
134	**Total**			**0.00**	**0.00**
135	Details of Investments			0.00	0.00
136	Aggregate amount of Unquoted Investments			0.00	0.00

NOTE NO. 7 TO THE FS-NCA-EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES **(Amount in ₹)**

	As at	No. of shares	Face value	31.03.2024	31.03.2023
141				0.00	0.00
142				0.00	0.00
143				0.00	0.00
144				0.00	0.00
145				0.00	0.00
153	Valuation of Investments as per Note 1.			0.00	0.00
154				0.00	0.00
202				0.00	0.00
233				0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 8 TO THE FS-NCA-OTHER INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2024	31.03.2023
001	Non-current financial assets (investments)			0.00	0.00
006	**Long Term - Trade**			**0.00**	**0.00**
007	**Equity Instruments (fully paid up-unless otherwise stated)**			**0.00**	**0.00**
008	**Quoted**			**0.00**	**0.00**
009	**JOINT VENTURE COMPANIES**			**0.00**	**0.00**
010	PTC India Ltd.			0.00	0.00
070	INTERNATIONAL COAL VENTURES PRIVATE LTD.			0.00	0.00
075	BF-NTPC ENERGY SYSTEMS LTD.			0.00	0.00
098	Jhabua Power Limited-8.5% Non convertible debentures - private placement			0.00	0.00
110	COOPERATIVE SOCIETIES			0.00	0.00
111				0.00	0.00
112	**SUB TOTAL**			**0.00**	**0.00**
113	AGGREGATE AMOUNT OF IMPAIRMENT IN THE VALUE OF INVESTMENTS			0.00	0.00
115	**TOTAL**			**0.00**	**0.00**
120				0.00	0.00
146	NTPC EMPLOYEES CONSUMERS AND THRIFT CO-OPERATIVE SOCIETY LTD. KORBA			0.00	0.00
147	NTPC EMPLOYEES CONSUMERS AND THRIFT COOPERATIVE SOCIETY LTD. RSTPP			0.00	0.00
148	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. FARAKKA			0.00	0.00
149	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. VINDHYACHAL			0.00	0.00
150	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. ANTA			0.00	0.00
151	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. KAWAS			0.00	0.00
152	NTPC Employees Consumers Cooperative Society Ltd. Kaniha			0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 9 TO THE FS-NCA-LOANS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**LOANS (NON CURRENT)**	**0.00**	**0.00**
004	RELATED PARTIES	0.00	0.00
005	SECURED	0.00	0.00
006	UN-SECURED	0.00	0.00
007	WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
008	CREDIT IMPAIRED	0.00	0.00
009		0.00	0.00
010	EMPLOYEES(INCLUDING ACCRUED INTEREST)	0.00	0.00
011	SECURED	216,616,347.45	183,386,645.58
012	UNSECURED	142,805,298.68	128,780,322.42
013	WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
014	CREDIT IMPAIRED	0.00	0.00
015	LESS : EMPLOYEE LOANS DISCOUNTING	0.00	0.00
016	SECURED	50,708,255.69	42,506,542.68
017	UNSECURED	22,575,826.46	21,443,722.57
018	LOAN TO STATE GOVERNMENT IN SETTLEMENT OF DUES FROM CUSTOMERS (UNSECURED)	0.00	0.00
019	OTHERS	0.00	0.00
020	SECURED	0.00	0.00
021	UNSECURED	0.00	0.00
022	WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
023	CREDIT IMPAIRED	0.00	0.00
024	LESS: ALLOWANCE FOR CREDIT IMPAIRED LOANS	0.00	0.00
026	**SUB TOTAL**	**286,137,563.98**	**248,216,702.75**
027		0.00	0.00
028	**TOTAL**	**286,137,563.98**	**248,216,702.75**
029		0.00	0.00
030		0.00	0.00
031	**Due from Directors and Officers of the Company**	**0.00**	**0.00**
032	Directors	0.00	0.00
033	Officers	0.00	0.00
034		**0.00**	**0.00**
035	**Loans to related parties include:**	**0.00**	**0.00**
036	i)Key management personel	0.00	0.00
037	ii)Subsidiary companies	0.00	0.00
038	iii)Joint Venture companies	0.00	0.00
039	iv)Others	0.00	0.00
040		**0.00**	**0.00**
055	Other loans represent loans given to	0.00	0.00
056	a) APIIC	0.00	0.00
061		0.00	0.00
062	RPD	0.00	0.00
063	i)Key management personel	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 9 TO THE FS-NCA-LOANS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
064	ii)Subsidiary companies	0.00	0.00
065	iii)Joint Venture companies	0.00	0.00
066	iv)Others	0.00	0.00
067	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 10 TO THE FS-NCA-TRADE RECEIVABLES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	Non-current financial assets - Trade receivables	0.00	0.00
002	UNSECURED, CONSIDERED GOOD	0.00	0.00
003	CREDIT IMPAIRED	0.00	0.00
004		0.00	0.00
006	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

ANNEXURE TO NOTE 9- RPD (LOANS) SUBSIDIARIES **(Amount in ₹)**

As at	31.03.2024	31.03.2023
010	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 11 TO THE FS-NCA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**Other Financial Assets (non current)**	**0.00**	**0.00**
002		0.00	0.00
003	**Share application money pending allotment in (Subsidiary Companies) :**	**0.00**	**0.00**
004	NTPC Electric Supply Company Ltd.	0.00	0.00
005	NTPC Vidyut Vyapar Nigam Ltd.	0.00	0.00
006	Nabinagar Power Generating Company Ltd.	0.00	0.00
007	Kanti Bijlee Utpadan Nigam Ltd.	0.00	0.00
008	Bhartiya Rail Bijlee Company Ltd.	0.00	0.00
009	Patratu Vidyut Utpadan Nigam Ltd.	0.00	0.00
010	NTPC Mining Limited	0.00	0.00
011	THDC Ltd.	0.00	0.00
012	NEEPCO Ltd	0.00	0.00
013		0.00	0.00
014	**Total**	**0.00**	**0.00**
015	**Share application money pending allotment (Joint Venture)**	**0.00**	**0.00**
016	Utility Powertech Ltd.	0.00	0.00
017	NTPC GE Power Services Pvt.Ltd.	0.00	0.00
018	NTPC-SAIL Power Company Ltd.	0.00	0.00
019	NTPC-Tamil Nadu Energy Company Ltd.	0.00	0.00
020	Ratnagiri Gas & Power Private Ltd.	0.00	0.00
021	Aravali Power Company Private Ltd.	0.00	0.00
022		0.00	0.00
023	NTPC BHEL Power Projects Private Ltd.	0.00	0.00
024	Meja Urja Nigam Private Limited	0.00	0.00
025	BF-NTPC Energy Systems Ltd.	0.00	0.00
026	Anushakti Vidhyut Nigam Ltd.	0.00	0.00
027	Nabinagar Power Generating Company Ltd.	0.00	0.00
028	Energy Efficiency Services Ltd.	0.00	0.00
029	National High Power Test Labortory Private Ltd.	0.00	0.00
030		0.00	0.00
031	CIL NTPC Urja Private Ltd.	0.00	0.00
032	Trincomalee Power Company Ltd.	0.00	0.00
033	Hindustan Urvarak & Rasayan Limited	0.00	0.00
034	Bangladesh-India Friendship Power Company Private Ltd.	0.00	0.00
035	**Sub Total**	**0.00**	**0.00**
036		0.00	0.00
037	Claims Recoverable	0.00	0.00
038	Finance Lease Recoverable	0.00	0.00
039	Mine Closure Deposit	0.00	0.00
040	Financial Deposit	0.00	0.00
041		0.00	0.00
042	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 12 TO THE FS-NCA-OTHER NON-CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**Other Non-current Assets**	**0.00**	**0.00**
002		**0.00**	**0.00**
003	**CAPITAL ADVANCES**	**0.00**	**0.00**
004	SECURED	0.00	0.00
005	Unsecured	0.00	0.00
006	COVERED BY BANK GUARANTEE	680,447.82	33,730,262.22
007	OTHERS	280,249,634.75	201,607,439.89
008	CONSIDERED DOUBTFUL	18,572,609.00	18,572,609.00
009	LESS: ALLOWANCE FOR BAD & DOUBTFUL ADVANCES	18,572,609.00	18,572,609.00
010	**Sub-Total**	**280,930,082.57**	**235,337,702.11**
011		0.00	0.00
012	Advances other than capital advances	0.00	0.00
013	SECURITY DEPOSITS	11,789,776.00	5,498,200.00
019	Advances to Related parties	0.00	0.00
022	**Advances to Contractors & Suppliers**	**0.00**	**0.00**
023	SECURED	0.00	0.00
024	UNSECURED	0.00	0.00
025	CONSIDERED DOUBTFUL	0.00	0.00
026	LESS: ALLOWANCE FOR BAD & DOUBTFUL ADVANCES	0.00	0.00
027	**Sub Total**	**11,789,776.00**	**5,498,200.00**
028	RECEIVABLE FROM MCP ESCROW A/C	0.00	0.00
029	Pre Paid expenses	0.00	0.00
039	ADVANCE TAX & TAX DEDUCTED AT SOURCE	27,529,747.00	27,045,581.51
040	LESS:- PROVISION FOR CURRENT TAX	0.00	0.00
041		0.00	0.00
042	**Sub Total**	**27,529,747.00**	**27,045,581.51**
043	DEFERRED PAYROLL EXPENSES (SECURED)	34,507,227.71	32,280,347.09
044	DEFERRED PAYROLL EXPENSES (UNSECURED)	16,823,028.45	15,806,078.24
045	**Sub Total**	**51,330,256.16**	**48,086,425.33**
046	DEFERRED FOREIGN CURRENCY FLUCTUATION ASSET	1,000.00	1,000.00
049		0.00	0.00
050	**Total**	**371,580,861.73**	**315,968,908.95**
051		0.00	0.00
052		0.00	0.00
062	Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
064		0.00	0.00
065	NTPC GE Power Services Pvt.Ltd.	0.00	0.00
066		0.00	0.00
067	Ratnagiri Gas & Power Private Ltd.	0.00	0.00
068	Aravali Power Company Private Ltd.	0.00	0.00
069	NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 12 TO THE FS-NCA-OTHER NON-CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
070	NTPC BHEL Power Projects Private Ltd.	0.00	0.00
071	Meja Urja Nigam Private Limited	0.00	0.00
072	Nabinagar Power Generating Company Ltd.	0.00	0.00
073	National High Power Test Labortory Private Ltd.	0.00	0.00
075	CIL NTPC Urja Private Ltd.	0.00	0.00
077		0.00	0.00
078	**Related Party (Adv)**	**0.00**	**0.00**
079	Key Management personel	0.00	0.00
080	Subsidiary companies	0.00	0.00
081	Joint Venture companies	0.00	0.00
082	Contractors	0.00	0.00
083	Others	0.00	0.00
085		0.00	0.00
086	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 13 TO THE FS-CA-INVENTORIES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**INVENTORIES**	**0.00**	**0.00**
002		**0.00**	**0.00**
003	Coal	5,302,335,169.37	2,992,712,989.91
004	Fuel oil	335,464,175.40	282,747,188.61
005	Naphtha	0.00	0.00
006	Stores and spares	1,430,473,345.96	1,396,393,738.73
007	Chemicals & consumables	176,275,661.49	158,056,304.36
008	Loose tools	6,182,745.46	5,142,130.42
009	Others	426,683,429.00	466,802,556.31
010		0.00	0.00
011		0.00	0.00
012	**Sub Total**	**7,677,414,526.68**	**5,301,854,908.34**
013	Less: Provision for shortages	763,228.17	6,541,840.75
014	Less: Provision for obsolete/ unservicable/dimunition in value of surplus inventory	90,562,348.05	88,821,301.30
016		0.00	0.00
017	**Total**	**7,586,088,950.46**	**5,206,491,766.29**
018	**Inventories include material in transit**	**0.00**	**0.00**
019	Coal	308,768,520.59	235,980,102.03
020	Fuel oil	0.00	0.00
021	Naphtha	0.00	0.00
022	Stores and spares	6,287,625.00	10,643,730.95
023	Chemicals & consumables	0.00	2,054,007.62
024	Loose tools	0.00	0.00
025	Others	0.00	409,916.43
026		**0.00**	**0.00**
028		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 14 TO THE FS-CA-OTHER INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2024	31.03.2023
001	**CURRENT INVESTMENTS**			**0.00**	**0.00**
002	**(Valuation as per Note 1)**			**0.00**	**0.00**
003	Jhabua Power Limited-8.5% Non convertible debentures - private placement			0.00	0.00
033	Investment in Mutual Funds (Details as under)			0.00	0.00
034	SBI-Magnum Insta Cash Fund-DDR			0.00	0.00
035	SBI Premier Liquid Fund Super-IP-DDR			0.00	0.00
036	SBI-SHF Ultra Short Term Fund-IP-DDR			0.00	0.00
037	UTI Money Market- IP-Direct-Growth			0.00	0.00
038	IDBI-Liquid plan- Direct-Growth			0.00	0.00
039	Canara Robeco Liquid Fund Super-IP-DDR			0.00	0.00
040	Canara Robeco Treasury Advantage Fund Super-IP-DDR			0.00	0.00
041	IDBI Liquid Fund-DDR			0.00	0.00
042	SBI Premier Liquid fund-Direct DDR (Ash Fund)			0.00	0.00
043	UTI Liquid CashPlan - IP - DDR (Ash Funds)			0.00	0.00
044	IDBI Liquid Fund - DDR - (Ash Funds)			0.00	0.00
045	Baroda Liquid Fund - Direct - Growth			0.00	0.00
046				0.00	0.00
047				0.00	0.00
048	**Sub Total**			**0.00**	**0.00**
049				**0.00**	**0.00**
052	**Unquoted Investments**			**0.00**	**0.00**
054				0.00	0.00
066	**TOTAL**			**0.00**	**0.00**
067				0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 15 TO THE FS-CA-TRADE RECEIVABLES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**TRADE RECEIVABLES (current)***	**0.00**	**0.00**
002		0.00	0.00
003	Secured,Considered Good	0.00	0.00
004	Unsecured , considered good	1,025,410.11	0.00
005	Credit impaired	0.00	0.00
006	Unbilled Revenue	0.00	0.00
007	**Sub-Total**	**1,025,410.11**	**0.00**
008	**Total**	**1,025,410.11**	**0.00**
009	Less: Allowance for credit impaired receivables	0.00	0.00
010	**Total**	**1,025,410.11**	**0.00**
012	Less: Discom Clearing	0.00	0.00
014		0.00	0.00
015	**Grand Total**	**1,025,410.11**	**0.00**
016	Other Unsecured	0.00	0.00
017	Long-term trade receivables	0.00	0.00
018	TCS Clearing	0.00	0.00
019	Discom Clearing	0.00	0.00
228	**Trade Receivable**	**0.00**	**0.00**
230	Not due	0.00	0.00
231	Due	0.00	0.00
232	(i) Undisputed Trade receivables # considered good	1,025,410.11	0.00
233	(ii) Undisputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
234	(iii) Undisputed Trade Receivables # credit impaired	0.00	0.00
235	(iv) Disputed Trade Receivables#considered good	0.00	0.00
236	(v) Disputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
237	(vi) Disputed Trade Receivables # credit impaired	0.00	0.00
238	Unbilled	0.00	0.00
239	**Total**	**1,025,410.11**	**0.00**
240		0.00	0.00
241	**(i) Undisputed Trade receivables # considered good**	**0.00**	**0.00**
242	Less than 6 months	1,025,410.11	0.00
243	6 months -1 year	0.00	0.00
244	1-2 years	0.00	0.00
245	2-3 years	0.00	0.00
246	More than 3 years	0.00	0.00
247	**Sub Total (I)**	**1,025,410.11**	**0.00**
248	**(ii) Undisputed Trade Receivables # which have significant increase in credit risk**	**0.00**	**0.00**
249	Less than 6 months	0.00	0.00
250	6 months -1 year	0.00	0.00
251	1-2 years	0.00	0.00
252	2-3 years	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 15 TO THE FS-CA-TRADE RECEIVABLES (Amount in ₹)

	As at	31.03.2024	31.03.2023
253	More than 3 years	0.00	0.00
254	**Sub Total (II)**	**0.00**	**0.00**
255	**(iii) Undisputed Trade Receivables -credit impaired**	**0.00**	**0.00**
256	Less than 6 months	0.00	0.00
257	6 months -1 year	0.00	0.00
258	1-2 years	0.00	0.00
259	2-3 years	0.00	0.00
260	More than 3 years	0.00	0.00
261	**Sub Total (III)**	**0.00**	**0.00**
262		0.00	0.00
263	**(iv) Disputed Trade Receivables#considered good**	**0.00**	**0.00**
264	Less than 6 months	0.00	0.00
265	6 months -1 year	0.00	0.00
266	1-2 years	0.00	0.00
267	2-3 years	0.00	0.00
268	More than 3 years	0.00	0.00
269	**Sub Total (IV)**	**0.00**	**0.00**
270	**(v) Disputed Trade Receivables # which have significant increase in credit risk**	**0.00**	**0.00**
271	Less than 6 months	0.00	0.00
272	6 months -1 year	0.00	0.00
273	1-2 years	0.00	0.00
274	2-3 years	0.00	0.00
275	More than 3 years	0.00	0.00
276	**Sub Total (V)**	**0.00**	**0.00**
277	**(vi) Disputed Trade Receivables # credit impaired**	**0.00**	**0.00**
278	Less than 6 months	0.00	0.00
279	6 months -1 year	0.00	0.00
280	1-2 years	0.00	0.00
281	2-3 years	0.00	0.00
282	More than 3 years	0.00	0.00
283	**Sub Total (VI)**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 16 TO THE FS-CA-CASH AND CASH EQUIVALENTS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**CASH & BANK BALANCES**	**0.00**	**0.00**
002	**Cash & Cash Equivalents**	**0.00**	**0.00**
003	Balances with Banks	0.00	0.00
004	Cheques & Drafts on hand	0.00	0.00
005	Cash on hand	0.00	0.00
006	Others (stamps in hand)	0.00	62,772.00
007	Bank deposits with original maturity upto three months	0.00	0.00
008	Balances with RBI	0.00	0.00
009		0.00	0.00
011	**Total**	**0.00**	**62,772.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 17 TO THE FS-CA-BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**Other Bank Balances**	**0.00**	**0.00**
002	Deposits with original maturity of more than three months but not more than twelve months	0.00	0.00
003	Earmarked balances with banks*	0.00	0.00
004	**SubTotal**	**0.00**	**0.00**
005	Interest accrued on deposits	0.00	0.00
006		0.00	0.00
008	**Total**	**0.00**	**0.00**
009		0.00	0.00
010	**Earmarked balances with banks consist of :**	**0.00**	**0.00**
011	Unpaid dividend account balance	0.00	0.00
012	Towards public deposit repayment reserve	0.00	0.00
013	Towards redemption of bonds due for repayment within one year	0.00	0.00
014	Security with Government/other authorities	0.00	0.00
015	Unpaid refund/interest account balance - Tax free bonds/ Bonus Debentures	0.00	0.00
016	Earmarked for RGGVY/DDUGJY/SAUBHAGYA Fund/RDSS	0.00	0.00
017	Earmarked for Flyash Utilisation Reserve Fund	0.00	0.00
018	Deposits with original maturity upto three months as per court orders	0.00	0.00
019	Payment Security Scheme of MNRE NSM (NTPC)	0.00	0.00
020	Payment Security Scheme of MNRE NSM (NVVN)	0.00	0.00
021	Enforcement Directorate of Solar Plant(NVVN)	0.00	0.00
022	Bank guarantee Fund of MNRE (NVVN)	0.00	0.00
023	Others	0.00	0.00
024	Margin Money	0.00	0.00
025		0.00	0.00
026		0.00	0.00
027		0.00	0.00
031	**Total**	**0.00**	**0.00**
032		0.00	0.00
033	Bank deposits with original maturity of less than three months- other than earmarked	0.00	0.00
034	Bank deposits with original maturity of more than three months but not more than twelve months- other than earmarked	0.00	0.00
035	Earmarked bank balances (current account)	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 18 TO THE FS-CA-LOANS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**Current financial assets - Loans**	**0.00**	**0.00**
002	**Loans (current)-including interest accrued**	**0.00**	**0.00**
004	**Related Parties**	**0.00**	**0.00**
005	Secured	0.00	0.00
006	Un-Secured	0.00	0.00
007	With significant increase in Credit Risk	0.00	0.00
008	Credit impaired	0.00	0.00
009		**0.00**	**0.00**
010	**Employees**	**0.00**	**0.00**
011	Secured	44,510,265.72	41,723,301.64
012	Unsecured	93,628,941.66	95,480,483.81
013	With significant increase in Credit Risk	0.00	0.00
014	Credit impaired	0.00	0.00
015	Less : Employee Loans Discounting	0.00	0.00
016	**Loan to State Government in settlement of dues from customers (Unsecured)**	**0.00**	**0.00**
017		0.00	0.00
018	**Others**	**0.00**	**0.00**
019	Secured	0.00	0.00
020	Unsecured	0.00	0.00
021	With significant increase in Credit Risk	0.00	0.00
022	Credit impaired	0.00	0.00
023		**0.00**	**0.00**
024	Less: Allowance for credit impaired loans	0.00	0.00
026		0.00	0.00
027	**Total (Loans)**	**138,139,207.38**	**137,203,785.45**
028		**0.00**	**0.00**
029	**Due from Directors and Officers of the Company**	**0.00**	**0.00**
030	Directors	0.00	0.00
031	Officers	0.00	0.00
032		**0.00**	**0.00**
033	**Loans to related parties include:**	**0.00**	**0.00**
034	i)Key management personel	0.00	0.00
035	ii)Subsidiary companies	0.00	0.00
036	KBUNL	0.00	0.00
037	RGPPL	0.00	0.00
038	NVVN	0.00	0.00
039	iii)Joint Venture companies	0.00	0.00
040	iv)others	0.00	0.00
041		0.00	0.00
060	RPD	0.00	0.00
061	i)Key management personel	0.00	0.00
062	ii)Subsidiary companies	0.00	0.00
063	iii)Joint Venture companies	0.00	0.00
064	iv)Others	0.00	0.00
065		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 18 TO THE FS-CA-LOANS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
066	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 19 TO THE FS-CA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**Other Financial Assets (current)**	**0.00**	**0.00**
002		0.00	0.00
003	**ADVANCES**	**0.00**	**0.00**
004		**0.00**	**0.00**
005	**Related Parties**	**0.00**	**0.00**
006	Secured	0.00	0.00
007	Un-Secured	-82,379,427.48	-57,713,524.56
008	Considered doubtful	0.00	0.00
009		**0.00**	**0.00**
010	**Employees**	**0.00**	**0.00**
012	Unsecured	4,278,709.05	6,781,197.90
013	Considered Doubtful	0.00	0.00
014		**0.00**	**0.00**
020	**Others**	**0.00**	**0.00**
021	Secured	0.00	0.00
022	Unsecured	0.00	0.00
023	Considered Doubtful	0.00	0.00
024		**0.00**	**0.00**
025	Less: Allowance for bad & doubtful advances	0.00	0.00
026		**0.00**	**0.00**
033	**Total (Advances)**	**-78,100,718.43**	**-50,932,326.66**
044		**0.00**	**0.00**
045	**Claims Recoverable**	**0.00**	**0.00**
046	Secured	0.00	0.00
047	Unsecured, considered good	19,914,315.74	24,907,393.04
048	Considered Doubtful	0.00	375,353.48
049	Less:- Allowance for doubtful claims	375,353.48	375,353.48
050	Others-Claims Recoverable	0.00	0.00
051		**0.00**	**0.00**
052	Contract Asset- Revenue	996,704,334.76	810,744,895.38
053	Hedging cost recoverable from beneficiaries	0.00	0.00
054	Derivative MTM Asset	0.00	0.00
055	Finance Lease Receivable	0.00	0.00
056	Mine Closure Deposit	0.00	0.00
057	Financial Deposit	0.00	0.00
059	**Other Accrued Income**	**0.00**	**0.00**
060	Secured,Considered Good	0.00	0.00
061	Unsecured , considered good	123,227,324.96	23,604,196.04
062	Credit impaired	0.00	0.00
063		0.00	0.00
064	**Sub-Total**	**123,227,324.96**	**23,604,196.04**
065	Less: Allowance for credit impaired receivables	0.00	0.00
066	**Total**	**123,227,324.96**	**23,604,196.04**
067		0.00	0.00
068	Others*	0.00	0.00
070		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 19 TO THE FS-CA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
071	**Total**	**1,061,369,903.55**	**808,324,157.80**
072	* Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
073	**Advances to related parties include:**	**0.00**	**0.00**
074	i)Key management personel	0.00	0.00
075		0.00	0.00
076	iii)Joint Venture companies	0.00	0.00
077		0.00	0.00
078	v)Others	0.00	0.00
079		**0.00**	**0.00**
080	Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
081	Related Party (Adv)- Employee	0.00	0.00
082	Related Party (Adv)- Subsidiaries	-82,379,427.48	-57,713,524.56
083	Related Party (Adv)- Joint Ventures	0.00	0.00
084		0.00	0.00
085	Related Party (Adv)- Others	0.00	0.00
086		0.00	0.00
099		0.00	0.00
100		0.00	0.00
101	**Total**	**-82,379,427.48**	**-57,713,524.56**

NATIONAL CAPITAL POWER STATION

NOTE NO. 20 TO THE FS-CA-OTHER CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**OTHER CURRENT ASSETS**	**0.00**	**0.00**
002	Security Deposits (Unsecured)	0.00	0.00
003	Deposit with Customs, port trust & others*	17,077,316.00	16,877,316.00
004	**ADVANCES**	**0.00**	**0.00**
005		**0.00**	**0.00**
006	**Related Parties**	**0.00**	**0.00**
007	Secured	0.00	0.00
008	Un-Secured	0.00	0.00
009	Considered doubtful	0.00	0.00
010		**0.00**	**0.00**
011	**Employees(including imprest)**	**0.00**	**0.00**
012	Secured	0.00	0.00
013	Unsecured	21,142,068.60	20,903,583.00
014	Considered Doubtful	0.00	0.00
015		**0.00**	**0.00**
016	**Contractors & Suppliers**	**0.00**	**0.00**
017	Secured	0.00	0.00
018	Unsecured	1,537,329,552.43	4,995,057,651.45
019	Considered Doubtful	0.00	0.00
020		0.00	0.00
021	**Others****	**0.00**	**0.00**
022	Secured	0.00	0.00
023	Unsecured	30,596.00	4,899,459.03
024	Considered Doubtful	0.00	0.00
025	Less: Allowance for bad & doubtful advances	0.00	0.00
026	Receivable from MCP Escrow A/c	0.00	0.00
027	Deferred Payroll Expenses (Secured)	4,461,407.93	4,783,561.38
028	Deferred Payroll Expenses (Unsecured)	6,934,065.84	5,972,773.90
029	**Sub-total**	**11,395,473.77**	**10,756,335.28**
030	**Interest accrued on :**	**0.00**	**0.00**
031	Advances to contractors	0.00	0.00
032		**0.00**	**0.00**
033	**Claims Recoverable**	**0.00**	**0.00**
034	Secured	0.00	0.00
035	Unsecured, considered good	5,832,949,464.72	4,883,709,943.25
036	Considered Doubtful	375,353.48	0.00
037	Less:- Allowance for doubtful claims	0.00	0.00
038		**0.00**	**0.00**
039	Deferred premium on forward exchange contract/ Option Assets	0.00	0.00
041		0.00	0.00
042	Others	4,089,467.41	548,756.45
043		0.00	0.00
045	**Total (Other Current Assets)**	**7,424,389,292.41**	**9,932,753,044.46**
046	**Include Prepaid Expenses	0.00	4,832,003.03
047	*Includes sales tax/Entry tax/VAT deposited under protest with Sales Tax Authorities	0.00	16,534,962.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 20 TO THE FS-CA-OTHER CURRENT ASSETS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
048	*Includes deposited with courts	0.00	0.00
049	*Includes deposited with LIC for annuity payments	0.00	0.00
050	* Includes deposits with WRD / against BG in r/o finance lease	0.00	0.00
051	Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
053	**Advances to related parties include:**	**0.00**	**0.00**
054	i)Key management personel	0.00	0.00
055	ii)Subsidiary companies	0.00	0.00
056	iii)Joint Venture companies	0.00	0.00
057	Contractors	0.00	0.00
058	Others	0.00	0.00
059		0.00	0.00
060	Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
061		**0.00**	**0.00**
062		0.00	0.00
063	Related Party (Adv)- Employee	0.00	0.00
064	Related Party (Adv)- Subsidiaries	0.00	0.00
065	Related Party (Adv)- Joint Venture	0.00	0.00
066		0.00	0.00
067		0.00	0.00
068	**Total**	**0.00**	**0.00**
069		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 21 TO THE FS-ASSETS HELD FOR SALE **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**ASSET HELD FOR SALE**	**0.00**	**0.00**
002		0.00	0.00
003	Assets held for Sale	2,024,419.37	42,471,018.51
004		0.00	0.00
005	**Total**	**2,024,419.37**	**42,471,018.51**
031		0.00	0.00
032	**Assets held for sale includes:-**	**0.00**	**0.00**
033		0.00	0.00
034	Land	1,675,183.50	42,121,782.64
035	Building	0.00	0.00
036	Plant and equipment	338,217.87	338,217.87
037	Other assets	11,018.00	11,018.00
038	**Total**	**2,024,419.37**	**42,471,018.51**
039		0.00	0.00
040		0.00	0.00
041		0.00	0.00
042		0.00	0.00
043		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 22 TO THE FS--REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	On account of Exchange Differences	-170,319,764.72	-53,028,686.33
002	On account of employee benefit exp	0.00	0.00
003	Regulatory deferred account - deferred	0.00	0.00
004	Deferred asset for ash transportation	0.00	0.00
005	Deferred asset for Arbitration Award	0.00	0.00
008		0.00	0.00
009	**Total**	**-170,319,764.72**	**-53,028,686.33**

NATIONAL CAPITAL POWER STATION

ANNEXURE TO NOTE 9- RPD (LOANS) JOINT VENTURE **(Amount in ₹)**

As at	31.03.2024	31.03.2023

NATIONAL CAPITAL POWER STATION

NOTE NO. 23 TO THE FS-EQUITY-EQUITY SHARE CAPITAL **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**SHARE CAPITAL**	**0.00**	**0.00**
002	**Equity Share Capital**	**0.00**	**0.00**
003	**Authorised**	**0.00**	**0.00**
004	16,60,00,00,000 equity shares of Rs.10/- each (Previous year 10,000,000,000 equity shares of Rs.10/- each)	0.00	0.00
005	**Issued,Subscribed and fully Paid-up**	**0.00**	**0.00**
006	9,69,66,66,134 equity shares of Rs.10/- (Pv. Year 9,894,557,280 equity shares of Rs.10/- each)	0.00	0.00
007		**0.00**	**0.00**
008	**Total**	**0.00**	**0.00**
009	During FY 2018-19, the company has issued 1,649,092,880 equity shares of Rs.10/- each as fully paid bonus shares	0.00	0.00
010	The holders of the equity shares are entitled to receive dividends as declared from time to time, and are entitled to one vote per share at meetings of the company.	0.00	0.00
011	Details of shareholders holding more than 5% shares in the company	0.00	0.00
012	- President of India	0.00	0.00
013	No. of Shares	0.00	0.00
014	% of holding	0.00	0.00
015	- Life Insurance Corporation of India/ICICI Prudential Mutual Fund	0.00	0.00
016	No. of Shares	0.00	0.00
017	% of holding	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 24 TO THE FS-EQUITY-OTHER EQUITY **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	RESERVE AND SURPLUS	0.00	0.00
002		**0.00**	**0.00**
003	**Capital Reserve**	**0.00**	**0.00**
004	As per last financial statements	0.00	0.00
006	Add : Grants received during the year	0.00	0.00
007	Add: Transfer from Surplus	0.00	0.00
008	Less: Write back during the year/period	0.00	0.00
009	Less: Adjustments during the year/period	0.00	0.00
010	**SUB-TOTAL**	**0.00**	**0.00**
011		0.00	0.00
017		0.00	0.00
018	**SECURITIES PREMIUM ACCOUNT**	**0.00**	**0.00**
019	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
020	ADD: ADDITIONS DURING THE YEAR/PERIOD	0.00	0.00
021	LESS: ADJUSTMENTS DURING THE YEAR/PERIOD	0.00	0.00
022	**SUB-TOTAL**	**0.00**	**0.00**
023	**BONDS REDEMPTION RESERVE**	**0.00**	**0.00**
024	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
025	ADD: TRANSFER FROM SURPLUS	0.00	0.00
026	LESS: TRANSFER TO SURPLUS ON REDEMPTION	0.00	0.00
027	LESS: ADJUSTMENTS DURING THE YEAR/ PERIOD	0.00	0.00
028	**SUB-TOTAL**	**0.00**	**0.00**
029	**CAPITAL REDEMPTION RESERVE**	**0.00**	**0.00**
030	As per last financial statements	0.00	0.00
031	Add: Transfer from Surplus	0.00	0.00
032	Less: Transfer to surplus on redemption	0.00	0.00
033	Less: Adjustments during the year/ period	0.00	0.00
034	**Sub-Total**	**0.00**	**0.00**
035	**Share Application money pending Allotment**	**0.00**	**0.00**
036	As per last financial statements	0.00	0.00
037	Add: Addition during the year	0.00	0.00
038	Less: Utlised for allotment during the year	0.00	0.00
039	Less: Adjustments during the year/ period	0.00	0.00
040	**SUB-TOTAL**	**0.00**	**0.00**
046	**FLY-ASH UTILISATION RESERVE FUND**	**0.00**	**0.00**
047	AS PER LAST FINANCIAL STATEMENTS	3,282,188,353.31	3,013,240,763.57
048	TRANSFERRED TO CC	0.00	-885,114,059.14
049	ADD:TRANSFER FROM REVENUE FROM OPERATIONS	1,187,076,244.38	1,154,061,648.88
050	ADD:TRANSFER FROM OTHER INCOME	0.00	0.00
051	LESS: UTILISED DURING THE YEAR	0.00	0.00
052	TANGIBLE ASSETS	0.00	0.00
053	EMPLOYEE BENEFIT EXPENSES	0.00	0.00
054	GENERATION,ADMN. AND OTHER EXPENSES	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 24 TO THE FS-EQUITY-OTHER EQUITY **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
055	TAX EXPENSES	0.00	0.00
056	**SUB-TOTAL**	**4,469,264,597.69**	**3,282,188,353.31**
057	Self Insurance Reserve	0.00	0.00
058	As per last financial statements	0.00	0.00
059	Add: Addition during the year	0.00	0.00
060	Less: Utlised for allotment during the year	0.00	0.00
061	Less: Adjustments during the year/ period	0.00	0.00
062	SUB-TOTAL	0.00	0.00
063	**SPECIAL ALLOWANCE RESERVE FUND**	**0.00**	**0.00**
064	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
065	ADD: ADDITION DURING THE YEAR	0.00	0.00
066	LESS: UTLISED FOR ALLOTMENT DURING THE YEAR	0.00	0.00
067	LESS: ADJUSTMENTS DURING THE YEAR/ PERIOD	0.00	0.00
068	**SUB-TOTAL**	**0.00**	**0.00**
069	**CORPORATE SOCIAL RESPONSIBILITY (CSR) RESERVE**	**0.00**	**0.00**
070	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
071	ADD : TRANSFER FROM SURPLUS	0.00	0.00
072	LESS:-WRITE BACK DURING THE YEAR	0.00	0.00
073	**SUB-TOTAL**	**0.00**	**0.00**
074	**GENERAL RESERVE**	**0.00**	**0.00**
075	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
076	ADD: TRANSFER FROM SURPLUS	0.00	0.00
077	LESS: TRANSFER TO SURPLUS	0.00	0.00
078	LESS: WRITE BACK DURING THE YEAR /PERIOD	0.00	0.00
079	LESS: ADJUSTMENTS DURING THE YEAR /PERIOD	0.00	0.00
080	**SUB-TOTAL**	**0.00**	**0.00**
081		**0.00**	**0.00**
082	**RETAINED EARNINGS**	**0.00**	**0.00**
083	AS PER LAST FINANCIAL STATEMENTS	138,998,447,005.72	131,436,451,477.61
084	ADD(LESS):-CHANGES IN ACCOUNTING POLICY / PRIOR PERIOD ERRORS	0.00	0.00
085	ADD(LESS):-PROFIT (LOSS) AFTER TAX FOR THE YEAR FROM STATEMENT OF PROFIT & LOSS	7,937,458,234.06	7,561,995,528.11
087	ADD: WRITE BACK FROM BOND REDEMPTION RESERVE	0.00	0.00
088	ADD: WRITE BACK FROM CAPITAL RESERVE	0.00	0.00
089	ADD: WRITE BACK FROM FOREIGN PROJECT RESERVE	0.00	0.00
090	ADD: WRITE BACK FROM CSR RESERVE	0.00	0.00
091	ADD: WRITE BACK FROM GENERAL RESERVE	0.00	0.00
093	LESS: TRANSFER TO BONDS REDEMPTION RESERVE	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 24 TO THE FS-EQUITY-OTHER EQUITY **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
094	LESS: TRANSFER TO SPECIAL ALLOWANCE RESERVE FUND	0.00	0.00
095	LESS: TRANSFER TO FOREIGN PROJECT RESERVE	0.00	0.00
096	LESS:TRANSFER TO CAPITAL RESERVE	0.00	0.00
097	LESS:TRANSFER TO CSR RESERVE	0.00	0.00
098	LESS:TRANSFER TO GENERAL RESERVE	0.00	0.00
099	LESS:INTERIM DIVIDEND PAID	0.00	0.00
100	LESS:TAX ON INTERIM DIVIDEND PAID	0.00	0.00
101	LESS:FINAL DIVIDEND PAID	0.00	0.00
102	LESS:TAX ON FINAL DIVIDEND PAID	0.00	0.00
103	LESS: ISSUE OF BONUS DEBENTURE	0.00	0.00
104	LESS: TAX ON ISSUE OF BONUS DEBENTURE	0.00	0.00
105	**SUB-TOTAL**	**146,935,905,239.78**	**138,998,447,005.72**
110		0.00	0.00
111	**REMEASUREMENT OF DEFINED BENEFIT PLANS**	**0.00**	**0.00**
112	AS PER LAST FINANCIAL STATEMENTS	-321,109,183.69	-285,119,740.93
113	ADD/(LESS):- ACTUARIAL GAINS/LOSS THROUGH OCI	11,271,357.32	-35,989,442.76
114	**SUB-TOTAL**	**-309,837,826.37**	**-321,109,183.69**
115		0.00	0.00
116	**FVTOCI Reserve**	**0.00**	**0.00**
117	AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
118	ADD(LESS):-NET GAIN/LOSS OF EQUITY INSTRUMENTS THROUGH OCI	0.00	0.00
119	**Sub-Total**	**0.00**	**0.00**
120		**0.00**	**0.00**
121	**Total Other equity**	**151,095,332,011.10**	**141,959,526,175.34**
122		0.00	0.00
123		0.00	0.00
124		0.00	0.00
125		0.00	0.00
126		0.00	0.00
127		0.00	0.00
128	The fly ash utilization reserve fund is controlled at Corporate Centre.	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 25 TO THE FS-NCL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**LONG TERM BORROWINGS**	**0.00**	**0.00**
002	**Bonds**	**0.00**	**0.00**
003	**Secured**	**0.00**	**0.00**
004	7.37 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3A).	0.00	0.00
005	7.62 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3 B).	0.00	0.00
006	8.61% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2034 (Fifty First Issue C - Private Placement)	0.00	0.00
007	8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3A)	0.00	0.00
008	8.91% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3B)	0.00	0.00
009	7.37% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 14th December 2031 (Sixty Sixth Issue - Private Placement)	0.00	0.00
010	7.49% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 7th November 2031 (Sixty Fourth Issue - Private Placement)	0.00	0.00
011	7.28 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series	0.00	0.00

	As at	31.03.2024	31.03.2023
	2A)		
012	7.53 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series 2 B).	0.00	0.00
013	7.32% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 17 July 2029 (Sixty Ninth Issue - Private Placement)	0.00	0.00
014	8.63% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2029 (Fifty First Issue B - Private Placement)	0.00	0.00
015	8.30% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 15 January 2029 (Sixty Seventh Issue - Private Placement)	0.00	0.00
016	8.48% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2A)	0.00	0.00
017	8.73% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2B)	0.00	0.00
018	7.47% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 16th September 2026 (Sixty Third Issue - Private Placement)	0.00	0.00
019	7.58% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in	0.00	0.00

	As at	31.03.2024	31.03.2023
	full on 23rd August 2026 (Sixty Second Issue - Private Placement)		
020	8.05% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 5th May 2026 (Sixtieth Issue - Private Placement)	0.00	0.00
021	8.19% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 15th December 2025 (Fifty Seventh Issue - Private Placement)	0.00	0.00
022	7.11 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1A).	0.00	0.00
023	7.36 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1 B).	0.00	0.00
024	7.15% Tax free secured non-cumulative non-convertible redeemable bonds - 2015 of Rs. 10,00,000/- each redeemable at par in full on 21st August 2025 (Fifty Fifth Issue - Private Placement)	0.00	0.00
025	9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 22nd September 2024 (53rd Issue - private placement).	0.00	0.00
026	9.34% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 24th March 2024 (Fifty Second Issue - private placement)	0.00	0.00
027	8.19% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 10,00,000/- each redeemable at	0.00	0.00

	As at	31.03.2024	31.03.2023
	par in full on 4th March 2024 (Fifty First Issue A - Private Placement)		
028	8.41% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1A)	0.00	0.00
029	8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1B)	0.00	0.00
030	9.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 4th May 2023 and ending on 4th May 2027 (Forty fourth issue - private placement)VII	0.00	0.00
031	8.48% Secured non-cumulative non-nonvertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 1st May 2023 (Seventeenth issue - private placement)I	0.00	0.00
032	8.80% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th April 2023 (Forty ninth issue -private placement	0.00	0.00
033	8.49% Secured non-cumulative non-convertible redeemable taxable fully paid-up bonus debentures of Rs. 12.50 each redeemable at par in three annual installments of Rs. 2.50, Rs. 5.00 and Rs. 5.00 at the end of 8th year, 9th year and 10th year on 25th March 2023, 25th March 2024 and 25th March 2025 respectively (Fifty Fourth Issue -Bonus Debentures)X - (refer Note 5 d)	0.00	0.00
034	8.73% Secured non-cumulative	0.00	0.00

	As at	31.03.2024	31.03.2023
	non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 07th March 2023 (Forty eighth issue - private placement)		
035	9.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 25th January 2023 and ending on 25th January 2027 (Forty second issue- private placement)III	0.00	0.00
036	8.84% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th October 2022 (Forty seventh issue- private placement)VII	0.00	0.00
037	7.93% Secured non-cumulative non-convertible redeemable taxable bonds of ` 10,00,000/- each redeemable at par in full on 03 May 2022 (68th Issue - Private Placement)	0.00	0.00
038	6.72% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 24th November 2021 (Sixty Fifth Issue - Private Placement)	0.00	0.00
039	8.10% Secured Non-Cumulative Non-Convertible Redeemable Taxable Bonds of Rs. 30,00,000/- each redeemable at par in three equal separately transferable redeemable principal parts (STRPP) at the end of 5th year, 10th year & 15th year on 27th May 2021, 27th May 2026 and 27th May 2031 respectively (Sixty First Issue- Private Placement)	0.00	0.00
040	8.33% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 24th February 2021	0.00	0.00

	As at	31.03.2024	31.03.2023
	(Fifty Ninth Issue - Private Placement).		
042	8.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 19th January 2021 Thirty seventh issue - private placement)III	0.00	0.00
043	8.18% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 31st December 2020 (Fifty Eight Issue - Private Placement).	0.00	0.00
044	8.73 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 31st March 2020 (Thirty third issue- private placement)III	0.00	0.00
045	8.78 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 9th March 2020 (Thirty first issue- private placement)III	0.00	0.00
046	11.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in five equal annual installments commencing from 6th Nov 2019 and ending on 6th Nov 2023 (Twenty seventh issue - private placement)III	0.00	0.00
047	7.89% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 5th May 2019 (Thirtieth issue - private placement)III	0.00	0.00
048	8.65% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th February 2019 (Twenty ninth issue - private placement)III	0.00	0.00
049	7.50% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full	0.00	0.00

	As at	31.03.2024	31.03.2023
	on 12th January 2019 (Nineteenth issue - private placement)II		
050	11% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21st November 2018 (Twenty eighth issue - private placement)III	0.00	0.00
051	9.3473% Secured non-cumulative non-convertible redeemable taxable bonds of ₹15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 20th July 2018 and ending on 20th July 2032 (Forty sixth issue - private placement)VII	0.00	0.00
052	9.4376% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 16th May 2018 and ending on 16th May 2032 (Forty fifth issue - private placement)VII	0.00	0.00
053	8.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 10th April 2018 (Sixteenth issue -private placement)I	0.00	0.00
054	9.2573% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 2nd March 2018 and ending on 2nd March 2032 (Forty third issue - private placement)III	0.00	0.00
055	9.6713% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

	As at	31.03.2024	31.03.2023
	of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 23rd December 2017 and ending on 23rd December 2031 (Forty first issue - private placement)III		
056	9.558% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 29th July 2017 and ending on 29th July 2031(Fourtieth issue-private placement)III	0.00	0.00
057	9.3896% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 9th June 2017 and ending on 9th June 2031(Thirty ninth issue-private placement)III	0.00	0.00
058	9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 22nd March 2017 and ending on 22nd March 2031(Thirty eighth issue-private placement)III	0.00	0.00
059	8.8086% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th	0.00	0.00

	As at	31.03.2024	31.03.2023
	year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th December 2016 and ending on 15th December 2030 (Thirty sixth issue - private placement)III		
060	8.785% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th September 2016 and ending on 15th September 2030 (Thirty fifth issue - private placement)III	0.00	0.00
061	8.71% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 10th June 2016 and ending on 10th June 2030 (Thirty fourth issue - private placement)III	0.00	0.00
062	8.8493% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 25th March 2016 and ending on 25th March 2030 (Thirty second issue - private placement)III	0.00	0.00
063	9.37% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty fifth issue -	0.00	0.00

	As at	31.03.2024	31.03.2023
	private placement)III		
065	9.06% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty sixth issue - private placement)III	0.00	0.00
066	8.6077% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 9th September 2011 and ending on 9th March 2021 (Twenty fourth issue - private placement)IV	0.00	0.00
067	8.3796% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 5th August 2011 and ending on 5th February 2021 (Twenty third issue - private placement)IV	0.00	0.00
068	8.1771% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd July 2011 and ending on 2nd January 2021 (Twenty second issue - private placement)IV	0.00	0.00
069	7.7125% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd August 2010 and ending on 2nd February 2020 (Twenty first issue - private placement)V	0.00	0.00
070	7.552% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

	As at	31.03.2024	31.03.2023
	of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 23rd September 2009 and ending on 23rd March 2019 (Twentieth issue - private placement)VI		
071	9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each with ten equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of the 6th year and in annual installments thereafter upto the end of 15th year respectively from 30th April 2002 (Thirteenth issue - Part B - private placement)VIII	0.00	0.00
072	9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each redeemable at par in ten equal annual installments commencing from the end of 6th year and upto the end of 15th year respectively from 18th April 2002 (Thirteenth issue -Part A - private placement)VIII	0.00	0.00
075		0.00	0.00
076		0.00	0.00
077		0.00	0.00
078		0.00	0.00
079		0.00	0.00
080		0.00	0.00
081		0.00	0.00
082	**Sub Total**	**0.00**	**0.00**
083	**Unsecured**	**0.00**	**0.00**
084	6.55% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 17 April 2023 (Seventieth Issue - Private Placement)	0.00	0.00
085	6.29% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 11 April 2031 (Seventy First Issue - Private Placement)	0.00	0.00
086	5.45% Unsecured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

	As at	31.03.2024	31.03.2023
	of ₹ 10,00,000/- each redeemable at par in full on 15 October 2025 (Seventy Second Issue - Private Placement)		
087	6.43% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 27 January 2031 (Seventy Third Issue - Private Placement)	0.00	0.00
088	6.87% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21 April 2036 (Seventy Fourth Issue - Private Placement)	0.00	0.00
089	6.69% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 13 September 2031 (Seventy Fifth Issue - Private Placement)	0.00	0.00
090	6.74% Unsecured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 14 April 2032 (Seventy Sixth Issue - Private Placement)	0.00	0.00
091	5.78% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 29 April 2024 (Seventy Seventh Issue - Private Placement)	0.00	0.00
092	7.44% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 25 August 2032 (Seventy Eighth Issue - Private Placement)	0.00	0.00
093	7.44% Unsecured non-cumulative non-convertible redeemable taxable bonds of ` 10,00,000/- each redeemable at par in full on 15 April 2033 (Seventy Ninth Issue - Private Placement)	0.00	0.00
094	7.35% Unsecured non-cumulative non-convertible redeemable taxable bonds of ` 1,00,000/- each redeemable at par in full on 17 April 2026 (Eightieth Issue - Private Placement)	0.00	0.00
095	7.48% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 1,00,000/- each redeemable at par in full on 21 March 2026 (Eighty First Issue - Private Placement)	0.00	0.00
096		0.00	0.00
097		0.00	0.00
098		0.00	0.00
099		0.00	0.00
100	**Sub-total**	**0.00**	**0.00**
101	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 25 TO THE FS-NCL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
102	**Foreign Currency Notes-Unsecured**	**0.00**	**0.00**
103	4.50% Fixed Rate Notes Due for repayment on 19th March 2028	0.00	0.00
104	2.75% Fixed rate notes due for repayment on 1st February 2027	0.00	0.00
105	4.25 % Fixed rate notes due for repayment on 26th February 2026	0.00	0.00
106	4.375% Fixed Rate Note due for repayment on 26th November 2024	0.00	0.00
107	4.75 % Fixed Rate Notes due for repayment on 3rd Oct 2022	0.00	0.00
108	7.25 % Fixed green global INR denominated bonds due on 3 May 2022	0.00	0.00
109	7.375 % Fixed green global INR denominated bonds due on 10 August 2021	0.00	0.00
110	5.625% Fixed Rate Notes due for repayment on 14th July 2021	0.00	0.00
111	3.75 % Fixed rate notes due for repayment on 03 April 2024	0.00	0.00
112		0.00	0.00
113		0.00	0.00
114		0.00	0.00
115	**Sub Total**	**0.00**	**0.00**
116	**Term Loans**	**0.00**	**0.00**
117	**From Banks**	**0.00**	**0.00**
118	**Secured**	**0.00**	**0.00**
119	Rupee Loans	0.00	0.00
120	**Unsecured**	**0.00**	**0.00**
121	Foreign Currency Loans	0.00	0.00
122	Rupee Loans	0.00	0.00
123	**From Others**	**0.00**	**0.00**
124	**Secured**	**0.00**	**0.00**
125	Rupee Loans	0.00	0.00
126	Foreign Currency loans (guaranteed by GOI)	0.00	0.00
127	**Unsecured**	**0.00**	**0.00**
128	Foreign Currency loans (guaranteed by GOI)	0.00	0.00
129	Other Foreign currency loans	0.00	0.00
131	Rupee Loans	0.00	0.00
132	**Deposits**	**0.00**	**0.00**
133	**Unsecured**	**0.00**	**0.00**
134	Fixed Deposits	0.00	0.00
135	**Others**	**0.00**	**0.00**
136	**Unsecured**	**0.00**	**0.00**
137	Bonds Application Money Pending Allotment	0.00	0.00
138	**Sub-total**	**0.00**	**0.00**
139	**Total**	**0.00**	**0.00**
140	Less:- Interst accrued but not due on secured	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 25 TO THE FS-NCL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
	borrowings		
141	Less:- Interst accrued but not due on unsecured borrowings	0.00	0.00
142	Less:- Current maturities of long term borrowings	0.00	0.00
143	Bonds-Secured	0.00	0.00
144	Fixed Rate Notes	0.00	0.00
146	Foreign currency loans from Banks- unsecured	0.00	0.00
147	Rupee loans from banks- Secured	0.00	0.00
148	Rupee loans from banks- unsecured	0.00	0.00
149	Rupee Term loan from Others - Secured	0.00	0.00
150	Foreign currency loans from others- unsecured (Guaranteed by GOI)	0.00	0.00
151	Other foreign currency loans from others- unsecured	0.00	0.00
152	Rupee loans from others- unsecured	0.00	0.00
153		0.00	0.00
154		0.00	0.00
155		0.00	0.00
156		0.00	0.00
157		0.00	0.00
158		0.00	0.00
159		0.00	0.00
160		0.00	0.00
161		0.00	0.00
201	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 26 TO THE FS-NCL-LEASE LIABILITIES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**Non-current financial liabilities - Lease liabilities**	**0.00**	**0.00**
002	**Lease liabilities**	**0.00**	**0.00**
003	Long term maturities of Finance Lease Liabilities (Secured) IX	0.00	0.00
004	Long term maturities of Finance Lease Liabilites (Unsecured) X	0.00	0.00
005	**Sub-Total**	**0.00**	**0.00**
006	**Less: current maturities of lease liabilities**	**0.00**	**0.00**
007	Finance Lease obligations - secured	0.00	0.00
008	Finance Lease obligations - unsecured	0.00	0.00
009	**Sub-Total**	**0.00**	**0.00**
011	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 27 TO THE FS-NCL-TRADE PAYABLES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**TRADE PAYABLES(NON CURRENT)**	**0.00**	**0.00**
002	**For Goods and Services**	**0.00**	**0.00**
003	- Micro & Small Enterprises	0.00	0.00
004	- Others	0.00	0.00
005		0.00	0.00
007	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 28 TO THE FS-NCL-OTHER FINANCIAL LIABILITIES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**OTHER FINANCIAL LIABILITIES (NON-CURRENT)**	**0.00**	**0.00**
002	Payable for Capital Expenditure	0.00	0.00
003	- Micro & Small Enterprises	275,825.65	94,861.03
004	- Others	1,932,315.30	5,458,528.97
005	Contractual Obligations	14,468,405.96	9,830,199.81
006	Others	0.00	0.00
007	Deposits from contractors and others	0.00	0.00
008		0.00	0.00
009		0.00	0.00
011	**Total**	**16,676,546.91**	**15,383,589.81**
020		0.00	0.00
021	**Payable for Capital Expenditure - SD/retntion**	**0.00**	**0.00**
022	- Micro & Small Enterprises	246,015.45	94,861.03
023	- Others	1,733,933.43	3,541,218.17
024	**Sub-total**	**1,979,948.88**	**3,636,079.20**
025	**Contractual Obligations**	**0.00**	**0.00**
026	- Micro & Small Enterprises	7,353,243.84	2,244,006.91
027	- Others	7,115,162.12	7,586,192.90
028	**Sub-total**	**14,468,405.96**	**9,830,199.81**
029	**Total (24+28)**	**16,448,354.84**	**13,466,279.01**
030		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 29 TO THE FS-NCL-PROVISIONS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**LONG TERM PROVISIONS**	**0.00**	**0.00**
002	**Provision for Employee Benefits**	**0.00**	**0.00**
003	Opening Balance	0.00	0.00
004	Additions/ (adjustments) during the year	0.00	0.00
005	**Closing Balance**	**0.00**	**0.00**
006		0.00	0.00
007	**Others**	**0.00**	**0.00**
008	**i) Mine Closure Provision**	**0.00**	**0.00**
009	Opening Balance	0.00	0.00
010	Additions during the year	0.00	0.00
011	Amounts adjusted during the year	0.00	0.00
012	Amounts reversed during the year	0.00	0.00
013	**Closing Balance**	**0.00**	**0.00**
014		0.00	0.00
015	**ii) Stripping Activity Adjustments**	**0.00**	**0.00**
016	Opening Balance	0.00	0.00
017	Additions during the year	0.00	0.00
018	Amounts adjusted during the year	0.00	0.00
019	Amounts reversed during the year	0.00	0.00
020	**Closing Balance**	**0.00**	**0.00**
021		0.00	0.00
024		0.00	0.00
026	**TOTAL**	**0.00**	**0.00**

NOTE NO. 30 TO THE FS-NCL-DEFERRED TAX LIABILITIES (NET) **(Amount in ₹)**

	As at	Opening Balance on 01.04.2023	Addition	Closing Balance on 31.03.2024
001	**DEFERRED TAX LIABILITIES (NET)**			
002	Difference of book depreciation and tax depreciation	0.00	0.00	0.00
003	Less: Deferred tax assets			
004	Provisions & Other disallowances for tax purposes	0.00	0.00	0.00
005	Unabsorbed Depreciation	0.00	0.00	0.00
006	Disallowances u/s 43B of the Income Tax Act, 1961	0.00	0.00	0.00
007	Others	0.00	0.00	0.00
008	Opening Balance	0.00	0.00	0.00
009	Additions during the year	0.00	0.00	0.00
010	Amounts adjusted during the year	0.00	0.00	0.00
011	Amounts reversed during the year	0.00	0.00	0.00
012	Closing Balance	0.00	0.00	0.00
013	MAT credit entitlement	0.00	0.00	0.00
014	**Total**	**0.00**	**0.00**	**0.00**
016		0.00	0.00	0.00
017	**Total**	**0.00**	**0.00**	**0.00**
018	Breakup of deferred tax assets	0.00	0.00	0.00
019	Provision	0.00	0.00	0.00
020	Statutory dues	0.00	0.00	0.00
021	Leave encashment	0.00	0.00	0.00
022	Others	0.00	0.00	0.00
023		0.00	0.00	0.00
024		0.00	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 31 TO THE FS-NCL-OTHER NON-CURRENT LIABILITIES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	Other Non current Liabilities	0.00	0.00
002	Advances from customers and others	0.00	0.00
003	Deposits from contractors and others	0.00	0.00
004	Grants	0.00	0.00
006		0.00	0.00
007	**TOTAL**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 32 TO THE FS-CL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**Short Term Borrowings**	**0.00**	**0.00**
002	**Loans repayable on demand**	**0.00**	**0.00**
003	**From Banks**	**0.00**	**0.00**
004	**Secured**	**0.00**	**0.00**
005	Cash Credit	0.00	0.00
006	**Unsecured**	**0.00**	**0.00**
007	Cash Credit	0.00	0.00
008	**Other loans-unsecured**	**0.00**	**0.00**
009	Commercial Papers	0.00	0.00
010	Less: Unamortised discount on Commercial Papers	0.00	0.00
011	**Sub-Total**	**0.00**	**0.00**
012	**Current maturity of long term borrowings**	**0.00**	**0.00**
013	Bonds-Secured	0.00	0.00
014	Foreign Currency Fixed Rate Notes	0.00	0.00
015	**From Banks**	**0.00**	**0.00**
016	**Secured**	**0.00**	**0.00**
017	Rupee Term Loan	0.00	0.00
018	Foreign currency loans	0.00	0.00
019	**Unsecured**	**0.00**	**0.00**
020	Foreign currency loans	0.00	0.00
021	Rupee term loans	0.00	0.00
022	**From Others**	**0.00**	**0.00**
023	**Secured**	**0.00**	**0.00**
024	Rupee Term Loan	0.00	0.00
025	**Unsecured**	**0.00**	**0.00**
026	Foreign currency loans (Guaranteed by Government of India)	0.00	0.00
027	Other foreign currency loans	0.00	0.00
028	Rupee term loans	0.00	0.00
029	Fixed deposits	0.00	0.00
030	Bill discounted	0.00	0.00
031		0.00	0.00
032	Sub Total	0.00	0.00
034		0.00	0.00
035	**TOTAL**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 33 TO THE FS-CL-LEASE LIABILITIES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**Current financial liabilities - Lease liabilities**	**0.00**	**0.00**
002	Current maturity of finance lease obligations (secured)	0.00	0.00
003	Current maturity of finance lease obligations (unsecured)	0.00	0.00
005	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 34 TO THE FS-CL-TRADE PAYABLES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**TRADE PAYABLES**	**0.00**	**0.00**
002	For Goods and Services	0.00	0.00
003	- Micro & Small Enterprises	233,394,365.95	50,913,186.01
004	- Others	3,869,248,126.44	7,182,551,316.27
005		0.00	0.00
007	**Total**	**4,102,642,492.39**	**7,233,464,502.28**
008		0.00	0.00
172	**Trade payable**	**0.00**	**0.00**
173	**MSME**	**0.00**	**0.00**
174	Unbilled	128,760,849.30	36,603,642.01
175	Not due	0.00	0.00
176	**Due**	**104,633,516.65**	**14,309,544.00**
177	Disputed	0.00	0.00
178	Undisputed	104,633,516.65	14,309,544.00
179		0.00	0.00
180	**Sub-total (A)**	**233,394,365.95**	**50,913,186.01**
181		0.00	0.00
182	**Others**	**0.00**	**0.00**
183	Unbilled	1,092,438,668.31	1,701,370,931.44
184	Not due	0.00	0.00
185	**Due**	**2,776,809,458.13**	**5,481,180,384.83**
186	Disputed	0.00	0.00
187	Undisputed	2,776,809,458.13	5,481,180,384.83
188		0.00	0.00
189	**Sub-total (B)**	**3,869,248,126.44**	**7,182,551,316.27**
190		0.00	0.00
191	**Total**	**4,102,642,492.39**	**7,233,464,502.28**
192		0.00	0.00
193	**Ageing**	**0.00**	**0.00**
194	**MSME**	**0.00**	**0.00**
195	**Disputed**	**0.00**	**0.00**
196	Less than 1 year	0.00	0.00
197	1-2 years	0.00	0.00
198	2-3 years	0.00	0.00
199	More than 3 years	0.00	0.00
200	**Sub Total (I)**	**0.00**	**0.00**
201		0.00	0.00
202	**Undisputed**	**0.00**	**0.00**
203	Less than 1 year	104,633,516.65	14,309,544.00
204	1-2 years	0.00	0.00
205	2-3 years	0.00	0.00
206	More than 3 years	0.00	0.00
207	**Sub Total (II)**	**104,633,516.65**	**14,309,544.00**
208		0.00	0.00
209	**Total MSME (III)**	**104,633,516.65**	**14,309,544.00**
210		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 34 TO THE FS-CL-TRADE PAYABLES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
211	**Others**	**0.00**	**0.00**
212	**Disputed**	**0.00**	**0.00**
213	Less than 1 year	0.00	0.00
214	1-2 years	0.00	0.00
215	2-3 years	0.00	0.00
216	More than 3 years	0.00	0.00
217	**Sub Total (IV)**	**0.00**	**0.00**
218		0.00	0.00
219	**Undisputed**	**0.00**	**0.00**
220	Less than 1 year	2,102,199,817.00	4,498,108,338.54
221	1-2 years	428,880,232.70	961,892,773.90
222	2-3 years	187,553,548.80	8,581,044.78
223	More than 3 years	58,175,859.39	12,598,227.61
224	**Sub Total (V)**	**2,776,809,457.89**	**5,481,180,384.83**
225		0.00	0.00
226	**Total Others (VI)**	**2,776,809,457.89**	**5,481,180,384.83**

NATIONAL CAPITAL POWER STATION

NOTE NO. 35 TO THE FS-CL-OTHER FINANCIAL LIABILITIES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**OTHER FINANCIAL LIABILITIES (CURRENT)**	**0.00**	**0.00**
020	Interest accrued but not due on Unsecured Short Term Borrowing	0.00	0.00
021	Interest accrued but not due on secured borrowings	0.00	0.00
022	Interest accrued but not due on unsecured borrowings	0.00	0.00
023	Unpaid Dividends*	0.00	0.00
024	Unpaid matured deposits and interest accrued thereon*	0.00	0.00
025	Unpaid matured bonds and interest accrued thereon*	0.00	0.00
026	Unpaid bond refund money-Tax free bonds *	0.00	0.00
027	Book Overdraft	0.00	0.00
028	Payable to Customers	0.00	0.00
029	Liability under forward exchange contact	0.00	0.00
030	Hedging cost payable to beneficiaries	0.00	0.00
031	Derivative MTM Liability	0.00	0.00
032	**Payable for Capital Expenditure**	**0.00**	**0.00**
033	- Micro & Small Enterprises	45,337,119.79	46,582,838.75
034	- Others	1,125,273,709.68	1,956,603,159.14
035	Contractual Obligations	1,931,506,734.51	3,413,103,680.12
036	**Others Payables**	**0.00**	**0.00**
037	Deposits from contractors and others	168,367,297.60	151,404,460.55
038	Gratuity Obligations	0.00	0.00
039	Payable to employees	44,088,589.50	26,739,532.10
040	Payable to holding company	0.00	0.00
041	Retention on A/c BG encashment (Solar)	0.00	0.00
042	Payable to Solar Payment Security Account	0.00	0.00
043	Others **	154,106,387.14	233,531,818.82
044	Unspent CSR balance on ongoing Approved CSR projects	0.00	0.00
046		0.00	0.00
047		0.00	0.00
048	**Total**	**3,468,679,838.22**	**5,827,965,489.48**
049	* Represents the amounts which have not been claimed by the investor/holders of the bonds/fixed deposits. Out of the above, no amount is due for payment to Investor Education and Protection Fund.	0.00	0.00
050	** Include Payable to Hospital and other payable.	0.00	0.00
051	**Payable for Capital Expenditure - SD/retntion**	**0.00**	**0.00**
052	- Micro & Small Enterprises	27,379,435.00	17,010,269.00
053	- Others	274,963,307.49	216,418,895.87
054	**Sub-total**	**302,342,742.49**	**233,429,164.87**
055	**Contractual Obligations**	**0.00**	**0.00**
056	- Micro & Small Enterprises	74,669,804.93	26,793,466.00
057	- Others	1,856,836,929.58	3,386,310,214.12

NATIONAL CAPITAL POWER STATION

NOTE NO. 35 TO THE FS-CL-OTHER FINANCIAL LIABILITIES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
058	**Sub-total**	**1,931,506,734.51**	**3,413,103,680.12**
059	**Total**	**2,233,849,477.00**	**3,646,532,844.99**
060		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 36 TO THE FS-CL-OTHER CURRENT LIABILITIES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**OTHER CURRENT LIABILITIES**	**0.00**	**0.00**
002	Advances from customers and others	300,401,139.06	233,392,873.97
003	Deferred discount on forward exchange contact	0.00	0.00
004	Tax deducted at source and other statutory dues	168,327,665.71	134,446,589.02
005	Deposits from contractors and others	0.00	0.00
006	Government grants	0.00	0.00
007	Others	0.00	0.00
009		0.00	0.00
010		0.00	0.00
011	**Total**	**468,728,804.77**	**367,839,462.99**

NATIONAL CAPITAL POWER STATION

NOTE NO. 37 TO THE FS-CL-PROVISIONS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**SHORT TERM PROVISIONS**	**0.00**	**0.00**
002	**Provision for Employee Benefits**	**0.00**	**0.00**
003	Opening balance	0.00	0.00
004	Additions/ (adjustments) during the year	0.00	0.00
005	**Closing Balance**	**0.00**	**0.00**
028	**Provisions for Obligations Incidental to Land Acquisition**	**0.00**	**0.00**
029	Opening balance	0.00	0.00
030	Additions during the year	0.00	0.00
031	Amounts paid during the year	0.00	0.00
032	Amounts reversed during the year	0.00	0.00
033	**Closing Balance**	**0.00**	**0.00**
035	**Provision for Tariff Adjustment**	**0.00**	**0.00**
036	Opening balance	0.00	0.00
037	Additions during the year	0.00	0.00
038	Amounts adjusted during the year	0.00	0.00
039	Amounts reversed during the year	0.00	0.00
040	**Closing Balance**	**0.00**	**0.00**
042	**Provision for shortage in Fixed Assets Pending Investigation & Others**	**0.00**	**0.00**
043	Opening balance	6,310,836.31	0.00
044	Additions during the year	0.00	6,310,836.31
045	Amounts adjusted during the year	1,071,463.17	0.00
046	Amounts reversed during the year	4,349,042.06	0.00
047	**Closing Balance**	**890,331.08**	**6,310,836.31**
048	**Provision for Arbitration**	**0.00**	**0.00**
049	Opening balance	50,479,147.78	37,030,944.78
050	Additions during the year	-26,912,706.72	13,448,203.00
051	Amounts used during the year	0.00	0.00
052	Amounts reversed during the year	0.00	0.00
053	**Closing Balance**	**23,566,441.06**	**50,479,147.78**
054	**Others**	**0.00**	**0.00**
055	Opening balance	0.00	0.00
056	Additions during the year	0.00	0.00
057	Amounts used during the year	0.00	0.00
058	Amounts reversed during the year	0.00	0.00
059	**Closing Balance**	**0.00**	**0.00**
102		0.00	0.00
104	**Total**	**24,456,772.14**	**56,789,984.09**

NATIONAL CAPITAL POWER STATION

NOTE NO. 38 TO THE FS-CL-CURRENT TAX LIABILITIES (NET) **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**Current liabilities - current tax liabilities (net)**	**0.00**	**0.00**
002	Opening balance	0.00	0.00
003	Additions during the year	0.00	0.00
004	Amounts adjusted during the year	0.00	0.00
005	Less: Set off against taxes paid	0.00	0.00
007		0.00	0.00
008	**Closing Balance**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 39 TO THE FS--DEFERRED REVENUE **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	**Deferred Revenue**	**0.00**	**0.00**
002	On account of advance against depreciation	0.00	0.00
003	On account of income from foreign currency fluctuation	85,880,000.00	91,930,000.00
004	Government grants	0.00	0.00
007		0.00	0.00
008		0.00	0.00
009	**TOTAL**	**85,880,000.00**	**91,930,000.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 39A TO THE FS--REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	Regulatory deferral account credit balances	0.00	0.00
002	Exchange Differences	0.00	0.00
003		0.00	0.00
005	**Total**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 40 TO THE FS--REVENUE FROM OPERATIONS **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
001	**REVENUE FROM OPERATIONS**	**0.00**	**0.00**
002	**Sales**	**0.00**	**0.00**
003	Energy Sales (including Electricity Duty)	61,103,709,675.38	66,576,778,923.59
004	Less : Advance against depreciation deferred (net)	0.00	0.00
005	Add: Revenue recognized out of advance against depreciation	0.00	0.00
006	Add : Exchange fluctuation receivable from customers	0.00	0.00
007	Sale of energy through trading	0.00	0.00
008	Commission (NVVN)	0.00	0.00
009	**Sub total**	**61,103,709,675.38**	**66,576,778,923.59**
010	Less: Rebate to customers	814,891,307.00	915,723,122.46
011	**Energy Sales (Total)**	**60,288,818,368.38**	**65,661,055,801.13**
012	Consultancy, project management and supervision fees	0.00	0.00
013	Lease rentals on assets on Operating lease	0.00	0.00
014	Sale of Captive Coal	0.00	0.00
015	Intra Company Elimination	0.00	0.00
017	**Sub-total**	**0.00**	**0.00**
018	**Total - Sales**	**60,288,818,368.38**	**65,661,055,801.13**
019	Sale of fly ash/ash products	1,187,076,244.38	1,154,061,648.88
020	Less: Transferred to fly ash utilisation reserve fund	-1,187,076,244.38	-1,154,061,648.88
021	**Sub-total**	**0.00**	**0.00**
022	**Other Operating Income**	**0.00**	**0.00**
023	Interest from customers	796,770,698.00	249,104,452.00
024	Energy Internally Consumed *	77,196,022.00	89,594,340.00
025	Interest income on Assets under finance lease	0.00	0.00
026	Recognized from deferred revenue - government grant	0.00	0.00
027	Provision written back- Tariff Adjustment	0.00	0.00
028	Income form Trading of ESCerts	17,974,725.99	15,914,394.01
029	Income from E-Mobility Business & others	0.00	0.00
030	Others	0.00	0.00
032		0.00	0.00
033		0.00	0.00
034	**Total**	**61,180,759,814.37**	**66,015,668,987.14**
040	* Valued at variable cost of generation and corresponding amount included in power charges (Note No. 42)	0.00	0.00
041	Excise duty on sale of flyash,cenospere & ash products	0.00	0.00
042	Energy sales of principal nature (NVVN)	0.00	0.00
043	Energy sales of agency nature (NVVN)	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 41 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
001	**OTHER INCOME**	**0.00**	**0.00**
002	**Interest from**	**0.00**	**0.00**
004	**Financial assets at amortised cost**	**0.00**	**0.00**
005	Government Securities (8.5% Tax Free Bonds issued by the State Goverments)	0.00	0.00
006	Other Bonds	0.00	0.00
007	Non current Trade Receivable	0.00	0.00
008	Interest from Government of India Securties-Non-Trade	0.00	0.00
009	Less: Amortziation of premium	0.00	0.00
010	**Sub Total**	**0.00**	**0.00**
011	Interest from others	0.00	0.00
012	Loan to State Government in settlement of dues from customers	0.00	0.00
013	Loan to Subsidiary Companies	0.00	0.00
014	Loan to Employees	29,996,165.77	27,486,400.01
015	Deposit with banks	0.00	0.00
016	Foreign Banks	0.00	0.00
017	Interest from Contractors	0.00	13,411,733.00
018	Interest from Income Tax Refunds	0.00	0.00
019	Less : Refundable to Customers	0.00	0.00
020	**Sub Total**	**0.00**	**0.00**
021	Deposits with banks-flyash utilisation reserve fund	0.00	0.00
022	Less: transferred to flyash utilisation reserve fund	0.00	0.00
023	**Sub Total**	**0.00**	**0.00**
024	Deposits with banks- DDUGJY funds	0.00	0.00
025	Interest from Contractors- DDUGJY funds	0.00	0.00
026	Transfer to DDUGJY-Advance from customers	0.00	0.00
027	Sub-total	0.00	0.00
030	Others	38,768.04	-2,867,336.00
031	Other investments in Joint venture companies	0.00	0.00
032	**Dividend from**	**0.00**	**0.00**
033	**Longterm investments in**	**0.00**	**0.00**
034	Subsidiaries	0.00	0.00
035	Joint Ventures	0.00	0.00
036	Equity Instruments	0.00	0.00
037	**Current Investments in**	**0.00**	**0.00**
038	Mutual Funds measured at fairvalue through profit or loss	0.00	0.00
039	Current investments in mutual funds-flyash utilisation reserve fund	0.00	0.00
040		0.00	0.00
041	Less: transferred to flyash utilisation reserve fund	0.00	0.00
042	Lease Rent # Ash Brick Plant	0.00	0.00
043	Less: transferred to flyash utilisation reserve fund	0.00	0.00
044	Other non-operating income	190.00	0.00
045	Profit on disposal of PPE	111,041,205.16	25,706.84

NATIONAL CAPITAL POWER STATION

NOTE NO. 41 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
046	Profit on redemption of GOI securities	0.00	0.00
047	Net gain on sale of investments	0.00	0.00
048	Surcharge received from customers	6,744,422.00	43,301,453.00
049	Hire charges for equipment	0.00	0.00
050	Gain on option contract / Discount on F.ExchContract	0.00	0.00
051	Lease rent from investment property	0.00	0.00
052	Provision written back-others	33,054,984.78	4,782,386.66
053	Fair value gains/(losses) on investments in mutual funds at fair value through profit or loss	0.00	0.00
054	Interest from Solar payment security account	0.00	0.00
055	Less : Transferred to SPSA fund	0.00	0.00
056	Interest on "Retention on A/c BG encashment (Solar)"	0.00	0.00
057	Less : Transferred to "Retention on A/c BG encashment (Solar)"	0.00	0.00
058		0.00	0.00
059		0.00	0.00
060		0.00	0.00
061	Miscellaneous Income	294,203,412.16	245,348,294.28
062	**Total**	**475,079,147.91**	**331,488,637.79**
063	Less:Transferred to Development of Coal Mines-Note 47A	0.00	0.00
064	Less:Transferred to Expenditure during Construction period (net)- Note 47	0.00	19,812.00
065	Less: Others	0.00	0.00
066	Less:Transferred to payable to Govt. of Jharkhand	0.00	0.00
068		0.00	0.00
069		0.00	0.00
070	**Total**	**475,079,147.91**	**331,468,825.79**
071		0.00	0.00
101	**Details of Miscellaneous Income**	**0.00**	**0.00**
102	Vehicle Hire Charges.	112,000.00	135,559.60
103	Sale of by products & residuals	0.00	0.00
104	Township recoveries(exl. Hospital Recoveries).	68,642,013.14	215,620,350.73
105	Depreciation written back	0.00	0.00
106	Sale of Scrap.	126,156,947.44	99,543,580.24
107	Receipt under loss of profit policy.	0.00	0.00
108	Receipts under MBD/Fire Policy.	-1,275,557.00	1,275,557.00
109	Management development programme.	433,300.00	395,200.00
110	Management Fee - Misc (NVVN)	0.00	0.00
111	Others	100,134,708.58	-71,621,953.29
112		0.00	0.00
113		0.00	0.00
114	**Total (Miscellaneous Income)**	**294,203,412.16**	**245,348,294.28**
115		0.00	0.00
131	**Details of Provision written back others**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 41 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
132	Doubtful debts	0.00	0.00
133	Doubtful Loans, Advances and Claims	0.00	0.00
134	Doubtful Construction Advances	0.00	0.00
135	Shortage in Construction Stores	0.00	0.00
136	Shortage in Stores	316,159.00	3,448,784.00
137	Obsolescence in Stores	1,040.00	1,333,602.66
138	Unserviceable capital works	0.00	0.00
139	Other Obligation including Arbitration	28,388,743.72	0.00
140	Shortage in Fixed Assets	4,349,042.06	0.00
141	Diminution in value of Investment	0.00	0.00
142		0.00	0.00
143		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 42 TO THE FS--FUEL COST **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
001	**FUEL COST**	**0.00**	**0.00**
002	Coal	0.00	0.00
003	Captive	0.00	0.00
004	Other than captive	43,980,865,878.63	49,712,301,666.05
005	Gas	0.00	0.00
006	Naptha	0.00	0.00
007	Oil	431,596,487.19	342,310,189.65
008	Biomass Pellets & Others	1,201,579,242.98	460,717,230.46
009		0.00	0.00
010		0.00	0.00
011	**Total**	**45,614,041,608.80**	**50,515,329,086.16**
012		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 43 TO THE FS--EMPLOYEE BENEFITS EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
001	**EMPLOYEE BENEFITS EXPENSE**	**0.00**	**0.00**
002	Salaries and wages	2,373,191,542.84	2,159,930,461.32
003	Contribution to provident and other funds	387,656,233.58	298,176,218.29
004	Unwinding of deferred payroll expense	16,481,615.29	16,638,680.47
005	Staff welfare expenses	383,421,886.14	326,602,754.71
006	Less : Expenses transferred to Consultancy group	0.00	0.00
007		0.00	0.00
008	**Sub Total**	**3,160,751,277.85**	**2,801,348,114.79**
009	Less: Employee benefits expense allocated to fuel inventory	146,909,773.57	131,331,307.66
010	Less: Transferred/Allocated to development of coal mines - Note 47A	0.00	0.00
011	Less: Others	0.00	0.00
012	Less: Transferred to fly ash utilisation reserve fund	0.00	0.00
013	Less: Transferred to CSR Expenses	0.00	0.00
014	Reimbursements for employees on secondment	19,314.00	0.00
015	Less: Transferred to expenditure during construction period (net)- Note 47	45,721,029.26	55,506,727.67
016	Less: Transfer to Govt of Jharkhand A/c as recoverable	0.00	0.00
018		0.00	0.00
019	**TOTAL**	**2,968,101,161.02**	**2,614,510,079.46**
020	**Managerial Remuneration paid/ payable to Directors included above (except for Directors fee which is included in Note 42)**	**0.00**	**0.00**
021	Salaries and wages	0.00	0.00
022	Contribution to provident and other funds	0.00	0.00
023	Staff welfare expenses	0.00	0.00
024	Directors fee	0.00	0.00
025		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 44 TO THE FS--FINANCE COSTS **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
001	**FINANCE COSTS**	**0.00**	**0.00**
002	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
003	Bonds	437,310,687.94	516,362,242.00
004	Government of India Loans	0.00	0.00
005	Foreign currency term loans	15,371,665.54	13,203,175.33
006	Rupee term loans	252,432,935.00	231,754,051.00
007	Public deposits	0.00	0.00
008	Foreign currency bonds/notes	0.00	0.00
009	Cash Credit	0.00	0.00
010	Unwinding of discount on account of vendor liabilities	3,249,358.29	1,953,893.81
011	Commercial Papers	0.00	0.00
012	**Sub Total**	**708,364,646.77**	**763,273,362.14**
013	Interest on non financial items	5,677.00	-617.08
014	**Other Borrowing Costs**	**0.00**	**0.00**
015	Bonds servicing & public deposit exp.	584,684.81	636,162.03
016	Guarantee fee	0.00	0.00
017	Management fee	0.00	0.00
018	Committ charges/exposure premium	0.00	-87,157.68
019	Bond issue expenses	0.00	0.00
020	Legal exp on foreign currency loans	0.00	0.00
021	Foreign currency bonds/notes exp.	0.00	0.00
022	Up-front fee	0.00	0.00
023	Insurance premium on foreign currency loans	0.00	0.00
024		0.00	0.00
025	Others	0.00	0.00
026	**Sub Total (Other Borrowing cost)**	**590,361.81**	**548,387.27**
027		0.00	0.00
028	**Exchange differences regarded as an adjustment to borrowing costs**	**317,156.28**	**2,623,963.63**
029	**Sub Total**	**709,272,164.86**	**766,445,713.04**
030	Less: Transferred to Expenditure during construction period (net) - Note 47	16,712,780.73	58,347,038.61
031	Less: Transferred to development of coal mines-Note 47A	0.00	0.00
032		0.00	0.00
034	**Total**	**692,559,384.13**	**708,098,674.43**

NATIONAL CAPITAL POWER STATION

NOTE NO. 45 TO THE FS--DEPRECIATION, AMORTIZATION AND IMPAIRMENT EXPENSES **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
001	**Depreciation, amortization and impairment expenses**	**0.00**	**0.00**
002	On property, plant and equipment- Note 2	1,960,501,563.84	2,433,633,118.71
003	On investment property- Note 2A	0.00	0.00
004	On intangible assets- Note 4	100,125,131.37	100,520,604.51
005		0.00	0.00
006	Sub-total	2,060,626,695.21	2,534,153,723.22
007	Less:	0.00	0.00
008	Allocated to fuel inventory	121,645,349.86	137,067,057.17
009	Transferred to Expenditure during Construction Period (net)- Note 47	0.00	0.00
010		0.00	0.00
011	Transferred/Allocated to development of coal mines - Note 47A	0.00	0.00
012	Adjustment with deferred revenue from deferred foreign currency fluctuation	6,050,000.00	19,329,000.00
013		0.00	0.00
015	**Total**	**1,932,931,345.35**	**2,377,757,666.05**

NATIONAL CAPITAL POWER STATION

NOTE NO. 46 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
001	**OTHER EXPENSES**	**0.00**	**0.00**
002	Power charges	115,820,590.89	79,643,618.54
003	Less: Recovered from contractors & employees	17,738,781.78	17,318,876.79
004	**Sub-Total(Power Charges)**	**98,081,809.11**	**62,324,741.75**
005	Water charges	28,006,407.40	34,641,905.13
006	Stores consumed	52,556,207.63	33,497,513.21
007	Rent	0.00	0.00
008	Less:Recoveries	0.00	0.00
009	**Sub-Total (Rent)**	**0.00**	**0.00**
010	Cost of captive coal produced	0.00	373,886.58
011	**Repairs & maintenance**	**0.00**	**0.00**
012	Buildings	69,135,917.63	57,343,840.92
013	Plant & machinery	0.00	0.00
014	Power stations	1,424,034,071.73	1,473,269,150.14
015	Construction equipment	0.00	0.00
016	Others	232,823,776.51	102,832,986.16
017	**Sub-total (Repairs & maintenance)**	**1,725,993,765.87**	**1,633,445,977.22**
019	Load Dispatch Center Charges	21,462,829.00	8,015,656.00
021	Insurance	100,491,370.68	103,543,118.40
022	Interest to beneficiaries	0.00	152,353,639.00
023	Rates and taxes	6,515,357.07	5,936,869.38
024	Water cess & environment protection cess	0.00	0.00
025	Training & recruitment expenses	14,191,124.56	8,171,483.21
026	Less: Receipts	0.00	0.00
027	**Sub-total (Training and recruitment expenses)**	**14,191,124.56**	**8,171,483.21**
028	Communication expenses	27,255,075.71	21,426,949.99
029	Inland Travel	85,919,461.11	87,390,371.66
030	Foreign Travel	696,970.34	237,842.94
031	Tender expenses	0.00	0.00
032	Less: Receipt from sale of tenders	0.00	9,000.00
033	**Sub-total (Tender expenses)**	**0.00**	**-9,000.00**
034	Payment to auditors	0.00	0.00
035	Audit fee	0.00	0.00
036	Tax audit fee	0.00	0.00
037	Other services	0.00	0.00
038	Reimbursement of expenses	0.00	3,914.00
039	**Sub-total (Payment to Auditors)**	**0.00**	**3,914.00**
040	Advertisement and publicity	3,904,069.59	619,819.46
041	Electricity duty	0.00	0.00
042	Security expenses	322,825,005.47	306,956,221.29
043	Entertainment expenses	25,862,877.70	23,521,571.22
044	Expenses for guest house	18,661,228.35	18,875,101.23
045	Less:Recoveries	2,434,909.70	3,693,703.30
046	**Sub-Total (Guest house expenses)**	**16,226,318.65**	**15,181,397.93**
047	Education expenses	25,381,703.60	54,003,750.40
049	Donations	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 46 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
050	Ash utilisation & marketing expenses	11,065,803.32	37,865,471.45
051	Directors sitting fee	0.00	0.00
053	Professional charges and consultancy fees	5,297,665.98	2,400,984.88
054	Legal expenses	13,326,309.97	11,181,391.52
055	EDP hire and other charges	23,672,995.11	28,582,411.43
056	Printing and stationery	1,941,733.24	1,986,275.93
057	Oil & gas exploration expenses	0.00	0.00
059	Hiring of vehicles	18,878,336.06	16,583,852.71
061	Reimbursement of L.C.charges on sales realisation	0.00	0.00
062	LOSS ON FAIR VALUATION OF NON- CURRENT TRADE RECEIVABLE AT AMORTISED COST	0.00	0.00
063	Cost of Hedging	0.00	0.00
064	Derivatives MTM loss/gain (Net)	1,749,249.00	0.00
065	Net loss/(gain) in foreign currency transactions & translations	-96,770,799.57	50,572,301.22
066	Transport Vehicle running expenses	16,530,719.07	15,616,664.97
067	Horticulture Expenses	17,387,300.25	16,916,135.98
068	Hire charges- helicopter/aircraft.	0.00	0.00
069	Hire charges of construction equipment	0.00	0.00
070	Demurrage Charges	0.00	0.00
072		0.00	0.00
073	Miscellaneous expenses	85,199,676.91	18,572,641.42
074	Loss on disposal/write-off of PPE	27,451,064.00	39,232,419.90
075	**Sub-Total**	**2,681,100,406.83**	**2,791,148,180.18**
076	Less: Other expenses allocated to fuel inventory	259,503,179.64	254,833,327.02
077	Less: Transferred/Allocated to development of coal mines - Note 47A	0.00	0.00
078	Less: Transferred to fly ash utilisation reserve fund	11,077,626.80	37,865,471.45
079	Less: Hedging cost Net recoverable/payable from/to beneficiaries	1,749,249.00	0.00
080	Less: Others	0.00	0.00
081	Less: Transferred to CSR Expenses	2,009,595.00	0.00
082	Less:Transferred to Expenditure during Construction period(net)-Note 47	546,877.03	1,995,602.70
083	Less: Transfer to Govt of Jharkhand A/c as recoverable	0.00	0.00
084	**Net (Generation, Administration and Other expenses)**	**2,406,213,879.36**	**2,496,453,779.01**
085	Corporate Social Responsibility Expenses	36,083,138.94	63,542,662.28
086	Less: Grants-in-aid	0.00	0.00
087	**Sub-total (Corporate Social Responsibility Expenses)**	**36,083,138.94**	**63,542,662.28**
088	**Provisions**	**0.00**	**0.00**
089	Doubtful Debts	0.00	0.00
090	Doubtful loans, advances and claims	0.00	0.00
091	Doubtful Construction Advances	0.00	0.00
092	Shortage in stores	37,546.42	628,622.75

NATIONAL CAPITAL POWER STATION

NOTE NO. 46 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
093	Obsolete/Dimunition in the value of surplus stores	1,742,086.75	6,253,028.01
094	Shortage in construction stores	0.00	0.00
095	Dimunition in value of long term investments	0.00	0.00
096	Shortage in Fixed assets	0.00	6,310,836.31
097	Unfinished minimum work progress from oil & gas exploration	0.00	0.00
098	Unserviceable capital works	0.00	0.00
099	Tariff Adjustment	-47,614,000.00	-73,497,751.00
100	Others :	0.00	0.00
101	(i) Provision for arbitration cases	1,476,037.00	13,448,203.00
102	(ii) Other provisions	0.00	0.00
103	**Total (Provisions)**	**-44,358,329.83**	**-46,857,060.93**
104		0.00	0.00
106	**Total**	**2,397,938,688.47**	**2,513,139,380.36**
107		0.00	0.00
108	**Breakup of miscellaneous expenses.**	**0.00**	**0.00**
110	Hire charges of office equipment	0.00	1,360.00
112	Operating expenses of construction equipment	0.00	0.00
113	Operating expenses of D.G. sets	0.00	662,707.98
114	Furnishing expenses	3,616,043.24	272,283.42
115	Subscription to trade and other associations.	0.00	0.00
117	Visa and entry permit charges	0.00	0.00
118	Tree plantation exp.-NTPC Land	3,279,620.72	0.00
119	Research & development expenses .	4,394.00	0.00
120	Less : Grants received for Research & develoment expenses.	0.00	0.00
121	Sub-total (Research & development expenses)	4,394.00	0.00
122	Bank charges	3,974.98	162,096.28
123	Business Development Expenditure	0.00	0.00
124	Surcharge (NVVN)	0.00	0.00
125	Power Trading Expenses	21,387,206.00	317,462.00
126	Brokerage & commission	8,706,329.98	4,002,599.16
130	Books and periodicals	54,393.47	38,247.51
131	Claims/advances written off	0.00	0.00
132	Stores written off	0.00	0.00
133	Survey &Investigation expenses written off	3,672,974.81	2,324,296.03
134	Others	44,474,739.71	10,791,589.04
135	**Total**	**85,199,676.91**	**18,572,641.42**
136		0.00	0.00
137		0.00	0.00
138		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 47 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET) **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
001	**EXPENDITURE DURING CONSTRUCTION PERIOD (NET)**	**0.00**	**0.00**
002	A. Employee benefits expense	0.00	0.00
003	Salaries and wages	22,098,174.00	42,209,878.56
004	Contribution to provident and other funds	2,451,293.00	3,698,102.97
005	Unwinding of deffered payroll expenses	0.00	0.00
006	Staff welfare expenses	21,171,562.26	9,598,746.14
007	**Total (A)**	**45,721,029.26**	**55,506,727.67**
008	**B. Finance Costs**	**0.00**	**0.00**
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	7,828,707.99	27,564,760.24
011	Foreign currency term loans	1,323,778.93	7,013,546.41
012	Rupee term loans	7,597,173.30	22,565,734.84
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	0.00	0.00
015	Others	0.00	0.00
016		0.00	0.00
017	Other Borrowings Costs	0.00	0.00
018	Guarantee Commission	0.00	0.00
019	Management Fees/Arrangers Fees	0.00	0.00
020	Commitment charges/Exposure Premium	0.00	47,903.00
021	Legal Expenses on foreign currency loans	0.00	0.00
022	Foreign currency bonds/notes expenses	0.00	0.00
023	Foreign Credit Insurance Premium	0.00	0.00
024	Upfront Fee	0.00	0.00
025	Exchange Differences	0.00	0.00
026	Others	137,868.51	761,499.58
027	Exchange differences regarded as adjustment to interest cost	-174,748.00	393,594.54
028	**Total (B)**	**16,712,780.73**	**58,347,038.61**
029		0.00	0.00
030	C. Depreciation and amortisation	0.00	0.00
031	**D. Generation , administration and other expenses**	**0.00**	**0.00**
032	Power charges	0.00	0.00
033	Less: Recovered from contractors & employees	0.00	24,685.00
034	**Sub-total(Net power charges)**	**0.00**	**-24,685.00**
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	-450,267.78	0.00
039	Construction equipment	0.00	0.00
040	Others	450,267.78	0.00
041		0.00	0.00
042	Insurance	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 47 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET) **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
043	Rates and taxes	0.00	0.00
044	Communication expenses	123,713.10	383,187.20
045	Travelling expenses	399,625.60	1,238,737.55
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	**Sub-total (Net tender expenses)**	**0.00**	**0.00**
049	Advertisement and publicity	0.00	0.00
050	Security expenses	0.00	0.00
051	Entertainment expenses	23,538.33	120,257.90
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	**Sub-total (Net Guest House Expenses)**	**0.00**	**0.00**
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	0.00	0.00
061	EDP Hire and other charges	0.00	169,680.96
062	Printing and stationery	0.00	0.00
063	Miscellaneous expenses	0.00	108,424.09
064	**Total (D)**	**546,877.03**	**1,995,602.70**
065	**Total (A+B+C+D)**	**62,980,687.02**	**115,849,368.98**
066	**E. Less: Other Income**	**0.00**	**0.00**
067	Interest from	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	0.00	0.00
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	0.00	19,812.00
076	**TOTAL (E)**	**0.00**	**19,812.00**
077	F. Net actuarial gain/loss OCI	0.00	-71,479.68
078		0.00	0.00
079	**GRAND TOTAL (A+B+C+D-E+F)**	**62,980,687.02**	**115,758,077.30**
080		0.00	0.00
081	*** Balance carried to Capital Work-in-progress - (Note 3)**	**62,980,687.02**	**115,758,077.30**

NATIONAL CAPITAL POWER STATION

NOTE NO. 47A TO THE FS--EDC- COAL MINING **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
001	**EDC- Coal Mining**	**0.00**	**0.00**
002	A. Employee benefits expense	0.00	0.00
003	Salaries and wages	0.00	0.00
004	Contribution to provident and other funds	0.00	0.00
005	Unwinding of deffered payroll expenses	0.00	0.00
006	Staff welfare expenses	0.00	0.00
007	**Total (A)**	**0.00**	**0.00**
008	**B. Finance Costs**	**0.00**	**0.00**
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	0.00	0.00
011	Foreign currency term loans	0.00	0.00
012	Rupee term loans	0.00	0.00
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	0.00	0.00
015	Others	0.00	0.00
016		0.00	0.00
017	Other Borrowings Costs	0.00	0.00
018	Guarantee Commission	0.00	0.00
019	Management Fees/Arrangers Fees	0.00	0.00
020	Commitment charges/Exposure Premium	0.00	0.00
021	Legal Expenses on foreign currency loans	0.00	0.00
022	Foreign currency bonds/notes expenses	0.00	0.00
023	Foreign Credit Insurance Premium	0.00	0.00
024	Upfront Fee	0.00	0.00
025	Exchange Differences	0.00	0.00
026	Others	0.00	0.00
027	Exchange differences regarded as adjustment to interest cost	0.00	0.00
028	**Total (B)**	**0.00**	**0.00**
029		0.00	0.00
030	C. Depreciation and amortisation	0.00	0.00
031	**D. Generation , administration and other expenses**	**0.00**	**0.00**
032	Power charges	0.00	0.00
033	Less: Recovered from contractors & employees	0.00	0.00
034	**Sub-total(Net power charges)**	**0.00**	**0.00**
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	0.00	0.00
039	Construction equipment	0.00	0.00
040	Others	0.00	0.00
041	Cost of Captive Coal	0.00	0.00
042	Insurance	0.00	0.00
043	Rates and taxes	0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 47A TO THE FS--EDC- COAL MINING **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
044	Communication expenses	0.00	0.00
045	Travelling expenses	0.00	0.00
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	**Sub-total (Net tender expenses)**	**0.00**	**0.00**
049	Advertisement and publicity	0.00	0.00
050	Security expenses	0.00	0.00
051	Entertainment expenses	0.00	0.00
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	**Sub-total (Net Guest House Expenses)**	**0.00**	**0.00**
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	0.00	0.00
061	EDP Hire and other charges	0.00	0.00
062	Printing and stationery	0.00	0.00
063	Miscellaneous expenses	0.00	0.00
064	**Total (D)**	**0.00**	**0.00**
065	**Total (A+B+C+D)**	**0.00**	**0.00**
066	**E. Less: Other Income**	**0.00**	**0.00**
067	Interest from	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	0.00	0.00
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	0.00	0.00
076	**TOTAL (E)**	**0.00**	**0.00**
077	F. Net actuarial gain/loss OCI	0.00	0.00
078		0.00	0.00
079	**GRAND TOTAL (A+B+C+D-E+F)**	**0.00**	**0.00**
080		0.00	0.00
081	*** Balance carried to Capital Work-in-progress - (Note 3)**	**0.00**	**0.00**

NATIONAL CAPITAL POWER STATION

NOTE NO. 48A TO THE FINANCIAL STATEMENTS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	Balance sheet	0.00	0.00
002	Freehold land for which conveyancing of the title is awaiting completion of legal formalities	0.00	0.00
003	(a) area (in acres)	0.00	0.00
004	(b) value (in rs)	0.00	0.00
005	Right-of-use land for which execution of lease deed is awaiting completion of legal formalities	0.00	0.00
006	(a) area (in acres)	0.00	0.00
007	(b) value (in rs)	0.00	0.00
008	Right-of-use land acquired on perpetual lease and accordingly not amortised	0.00	0.00
009	(a) area (in acres)	0.00	0.00
010	(b) value (in rs.)	0.00	0.00
011	Land in physical possesession of the company which has not been shown in the books pending settlement of price (in acres)	0.00	0.00
012	Deposit with government authorities towards land in possession of the company included in cost of land which is subject to adjus	0.00	0.00
013	**Land not in possession of the company**	**0.00**	**0.00**
014	(a) area (in acres)	0.00	0.00
015	-Freehold	0.71	0.71
016	-Right of Use	0.00	0.00
017	(b) value (in rs)	0.00	0.00
018	-Freehold	1,458,014.90	1,458,014.90
019	-Right of Use	0.00	0.00
020	Right-of-use buildings pending completion of legal fomalities - value (in rs.)	0.00	0.00
021	Estimated amount of contracts remaining to be executed on capital account and not provided for	0.00	0.00
022	Property, plant & equipment	1,404,611,453.00	1,650,748,065.00
023	Intangible assets	0.00	0.00
024	Details of precommissioning expenditure	0.00	0.00
025	(a) precommissioning expenses	0.00	0.00
026	(b) precommissioning income	0.00	0.00
027	(c) net precommissioning expenditure	0.00	0.00
028		0.00	0.00
029		0.00	0.00
030		0.00	0.00
031	Exchange rate variation taken to revenue during the year (with -ve sign, if favourable)	21,250,674.55	50,572,301.22
045	Exchange rate variation capitalised during the year (with -ve sign, if favourable)	-174,748.00	393,594.54
064	Short Term Leases	0.00	0.00
065	A) Rent	0.00	0.00
066	Company lease accomodation - executives	0.00	0.00
067	Company lease accomodation - directors	0.00	0.00
068	Others	0.00	0.00

	As at	31.03.2024	31.03.2023
069	**Total**	**0.00**	**0.00**
101	Borrowing cost capitalised during the year	16,712,780.73	58,347,038.61
102	Revenue grants recognized during the year	0.00	0.00
103	Revenue expenditure on research and development	94,826,306.89	48,838,286.37
104	Capital expenditure on research and development.	17,890,306.00	6,723,446.00
105	Expenditure on sustainibility development - capital	0.00	0.00
106	Expenditure on csr- capital	0.00	0.00
107	Opening balance - CSR Liability	0.00	0.00
108	Paid/Adjusted during the Year out of Opening above	0.00	0.00
109	Amount yet to be paid against Cr Year CSR Exp	2,237,944.00	10,156,310.00
110	Closing Balance CSR- Liability (110)	0.00	10,156,310.00
111		0.00	0.00
112		0.00	0.00
113	**Disclosure under msmed act 2006.**	**0.00**	**0.00**
114	Long-term	0.00	0.00
115	Short-term	-233,394,365.95	0.00
116	**(i) (a) the principal amount remaining unpaid as at year end**	**-233,394,365.95**	**0.00**
117	(i) (b) interest due there on remaining unpaid as at Year end	0.00	0.00
118	(ii) the amount of interest paid by the buyer in terms of section 16, along with the amounts of the payment made to the supplier	0.00	0.00
119	(iii) the amount of interest due and payable for the period of delay in making payment(which has been paid but beyond the appoin	0.00	0.00
120	(iv) the amount of interest accrued and remaining unpaid at the end of the year; and	0.00	0.00
121	(v) the amount of further interest remaining due and payable even in the succeeding years, until such date when the interest due	0.00	0.00
122	Amount of inventories recognized as an expense (including fuel)	45,577,373,590.19	50,738,359,778.29
123	Amount of inventories capitalised as overhauling assets out of 122 above	176,727,615.57	96,602,593.37
124	Amount capitalised as edc out of 122 above	0.00	0.00
133	Value of Imported Material Consumed during the Year	0.00	0.00
134		0.00	0.00
135	Contingent liabilities	0.00	0.00
136	A. Claims against the company not acknowledged as debts in respect of :	0.00	0.00
137	(i)Capital works	4,011,403,231.75	3,603,486,245.00
138	(ii)Land compensation cases	107,270,787.10	104,631,838.10
139	(iii)Others by state authorities towards:-	0.00	0.00
140	(a) Water royalty / water charges / nala tax	0.00	0.00
141	(b) Diversion of land / building permission fees	0.00	0.00

	As at	31.03.2024	31.03.2023
142	(c) Other demands by state authorities	0.00	0.00
143	(iv) Others by fuel companies	0.00	0.00
144	(a) Disputes related to grade slippage-third party sampling	747,688,853.67	595,732,986.80
145	(b) Surface transportation charges on coal	15,365,368.00	15,365,368.00
146	(c) Take or pay claim - Gas stations	0.00	0.00
147	(d) Other claims by fuel companies not acknowledged as debt	175,936,517.00	175,936,517.00
149	B.Disputed tax demands	0.00	0.00
150	(i) Income tax	0.00	0.00
151	(ii) Excise duty	0.00	0.00
152	(iii) Sales tax	150,325,266.00	140,334,596.00
153	(iv) Service tax/GST	38,404,198.59	29,196,503.65
154	(v) Entry tax	41,242,051.00	39,062,569.00
155	C. Others	83,069,201.54	20,435,756.38
156	**Total**	**5,370,705,474.65**	**4,724,182,379.93**
157	D. Possible reimbursement on account of contingent liabilities	0.00	0.00
158	(i) Capital works	0.00	0.00
159	(ii)Land compensation cases	0.00	0.00
160	(iii)Others (by state authorities)	0.00	0.00
161		0.00	0.00
162	(iv) Others by fuel companies	938,990,738.67	787,034,871.80
163	(v) Disputed income tax demand	0.00	0.00
164	(vi) Disputed tax demands -others	31,981,192.59	15,428,226.00
165	(vii) Others	7,299,187.00	7,299,187.00
167	**Total**	**978,271,118.26**	**809,762,284.80**
168	E.AMOUNT PAID UNDER PROTEST/ADJUSTED BY AUTHORITIES - TAX CASES	0.00	0.00
169	F.CONTINGENT ASSETS	0.00	0.00
170	Intangible under development : less than 1 year	0.00	0.00
171	Intangible under development #: 1-2 year	0.00	0.00
227	Intangible under development #: 2-3 year	0.00	0.00
277	Intangible under development #: More than 3 years	0.00	0.00
278	**Capital-Work-in Progress (CWIP)**	**0.00**	**0.00**
279	Projects in progress	1,483,532,038.91	2,266,457,185.49
280	Projects temporarily suspended	0.00	0.00
281		0.00	0.00
282		0.00	0.00
283	**Projects in progress**	**0.00**	**0.00**
284	Less than 1 year	529,437,953.81	210,951,701.06
285	1-2 years	150,579,070.24	641,695,740.42
286	2-3 years	181,502,800.01	622,012,214.85
287	More than 3 years	622,012,214.85	791,797,529.16
288	**Sub Total (I)**	**1,483,532,038.91**	**2,266,457,185.49**
289		0.00	0.00

NATIONAL CAPITAL POWER STATION

NOTE NO. 48A TO THE FINANCIAL STATEMENTS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
290	**Projects temporarily suspended**	**0.00**	**0.00**
291	Less than 1 year	0.00	0.00
292	1-2 years	0.00	0.00
293	2-3 years	0.00	0.00
294	More than 3 years	0.00	0.00
295	**Sub Total (II)**	**0.00**	**0.00**
296		0.00	0.00
380	Previous year figures have been regrouped/rearranged wherever necessary.	0.00	0.00