

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO.....

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-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for approval of tariff of **Solapur Super Thermal Power Station (2x660 MW) for the period from 01.04.2024 to 31.03.2029.**

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Summary of Issues: Solapur STPS (2X660 MW)

(In compliance with CERC notice dated 07.06.2024)

The major highlights of the Solapur STPS (2x660 MW) petition for determination of tariff for period 01.04.2024 to 31.03.2029 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-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for revision of tariff of Solapur (1320 MW) for the period from 01.04.2024 to 31.03.2029 on projection basis for period 01.4.2024 to 31.03.2029.

The instant station is located at Solapur, Maharashtra and the station achieved its COD on 30.03.2019.

The power generated from instant station is being supplied as per MoP allocation and respective PPAs to customers including MPPMCL (M.P), CSPDCL (Chhattisgarh), MSEDCL (Maharashtra), EDG (Electricity Deptt. of Goa), DNHDDPDCL (UT of DNHDD).

The tariff for instant station for the period from 01.04.2019 to 31.3.2024 was determined by the Hon'ble Commission vide its order dated 02.08.2024 Petition No. 246/GT/2021. The capital cost as allowed by the Commission in the petition no 246/GT/2021 for tariff determination included the projected additional capital expenditure upto 31.03.2024. The petitioner vide affidavit dated 25.11.2024 had filed a separate true up petition for the period 01.04.2019 to 31.03.2024 for revision of tariff in line with the applicable provisions of Tariff Regulations 2019.

The tariff of Solapur STPS for the tariff period 2024-29 based on projected expenditure for 2024-29 is annexed with the petition as per provisions of Regulation 9 of CERC Tariff Regulations 2024.

The projected Additional Capital Expenditure claimed on cash basis for the FY 2024-25, 2025-26, 2026-27, 2027-28, 2028-29 are Rs 316.13 Cr, Rs 118.60 Cr, Rs 39.20 Cr, Rs. 5.60 Cr & nil respectively amounting to total of Rs 479.53 Crores during the 2024-29 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 projected Additional Capital expenditure during the period of 2024-29. The major add cap pertains to capitalisation of 132 Kv switchyard line (190 Cr) from Solapur plant to Ujani dam (approx. 120 Km) and certain balance left over works of original scope which were delayed due to reasons beyond the reasonable control of the petitioner. The detailed reasons for the add cap has been given in the petition and Appendix-I.

The Hon'ble Commission may please allow the claims of water charges and security expenses and ash transportation expenditures for the instant station as per projections, as claimed by the Petitioner in Form 3A of Appendix-I.

It is further mentioned that the Solapur STPS is a central government owned thermal power station which is of national importance. Safety and security of these nationally important infrastructure projects against any threat perception is a prime concern. The main security of these central government owned thermal power station is provided by the Central Industrial Security Force (CISF). CISF is a statutory body set up under an Act of the Parliament of India and a central armed police force in India under the Ministry of Home Affairs (MHA) whose primary mission is to provide security to large

institutions like Solapur STPS. Deployment of the CISF is done as per the security threat perception, survey and as per the guidelines of MHA. In addition to the CISF, certain security is provided by other local and national agencies for critically less sensitive locations as per the plant specific needs. In view of this Hon'ble Commission may please allow the claims of security expenses as per projections as submitted in Form 3A.

The petitioner pleads that the Hon'ble Commission may please allow the claims of Capital spares for the instant station at the time of true-up. The same has not been claimed in Form-3A in the instant petition.

In the light of above submission and as per the Petition being filed by the Petitioner for revision of tariff of Solapur STPS (2X660 MW), The Hon'ble Commission may please approve tariff for the tariff period 2024-29 as per provision of Regulation 9 of Tariff Regulations 2024.

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

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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-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for approval of tariff of **Solapur Super Thermal Power Station (2x660 MW)** for the period from **01.04.2024 to 31.03.2029**.

AND

IN THE MATTER OF

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

Respondents

1. Madhya Pradesh Power Management Company Ltd. (MPPMCL), Shakti Bhawan, Vidyut Nagar, Jabalpur 482 008
2. Maharashtra State Electricity Distribution Co Ltd. (MSEDCL) Prakashgad, Bandra (East), Mumbai 400 051

3. Chhattisgarh State Power Distribution Co. Ltd (CSPDCL)
P.O. Sundar Nagar,
Danganiya, Raipur – 492013

- 4 Electricity Department
Government of Goa (EDG)
Vidyut Bhawan, Panaji, Goa

- 5 Dadra And Nagar Haveli and Daman and Diu Power
Distribution Corporation Limited (DNHDDPDCL).
1st & 2nd Floor, Vidyut Bhavan, Silvassa-396230, DNH, India

The Petitioner humbly states that:

- 1) The Petitioner herein NTPC Ltd. (hereinafter referred to as '**Petitioner**' or '**NTPC**'), is a company incorporated under provisions of the Company Act, 1956 and a Government Company as defined under Section 2(45) of the Companies Act, 2013. Further, NTPC is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.

- 2) In terms of Section 79(1)(a) of Electricity Act, 2003, the Hon'ble Commission has been vested with the functions to regulate the tariff of NTPC, being a Generating Company owned and controlled by the Central Government. The regulation of the tariff of NTPC is as provided under Section 79(1)(a) read with Section 61, 62 and 64 of the Electricity Act, 2003 and the Regulations notified by the Hon'ble Commission in exercise of powers under Section 178 read with Section 61 of the Electricity Act, 2003.

- 3) The Petitioner is having power stations/ projects at different regions and places in the country. Solapur Super Thermal Power Station (2x660 MW) (hereinafter referred to as “Solapur”) is one such station located in the State of Maharashtra. The power generated from Solapur is being supplied to the respondents herein above.
- 4) The Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2024 (hereinafter ‘Tariff Regulations 2024’) which came into force from 01.04.2024, specifying the terms & conditions and methodology of tariff determination for the period 01.04.2024 to 31.03.2029.
- 5) Regulation 9(2) of Tariff Regulations 2024 provides as follows:
“(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 30.11.2024 , based on admitted capital cost including additional capital expenditure already admitted and incurred up to 31.3.2024 (either based on actual or projected additional capital expenditure) and estimated additional capital expenditure for the respective years of the tariff period 2024-29 along with the true up petition for the period 2019-24 in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2019.”

In terms of above, the Petitioner is filing the present petition for determination of tariff for Solapur for the period from 01.04.2024 to 31.03.2029 as per the Tariff Regulations 2024.

- 6) The tariff of the Solapur for the tariff period 1.4.2019 to 31.3.2024 was determined by the Hon'ble Commission vide its order dated 02.08.2024 in Petition No. 246/GT/2021 in accordance with the CERC (Terms & Conditions of Tariff) Regulations 2019. The petitioner vide affidavit dated 25.11.2024 had filed a separate true up petition for the period 01.04.2019 to 31.03.2024 for revision of tariff in line with the applicable provisions of Tariff Regulations 2019.

- 7) It is submitted that Hon'ble Commission vide order dated 02.08.2024 in Petition no 246/GT/2021 has allowed a capital cost of Rs 10146.03 Cr as on 31.03.2024 based on the admitted projected capital expenditure for the 2019-24 period. However, the actual closing capital cost as on 31.03.2024 has been worked out in the aforesaid true-up petition as Rs. 9906.32 Cr based on the actual expenditure after truing up exercise for the period 2019-24. Accordingly, the opening capital cost as on 01.04.2024 has been considered as Rs 9906.32 Cr in the instant petition. The Hon'ble Commission may be pleased to accordingly adopt this adjustment in the admitted capital cost as on 31.3.2024 and determine the tariff in the present petition for the period 2024-29.
- 8) The capital cost claimed in the instant petition is based on the opening capital cost as on 01.04.2024 considered as above and projected estimated capital expenditures claimed for the period 2024-29 under Regulation 19 and Regulation 24, 25 and 26 of the Tariff Regulations, 2024.
- 9) It is humbly submitted that, the Hon'ble Commission in its order dated 02.08.2024 for petition no 246/GT/2021 for 2019-24 had given liberty to claim original scope of works which were delayed beyond cut-off date. The petitioner submits that the reasons which were responsible for delay in COD of the plant had a cascading effect on the balance leftover works which got spilled over beyond cut-off date. The petitioner had given the detailed reasons for delay in petition 582/GT/2020 and the Hon'ble Commission has acknowledged and condoned the delay. The main reasons for the delay are PAPs unrest, sand mining ban, drought, ROU issue, QSGM etc. The balance leftover works of original scope constitute only 3-4% of the project cost which shall be completed by 2026-27. The balance leftover work mainly constitutes 132 KV switchyard line from plant to Ujani dam, Main plant civil, Ash handling systems & AWRS, CHP, SG and GT. The petitioner has given justifications for the same in appendix-I. It is further submitted that in the process, since the beneficiaries have been protected from front loading of tariff and have benefitted from the supply of power since COD, the petitioner may please be allowed the completion and capitalization of these original scope of works in tariff. Further, Form-B and (Revised

Cost Estimate) RCE-I as furnished with 19-24 Truing-up petition are also placed herewith as **Annexure- A0**.

- 10) The Petitioner further respectfully submits that as per Regulation 36(1)(6) of the Tariff Regulations 2024, the water charges, security expenses, ash transportation expenses and capital spares consumed for thermal generating stations are to be allowed separately. The details in respect of water charges such as type of cooling water system, water consumption, rate of water charges as applicable for 2023-24 have been furnished below. Water charges claimed is based on projection basis escalated @10% year on year and same may be allowed in tariff based on the same for 2024-29. In accordance with provision of the Regulations, the petitioner shall be furnishing the details of actual for the relevant year at the time of truing up and the same shall be subject to retrospective adjustment.

Description	Remarks
Type of Plant	Coal based thermal power station
Type of cooling water system	Closed Circuit Cooling System
Allocation of Water	43.8 MCM
Rate of Water charges	12.25 Rs/ CuM
Total Water Charges for 2023-24	2884.13 lakh

Further, the petitioner has already furnished all the requisite details in 19-24 Truing Petition regarding the power charges being borne by the petitioner till the commissioning of 132 KV line at the instant station for pumping of power from Ujani Dam to the instant station, which need to be reimbursed along with water charges since this power is utilized for pumping of water to enable the petitioner to supply power to its beneficiaries. As per the instant petition, the 132 KV Line is expected to get completed and capitalized during FY 2024-25, therefore, the petitioner is not claiming the power charges for pumping of water at present on projected basis, however, seeks liberty from the Hon'ble Commission to claim the same during truing-up based on the actual power charges paid till the actual commissioning of this 132 KV Line.

- 11) Similarly, the Petitioner is claiming the security expenses based on the estimated expenses for the period 24-29, the same shall be subject to retrospective adjustment based on actuals at the time of truing up. In respect of capital spares consumption, it is submitted that the same shall be claimed at the time of true-up in terms of the proviso to the Regulation 36(1)(6) based on actual consumption of spares during the period 24-29.
- 12) It is further submitted that ash transportation charges have not been claimed in the instant station for 2024-29 period due to availability of ash sale fund from the sale of ash to cement industries and currently there is good offtake of ash by the cement industries. However, the petitioner craves for liberty from the Hon'ble Commission that the instant station may be allowed to recover/pass on the ash transportation charges on a monthly basis subject to true-up if any ash transportation and other related charges arises in 2024-29.
- 13) The petitioner humbly submits that petition no. 227/MP/2024 has been filed by the petitioner concerning Ash utilization Expenditure for its stations which is under active consideration of this Hon'ble Commission and the outcome of the said petition will be applicable to the instant petition also.
- 14) The Petitioner humbly submits that the pay/wage revision for the employees of the Petitioner will be due w.e.f. 01.01.2027. Further, the wage/pay revision of CISF and Kendriya Vidyalaya employees will also be due for revision during the tariff period 2024-29. Regulation-36(1)(8) of CERC (Terms & Conditions of Tariff) Regulations-2024 provides as below:

“In the case of a generating company owned by the Central or State Government, the impact on account of implementation of wage or pay revision shall be allowed at the time of truing up of tariff.”

In accordance with the above said regulation, the Petitioner shall approach the Hon'ble Commission for allowing the impact of Pay/wage revision of employees of the Petitioner i.e. NTPC Limited, CISF and Kendriya Vidyalaya (wherever applicable) as additional O&M at the time of truing-up of tariff for the control period 2024-29. The Hon'ble Commission

may be pleased to consider the impact of wage/pay revision as an additional impact on O&M and allow the same as additional O&M over and above the normative O&M.

- 15)** The present petition is filed on the basis of norms specified in the Tariff Regulations 2024. It is submitted that the petitioner has installed the Emission Control Systems (ECS) in compliance of the Revised Emission Standards as notified by MOEF vide notification dated 07.12.2015 as amended. The petitioner has filed a separate petition for ECS in terms of Regulation 29 of Tariff Regulations 2024 and the petition is under consideration of the CERC.
- 16)** It is submitted that the Petitioner has already paid the requisite filing fee vide Transaction ID 37c568eba62158b7b321 on 24.04.2024 for the year 2024-25 and the details of the same have been duly furnished to the Hon'ble Commission vide email dtd. 29.04.2024. For the subsequent years, it shall be paid as per the provisions of the CERC (Payment of Fees) Regulations, 2012 as amended. Further Regulation 94 (1) of Tariff Regulations 2024 provides that the application fee and publication expenses may be allowed to be recovered directly from the beneficiaries at the discretion of the Hon'ble Commission. Accordingly, it is prayed that Hon'ble Commission may be pleased to allow recover filing fee and publication fee directly from the beneficiaries.
- 17)** The petitioner has accordingly calculated the tariff for 2024-29 period based on the above and the same is enclosed as **Appendix-I** to this petition.
- 18)** It is submitted that in terms of Regulation 60 (5) of the Tariff Regulations 2024, the Petitioner is required to furnish details qua providing the details of Landed Price & Gross Calorific Value ("GCV") of coal in Form-15. It is further submitted that the Petitioner in terms of Regulation 40 of the Tariff Regulations 2019 was required to furnish the details for Landed Price & GCV of coal also as per Form-15 of the Tariff Regulations, 2019.
- 19)** However, in so far as the present Petition is concerned, the Petitioner has prepared & submitted the data of coal as per Form 15 of the Tariff Regulations, 2019. The same is because of the following reasons:-

- (a) This Hon'ble Commission had notified the Tariff Regulations, 2019 on 07.03.2019 and the same was in effect till 31.03.2024.
 - (b) The Petitioner being a diligent utility has been seamlessly providing the said data of coal in terms of the prescribed format (i.e. Form 15 of Annexure-I (Part I)) of the Tariff Regulations, 2019 to this Hon'ble Commission for computation of Interest on Working Capital.
 - (c) Thereafter, this Hon'ble Commission on 15.03.2024 notified the Tariff Regulations, 2024, wherein the format of Form 15 was changed/ amended by this Hon'ble Commission and a new format was placed in the Tariff Regulations 2024 in the month of June'2024.
 - (d) By virtue of the said change, the Petitioner has been obligated to furnish the data of coal for its existing plants month wise for the preceding 12 months i.e. for FY 2023-24 for computation of Interest on Working Capital.
- 20)** It is humbly submitted that by virtue of the Tariff Regulations, 2024, this Hon'ble Commission has added a new format/ revised the format of Form-15 which has not prescribed in the past Tariff Regulations i.e. of 2019. Hence, it is only now (in the Tariff Regulations 2024) that the Petitioner has been obligated to furnish the data of coal as per the new format of Form-15.
- A True copy of the Form 15 of Tariff Regulations 2019 and Form 15 of Tariff Regulations 2024, is marked and annexed herewith as **Annexure-M**
- 21)** It is respectfully submitted that since the format for Form 15 has been changed in Tariff Regulations, 2024 and was notified in the month of June'2024, the Petitioner could not have been aware about the said changes earlier, hence the Petitioner did not maintain the data required in new format of Form 15 of Tariff Regulations, 2024.
- 22)** Therefore, this Hon'ble Commission may kindly exempt the Petitioner from furnishing the data of coal in terms of new format of Form 15 of the Tariff Regulations, 2024 & may be allowed to furnish the details of coal for FY 2023-24 in terms of the prescribed format of Form-15 of the Tariff Regulations, 2019.

- 23) In light of the above submissions, it may kindly be noted that no prejudice shall be caused to any party if the Petitioner is allowed for providing the details of Landed Price & GCV of coal to this Hon'ble Commission in terms of Form 15 of the Tariff Regulations, 2019 as the value of Landed Price & GCV of coal will remains unaffected.
- 24) It is submitted that the Petitioner has uploaded the copy of the Petition at CERC site (Saudamini), the access of which is available to all the Respondents mentioned herein above and therefore the petition stands served to all the respondents. Further, the petitioner has also posted the Petition on the company website i.e. www.ntpc.co.in.
- 25) In accordance with the 'Conduct of Business Regulations 2023' of the Hon'ble Commission, the Petitioner shall, within 7 days after filing the tariff petition, publish a notice about such filing in at least two daily leading digital newspapers one in English language and another in any of the Indian languages, having wide circulation in each of the States and Union Territories where the beneficiaries are situated, as per Form 14 appended to these regulations. Subsequently, the Petitioner shall submit the proof of publications as soft copies of the publications under an affidavit through the e-filing portal of the Hon'ble Commission within one week from the date of publication. Further, the Petitioner shall also submit the detail of expenses incurred for publication of the notice along with the prayer for recovery of Publication Expenses as per Regulation-94 of CERC Tariff Regulations 2024.
- 26) It is submitted that the petitioner is filing this tariff petition subject to the outcome of its various appeals/ petitions pending before different courts. Besides, the petitions filed by NTPC for determination of capital base as on 31.03.2024 through true-up exercise are pending before the Hon'ble Commission and would take some time. The Petitioner, therefore, reserves its right to amend the tariff petition as per the outcome in such appeals/ petitions, if required.

Prayers

In the light of the above submissions, the Petitioner, therefore, prays that the Hon'ble Commission may be pleased to:

- i) Approve tariff of Solapur (2X660 MW) for the tariff period 01.04.2024 to 31.03.2029.
- ii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries.
- iii) Allow the claim of water charges (and power charges, based on actuals at the time of truing-up) and security expenses.
- iv) Allow reimbursement of Ash utilization expenditure directly from the beneficiaries on monthly basis, subject to true up, if any.
- v) Allow the recovery of pay/wage revision as additional O&M over and above the normative O&M.
- vi) Pass any other order as it may deem fit in the circumstances mentioned above.

Petitioner

Noida

BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

IN THE MATTER OF



Petitioner:

: 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-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for approval of tariff of **Solapur Super Thermal Power Station (2x660 MW)** for the period from 01.04.2024 to 31.03.2029.

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

Respondents:

1. Madhya Pradesh Power Management
Company Limited,
Shakti Bhawan, Vidyut Nagar,
Jabalpur 482 008

and others

AFFIDAVIT

I, Sameer Kumar Aggarwal, Son of Late Shri B K Aggarwal, aged about 51 years, working as Additional General Manager (Commercial) in the office of NTPC Limited, having its registered office at NTPC Bhawan, Scope Complex, Core-7, Lodhi Road, New Delhi-110003 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.



SK Aggarwal

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 26 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.

S. Aggarwal
 समीर अग्रवाल / SAMEER AGGARWAL
 अपर महाप्रबंधक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड / NTPC LIMITED
 EOC, A-8A, Sector-24, Noida-201 301 (U.P.)

Verification:

Verified at Noida on this 27th 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.

S. Aggarwal
 (Deponent)
 समीर अग्रवाल / SAMEER AGGARWAL
 अपर महाप्रबंधक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड / NTPC LIMITED
 EOC, A-8A, Sector-24, Noida-201 301 (U.P.)



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

27 NOV 2024

APPENDIX-I

TARIFF FILING FORMS (THERMAL)

FOR DETERMINATION OF TARIFF

FOR

Solapur Super Thermal Power Station

(From 01.04.2024 to 31.03.2029)

PART-I

ANNEXURE-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-3B**	Statement of Special Allowance	NA
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	✓
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	✓
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	✓
FORM- 15A	Details of Secondary Fuel for Computation of Energy Charges	✓
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 *	**

** Shall be Provided yearwise at the time of true up

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	✓

** Shall be provided at the time of true up

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.	NA
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	NA
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

Summary of Tariff

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Solapur Super Thermal Power Station
Place (Region/District/State):	Western Region/Solapur/ Maharashtra

Amount in Rs. Lakhs

S. No.	Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8	9
1.1	Depreciation	Rs Lakh	47,912.97	49,300.00	50,365.61	50,752.41	50,862.22	50,875.95
1.2	Interest on Loan	Rs Lakh	29,554.30	28,832.50	26,849.83	23,798.37	20,838.57	17,738.00
1.3	Return on Equity	Rs Lakh	55,103.88	56,657.68	57,871.67	58,306.01	58,423.82	58,436.19
1.4	Interest on Working Capital	Rs Lakh	18,424.54	17,373.55	17,491.19	17,578.97	17,659.15	17,757.51
1.5	O&M Expenses	Rs Lakh	40,220.36	39265.30	41570.77	44034.49	46648.32	49430.73
1.6	Special Allowance (If applicable)	Rs Lakh	0.00	0.00	0.00	0.00	0.00	0.00
1.7	Compensation Allowance (If applicable – relevant for column 4 only)	Rs. Lakh	0.00					
	Total	Rs Lakh	191216.05	191429.03	194149.06	194470.24	194432.08	194238.37
2.1	Landed Fuel Cost (coal/gas/RLNG/ liquid) as per FSA approved by beneficiaries	Rs/Ton	6579.93	6731.79	6731.79	6731.79	6731.79	6731.79
	(%) of Fuel Quantity	(%)						
2.2	Landed Fuel Cost Imported Coal as per FSA approved by beneficiaries							
	(%) 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.							
	(%) of Fuel Quantity							
2.5	Secondary fuel oil cost	Rs/Unit		0.081	0.081	0.081	0.081	0.081
	Energy Charge Rate ex-bus (Paise/kWh) 2A, 2B, 2C, 2D	Rs/Unit		4.606	4.606	4.606	4.606	4.606

(Petitioner)

						PART-I FORM- 1(I)
Name of the Petitioner:			NTPC Limited			
Name of the Generating Station:			Solapur Super Thermal Power Station			
Amount in Rs. Lakhs						
<u>Statement showing claimed capital cost – (A+B)</u>						
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Opening Capital Cost	9,89,823.39	10,21,436.39	10,33,296.39	10,37,216.39	10,37,776.39
2	Add: Addition during the year/period	31,613.00	11,860.00	3,920.00	560.00	-
3	Less: De-capitalisation during the year/period	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-
5	Add: Discharges during the year/ period	-	-	-	-	-
6	Closing Capital Cost	10,21,436.39	10,33,296.39	10,37,216.39	10,37,776.39	10,37,776.39
7	Average Capital Cost	10,05,629.89	10,27,366.39	10,35,256.39	10,37,496.39	10,37,776.39
<u>Statement showing claimed capital cost eligible for RoE at normal rate (A)</u>						
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Opening Capital Cost	989823.39	1020526.39	1031526.39	1034626.39	1034626.39
2	Add: Addition during the year / period	30703.00	11000.00	3100.00	0.00	0.00
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	0.00
6	Closing Capital Cost	1020526.39	1031526.39	1034626.39	1034626.39	1034626.39
7	Average Capital Cost	1005174.89	1026026.39	1033076.39	1034626.39	1034626.39
<u>Statement showing claimed capital cost eligible for RoE at one year MCLR + 350 bps subject to ceiling of 14.00% (B)</u>						
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Opening Capital Cost	0.00	910.00	1770.00	2590.00	3150.00
2	Add: Addition during the year / period	910.00	860.00	820.00	560.00	0.00
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	0.00
6	Closing Capital Cost	910.00	1770.00	2590.00	3150.00	3150.00
7	Average Capital Cost	455.00	1340.00	2180.00	2870.00	3150.00
						(Petitioner)

Name of the Petitioner:

NTPC Limited

Name of the Generating Station:

Solapur Super Thermal Power Station

Statement showing Return on Equity at Normal Rate

Amount in Rs. Lakhs

S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
	Return on Equity					
1	Gross Opening Equity (Normal)	2,96,947.02	3,06,157.92	3,09,457.92	3,10,387.92	3,10,387.92
2	Less: Adjustment in Opening Equity	-	-	-	-	-
3	Adjustment during the year	-	-	-	-	-
4	Net Opening Equity (Normal)	2,96,947.02	3,06,157.92	3,09,457.92	3,10,387.92	3,10,387.92
5	Add: Increase in equity due to addition during the year / period	9210.90	3300.00	930.00	0.00	0.00
7	Less: Decrease due to De-capitalisation during the year / period	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	0.00
10	Net closing Equity (Normal)	3,06,157.92	3,09,457.92	3,10,387.92	3,10,387.92	3,10,387.92
11	Average Equity (Normal)	3,01,552.47	3,07,807.92	3,09,922.92	3,10,387.92	3,10,387.92
12	Rate of ROE (%)	18.782	18.782	18.782	18.782	18.782
13	Total ROE	56,637.58	57,812.48	58,209.72	58,297.06	58,297.06

(Petitioner)

PART-I
FORM- 1(IIB)

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Solapur Super Thermal Power Station

Statement showing Return on Equity at SBI MCLR+350 basis subject to ceiling of 14%

Amount in Rs. Lakhs						
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
	Return on equity at one year MCLR + 350 bps subject to ceiling of 14.00%					
1	Gross Opening Equity (Normal)	0.00	273.00	531.00	777.00	945.00
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	273.00	531.00	777.00	945.00
5	Add: Increase in equity due to addition during the year / period	273.00	258.00	246.00	168.00	0.00
7	Less: Decrease due to De-capitalisation during the year / period	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	0.00
10	Net closing Equity (Normal)	273.00	531.00	777.00	945.00	945.00
11	Average Equity (Normal)	136.50	402.00	654.00	861.00	945.00
12	Rate of ROE at SBI MCLR+350 basis	12.15	12.15	12.15	12.15	12.15
13	Grossed up rate of ROE (%)	14.723	14.723	14.723	14.723	14.723
14	Total ROE	20.10	59.19	96.29	126.77	139.13

(Petitioner)

Plant Characteristics

Name of the Petitioner	NTPC Ltd	
Name of the Generating Station	Solapur STPP	
Unit(s)/Block(s)/Parameters	Unit-I	Unit-II
Installed Capacity (MW)	660	660
Schedule COD as per Investment Approval	19-07-2016	19-01-2017
Actual COD /Date of Taken Over (as applicable)	25-09-2017	30-03-2019
Pit Head or Non Pit Head or Integrated Mine	Non pit head	
Name of the Boiler Manufacture	BGR/HPE	
Name of Turbine Generator Manufacture	ABFPL	ABFPL
Main Steams Pressure at Turbine inlet (kg/Cm ²) abs ¹	247	247
Main Steam Temperature at Turbine inlet (°C) ¹	568	568
Reheat Steam Pressure at Turbine inlet (kg/Cm ²) ¹	54.338	54.338
Reheat Steam Temperature at Turbine inlet (°C) ¹	593	593
Main Steam flow at Turbine inlet under MCR condition (tons /hr) ²	1922.1	1922.1
Main Steam flow at Turbine inlet under VWO condition (tons /hr) ²	2091.2	2091.2
Unit Gross electrical output under MCR /Rated condition (MW) ²	660	660
Unit Gross electrical output under VWO condition (MW) ²	693	693
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh) ³	1832	1832
Conditions on which design turbine cycle heat rate guaranteed		
% MCR	100	100
% Makeup Water Consumption	0%	0%
Design Capacity of Make up Water System	3X90 m3/hr	
Design Capacity of Inlet Cooling System m3/hr	72000	72000
Design Cooling Water Temperature (°C)	33	33
Back Pressure	77 mm Hg (abs)	77 mm Hg (abs)
Steam flow at super heater outlet under BMCR condition (tons/hr)	2120	
Steam Pressure at super heater outlet under BMCR condition) (kg/Cm ²)	256	
Steam Temperature at super heater outlet under BMCR condition (OC)	568	
Steam Temperature at Reheater outlet at BMCR condition (°C)	596	
Design / Guaranteed Boiler Efficiency (%) ⁴	85.62	
Design Fuel with and without Blending of domestic/imported coal	Domestic	
Type of Cooling Tower	IDCT	IDCT
Type of cooling system ⁵	Closed cycle	Closed cycle
Type of Boiler Feed Pump ⁶	2 X 50 % TDBFP,2x30% MDBFP	2 X 50 % TDBFP,2x30% MDBFP
Fuel Details ⁷		
-Primary Fuel	Coal	
-Secondary Fuel	HFO/ LDO	
-Alternate Fuels	--	
Special Features/Site Specific Features ⁸	Make up water from Ujjani Reservoire-117 Km pipe line	
Special Technological Features ⁹	Boiler is Tower type, Single pass, Once through, direct pulverised Coal fired, dry bottom with balanced draft, Top supported , fusion welded water wall panels, wall fired (Front and Rear) Supercritical Benson boiler suitable for variable pressure operation from subcritical to supercritical pressure region.	
Environmental Regulation related features ¹⁰	ESP	
Any other special features	FGD/STP	

- 1: At Turbine MCR condition.
- 2: with 0% (Nil) make up and design Cooling water temperature
- 3: at TMCR output based on gross generation, 0% (Nil) makeup and design Cooling water temperature.
- 4: With Performance coal based on Higher Heating Value (HHV) of fuel and at BMCR) out put
- 5: Closed circuit cooling, once through cooling, sea cooling, natural draft cooling, induced draft cooling etc.
- 6: Motor driven, Steam turbine driven etc.
- 7: Coal or natural gas or Naptha or lignite etc.
- 8: Any site specific feature such as Merry-Go-Round, Vicinity to sea, Intake /makeup water systems etc. scrubbers etc. Specify all such features
- 9: Any Special Technological feature like Advanced class FA technology in Gas Turbines, etc.
- 10: Environmental Regulation related features like FGD, ESP etc.,

Petitioner

Normative parameters considered for tariff computations

Name of the Petitioner:		NTPC Limited					
Name of the Generating Station:		Solapur Super Thermal Power Station					
							(Year Ending March)
Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
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
Rate of Return on Add - cap beyond the original scope of work including additional capitalization due to Change in Law, Force Majeure	%	-	12.15	12.15	12.15	12.15	12.15
Effective Tax Rate	%	17.4720	17.4720	17.4720	17.4720	17.4720	17.4720
Target Availability	%	85.00	85.00				
Peak Hours	%	85.00	85.00	85.00	85.00	85.00	85.00
Off-Peak Hours	%	85.00	85.00	85.00	85.00	85.00	85.00
Peak Hours	%	85.00	85.00	85.00	85.00	85.00	85.00
β- Average Monthly Frequency Response Performance ##	0-1						
Auxiliary Energy Consumption	%	6.25	5.75	5.75	5.75	5.75	5.75
Auxiliary Energy Consumption (FGD)	%		1.0	1.0	1.0	1.0	1.0
Gross Station Heat Rate	kCal/kWh	2236.74	2226.09	2226.09	2226.09	2226.09	2226.09
Specific Fuel Oil Consumption	ml/kWh	0.50	1.00	1.00	1.00	1.00	1.00
Cost of Coal/Lignite for WC1	in Days	50	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	23.26	25.78	27.13	28.56	30.06	31.64
Maintenance Spares for WC	% of O&M	20.00	20.00	20.00	20.00	20.00	20.00
Receivables for WC	in Days	45	45	45	45	45	45
Storage capacity of Primary fuel	MT	700000	700000	700000	700000	700000	700000
SBI 1 Year MCLR plus 350 basis point	%	12.00	11.90	11.90	11.90	11.90	11.90
Blending ratio of domestic coal/imported coal							
Norms for consumption of reagent							
Specific Limestone consumption for Wet Limestone FGD	g/kwh		21.6949				
Specific Limestone consumption for Lime Spray Dryer or Semi-dry FGD			NA				
Specific consumption of sodium bicarbonate			NA				
Specific Limestone consumption for CFBC based generating station			NA				
specific urea consumption of the SNCR			NA				
Specific ammonia consumption of the SCR			NA				
Transit and Handling Losses of coal or lignite, as applicable							
\$\$ Additional RoE due to better ramp rate would be claimed at the time of true-up or as per guidelines to be issued ## To be submitted at the time of trueing up FGD has been installed and commissioned at the station and a separate petition has been filed							
							Petitioner

**Part-I
FORM-3A
ADDITIONAL FORM**

Calculation of O&M Expenses

Name of the Company :	NTPC Limited
Name of the Power Station :	Solapur Super Thermal Power Station

Amount in Rs. Lakhs

S.No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	7	8
1	O&M expenses under Reg.36(1)(1)					
1a	Normative	34029.60	35811.60	37699.20	39679.20	41764.80
2	O&M expenses under Reg.36(1)(6)					
2a	Water Charges	3171.00	3488.00	3837.00	4221.00	4643.00
2a*	Power charges for pumping water					
2b	Security expenses	2064.70	2271.17	2498.29	2748.12	3022.93
2c	Capital Spares					
3	O&M expenses-Ash Transportation					
	Total O&M Expenses	39265.30	41570.77	44034.49	46648.32	49430.73

Security charges claimed on projection basis at an escalation of 10% from the actual for 2023-24
Water charges on projection basis @ 90% of allocated 43.8 MCM @ rate of Rs 12.25/cum, escalated @10%
Details of power charges shall be given at the time of true up
No ash transportation expenses claimed due to availability of ash sale fund as per para in main petition
Capital spares details shall be given at the time of true up

Petitioner

Abstract of Admitted Capital Cost for the existing Projects

(Amount in Rs lakh)

Name of the Company :	NTPC Limited		
Name of the Power Station :	Solapur Super Thermal Power Station		
Last date of order of Commission for the project	Date (DD-MM-YYYY)	02-08-2024	
Reference of petition no. in which the above order was passed	Petition no.	246/GT/2021	
Following details (whether admitted and /or considered) as on the last date of the period for which tariff is approved, in the above order by the Commission:			
Capital cost	(Rs. in lakh)	1014603.66	
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		865.38	
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)		0	
Gross Normative Debt		710222.56	
Cumulative Repayment		225768.12	
Net Normative Debt		484454.44	
Normative Equity		304381.1	
Cumulative Depreciation		275241.77	
Freehold land			
(Petitioner)			

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000511

T00001

D00001

Unsecured Loan From Jammu & Kashmir Bank-IV		
Source of Loan :	Jammu & Kashmir Bank-IV	
Currency :	INR	
Amount of Loan :	7,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawl:	31.03.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.85%	
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 :	Nil	
Moratorium effective from :	31.03.2017	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	2,10,00,00,000.00
	BONGAIGAON	62,00,00,000.00
	KUDGI	35,00,00,000.00
	MOUDA-II	36,00,00,000.00
	SOLAPUR	40,00,00,000.00
	TAPOVAN VISHNUGAD	46,00,00,000.00
	SIMHADRI-II	52,00,00,000.00
	PAKRI BARWADIH COAL MINE	19,00,00,000.00
Total Allocated Amount		5,00,00,00,000.00

Form 8

TRANCHE NO

BP NO 5050000442

T00001

D0004

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	10,00,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D0004-9.70%	
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 :	04.08.2015	
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-II	23,00,00,000
	BARH-I	45,00,00,000
	BONGAIGAON	61,00,00,000
	DARLIPALLI	68,00,00,000
	GADARWARA	1,25,00,00,000
	KOLDAM	29,00,00,000
	KUDGI-I	1,13,00,00,000
	LARA-I	1,65,00,00,000
	MOUDA-II	84,00,00,000
	NORTH KARANPURA	24,00,00,000
	RAMMAM	9,00,00,000
	SOLAPUR	1,11,00,00,000
	TANDA-II	7,00,00,000
	TAPOVAN VISHNUGARH	38,00,00,000
	UNCHAHAAR-IV	41,00,00,000
	VINDHYACHAL-V	57,00,00,000
Total Allocated Amount		10,00,00,00,000.00

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000442

T0001

D0005

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D0005-9.70%	
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 :	23.09.2015	
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	20,00,00,000
	BONGAIGAON	10,00,00,000
	DARLIPALLI	55,00,00,000
	GADARWARA	1,55,00,00,000
	KUDGI	1,30,00,00,000
	LARA	45,00,00,000
	MOUDA-II	35,00,00,000
	SOLAPUR	30,00,00,000
	UNCHAHAAR-IV	20,00,00,000
Total Allocated Amount		5,00,00,00,000.00

Form 8

TRANCHE NO

BP NO 5050000442

T00001

D0007

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	3,50,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D0007-9.30%	
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 :	15.10.2015	
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	12,00,00,000
	TAPOVAN VISHNUGAD	59,00,00,000
	BONGAIGAON	11,00,00,000
	SOLAPUR	43,00,00,000
	LARA	90,00,00,000
	GADARWARA	29,00,00,000
	NORTH KARANPURA	5,00,00,000
	DARLIPALLI	27,00,00,000
	KUDGI-I	19,00,00,000
	KOLDAM	10,00,00,000
	VINDHYACHAL-V	45,00,00,000
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 5050000442

T00001

D0008

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	5,00,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D0008-9.30%	
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 :	21.10.2015	
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	54,00,00,000
	TAPOVAN VISHNUGAD	13,00,00,000
	BONGAIGAON	23,00,00,000
	BARH-II	22,00,00,000
	KUDGI-I	81,00,00,000
	MOUDA-II	25,00,00,000
	SOLAPUR	35,00,00,000
	VINDHYACHAL-V	13,00,00,000
	LARA-I	85,00,00,000
	GADARWARA	49,00,00,000
	UNCHAHAHAR-IV	10,00,00,000
	NORTH KARANPURA	8,00,00,000
	DARLIPALLI	34,00,00,000
	TANDA-II	26,00,00,000
	PAKRI BARWADIH	12,00,00,000
	RIHAND-III	10,00,00,000
Total Allocated Amount		5,00,00,00,000

Form 8

TRANCHE NO

BP NO 5050000442

T00001

D00010

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	1,00,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00010-9.30%	
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 :	29.10.2015	
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
	SOLAPUR	55,00,00,000
	VINDHYACHAL-V	45,00,00,000
Total Allocated Amount		1,00,00,00,000.00

Form 8

TRANCHE NO

BP NO 5050000442

T00001

D00012

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	4,00,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00012-9.30%	
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 :	12.11.2015	
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	25,00,00,000
	BONGAIGAON	32,00,00,000
	DARLIPALLI	22,00,00,000
	GADARWARA	56,00,00,000
	KUDGI	30,00,00,000
	LARA	23,00,00,000
	MOUDA-II	44,00,00,000
	NORTH KARANPURA	17,00,00,000
	PAKRI BARWADIH	11,00,00,000
	SOLAPUR	62,00,00,000
	TANDA-II	15,00,00,000
	TAPOVAN VISHNUGAD	18,00,00,000
	UNCHAHAHAR-IV	12,00,00,000
	VINDHYACHAL-V	13,00,00,000
	MOUDA-I	20,00,00,000
Total Allocated Amount		4,00,00,00,000

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000442

T00001

D00013

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	4,00,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00013-9.30%	
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 :	01.12.2015	
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	18,00,00,000
	BONGAIGOAN	14,00,00,000
	DARLIPALLI	45,00,00,000
	GADARWARA	50,00,00,000
	KUDGI	45,00,00,000
	LARA	72,00,00,000
	MOUDA-II	32,00,00,000
	SOLAPUR	45,00,00,000
	UNCHAHAR-IV	21,00,00,000
	RAMMAM	15,00,00,000
	BARH-II	18,00,00,000
	VINDHYACHAL-IV	13,00,00,000
	MOUDA-I	12,00,00,000
Total Allocated Amount		4,00,00,00,000

Form 8

TRANCHE NO

BP NO 5050000442

T00001

D00016

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	5,00,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00016-9.30%	
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 :	31.03.2016	
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	2,24,00,00,000
	BONGAIGAON	60,00,00,000
	MOUDA-II	29,00,00,000
	TAPOVAN VISHNUGARH	51,00,00,000
	SOLAPUR	36,00,00,000
	KUDGI-I	30,00,00,000
	ANANTPUR SOLAR	70,00,00,000
Total Allocated Amount		5,00,00,00,000

Form 8

TRANCHE NO

BP NO 5050000321

T00001

D000010

Unsecured Loan From Union Bank of India-II		
Source of Loan :	Union Bank of India - II	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	50,00,00,000	
Date of Drawal:	21.06.2014	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D000010-10.25%	
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 :	4 Years	
Moratorium effective from :	21.06.2014	
Repayment Period (Inc Moratorium) :	14 Years	
Repayment Frequency :	20 Half Yearly	
Repayment Type :	AVG	
First Repayment Date :	01.02.2017	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	SOLAPUR	50,00,00,000
Total Allocated Amount		50,00,00,000.00

Form 8

TRANCHE NO

BP NO 5050000561

T00001

D00003

Unsecured Loan From HDFC Bank Ltd. V		
Source of Loan :	HDFC Bank Ltd. V	
Currency :	INR	
Amount of Loan :	25,00,00,00,000	
Total Drawn amount :	2,00,00,00,000	
Date of drawl	13.11.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.90%	
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 :	13.11.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	25.09.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	SOLAPUR	77,00,00,000
	PAKRI BARWADIH COAL MINE	26,00,00,000
	BONGAIGAON	27,00,00,000
	TELANGANA	12,00,00,000
	BARH - II	10,00,00,000
	ROJMAL WIND	15,00,00,000
	LARA	10,00,00,000
	CHATTI BARIATU CMB	15,00,00,000
	DULANGA COAL MINE	8,00,00,000
Total Allocated Amount		2,00,00,00,000

Form 8

TRANCHE NO

BP NO 5050000561

T00001

D00010

Unsecured Loan From HDFC Bank Ltd. V		
Source of Loan :	HDFC Bank Ltd. V	
Currency :	INR	
Amount of Loan :	25,00,00,00,000	
Total Drawn amount :	7,30,00,00,000	
Date of drawl	26.09.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.30%	
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 :	26.09.2018	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	25.09.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	60,00,00,000
	BONGAIGAON	12,00,00,000
	LARA-I	2,35,00,00,000
	SOLAPUR	37,00,00,000
	TAPOVAN VISHNUGARH	25,00,00,000
	TELANGANA	80,00,00,000
	KHARGONE	1,35,00,00,000
	GADARWARA	85,00,00,000
	FARAKKA	61,00,00,000
Total Allocated Amount		7,30,00,00,000

Form 8

TRANCHE NO

BP NO 5050000641

T00001

D00002

Unsecured Loan From HDFC Bank Ltd. VI		
Source of Loan :	HDFC Bank Ltd. VI	
Currency :	INR	
Amount of Loan :	15,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of drawl	11.10.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.30%	
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 :	11.10.2018	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	26.09.2025	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	55,00,00,000
	TAPOVAN VISHNUGARH	10,00,00,000
	BONGAIGAON	10,00,00,000
	SOLAPUR	14,00,00,000
	LARA-I	33,00,00,000
	GADARWARA	68,00,00,000
	NORTH KARANPURA	42,00,00,000
	DARLIPALLI	34,00,00,000
	TANDA II	31,00,00,000
	RAMMAM	3,00,00,000
	KHARGONE	48,00,00,000
	TELANGANA	42,00,00,000
	AURAIYA R&M	50,00,00,000
	NCTPP R&M	10,00,00,000
	KAWAS R&M	15,00,00,000
	GANDHAR R&M	35,00,00,000
Total Allocated Amount		5,00,00,00,000

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000641

T00001

D00003

Unsecured Loan From HDFC Bank Ltd. VI		
Source of Loan :	HDFC Bank Ltd. VI	
Currency :	INR	
Amount of Loan :	15,00,00,00,000	
Total Drawn amount :	3,00,00,00,000	
Date of drawl	01.01.2019	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.30%	
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 :	01.01.2019	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	26.09.2025	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	80,00,00,000
	TAPOVAN VISHNUGAD	30,00,00,000
	SOLAPUR	40,00,00,000
	GADARWARA	1,50,00,00,000
Total Allocated Amount		3,00,00,00,000

Form 8

TRANCHE NO

BP NO 5050000531

T00001

D0006

Unsecured Loan From SBI-IX		
Source of Loan :	SBI-IX	
Currency :	INR	
Amount of Loan :	30,00,00,00,000	
Total Drawn amount :	2,00,00,00,000	
Date of Drawal:	30.11.2017	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.90%	
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 :	30.11.2017	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	SOLAPUR	2,00,00,00,000
Total Allocated Amount		2,00,00,00,000.00

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000531

T00001

D0007

Unsecured Loan From SBI-IX		
Source of Loan :	SBI-IX	
Currency :	INR	
Amount of Loan :	30,00,00,00,000	
Total Drawn amount :	4,00,00,00,000	
Date of Drawal:	29.05.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.85%	
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 :	29.05.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	80,00,00,000
	TAPOVAN VISHNUGARH	30,00,00,000
	BONGAIGAON	40,00,00,000
	SOLAPUR	20,00,00,000
	GADARWARA	1,40,00,00,000
	NORTH KARANPURA	90,00,00,000
Total Allocated Amount		4,00,00,00,000.00

Form 8

TRANCHE NO

BP NO 5050000531

T00001

D0010

Unsecured Loan From SBI-IX		
Source of Loan :	SBI-IX	
Currency :	INR	
Amount of Loan :	30,00,00,00,000	
Total Drawn amount :	6,85,00,00,000	
Date of Drawal:	29.06.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.85%	
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 :	29.06.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	40,00,00,000
	TAPOVAN VISHNUGARH	15,00,00,000
	BONGAIGAON	15,00,00,000
	SOLAPUR	20,00,00,000
	LARA-I	55,00,00,000
	GADARWARA	1,00,00,00,000
	NORTH KARANPURA	60,00,00,000
	DARLIPALLI	45,00,00,000
	TANDA II	60,00,00,000
	RAMMAM	10,00,00,000
	KHARGONE	75,00,00,000
	TELANGANA	75,00,00,000
	TTPS R&M	10,00,00,000
	VINDHYACHAL R&M	10,00,00,000
	FARAKKA R&M	50,00,00,000
	DADRI GAS R&M	45,00,00,000
Total Allocated Amount		6,85,00,00,000.00

Form 8

TRANCHE NO

BP NO 5050000551

T00001

D00001

Unsecured Loan From SBI-X		
Source of Loan :	SBI- X	
Currency :	INR	
Amount of Loan :	40,00,00,00,000	
Total Drawn amount :	10,00,00,00,000	
Date of Drawal:	25.09.2017	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.90%	
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 :	25.09.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	2,40,97,00,000
	TAPOVAN VISHNUGARH	55,04,00,000
	BONGAIGAON	2,11,03,00,000
	SOLAPUR	1,49,66,00,000
	LARA	48,90,00,000
	GADARWARA	76,25,00,000
	UNCHAHAR STPP IV	30,00,00,000
	NORTH KARANPURA	1,02,00,00,000
	DARLIPALLI	60,00,00,000
	TANDA-II	26,15,00,000
Total Allocated Amount		10,00,00,00,000.00

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000551

T00001

D00002

Unsecured Loan From SBI-X		
Source of Loan :	SBI- X	
Currency :	INR	
Amount of Loan :	40,00,00,00,000	
Total Drawn amount :	2,00,00,00,000	
Date of Drawal:	04.10.2017	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.90%	
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 :	04.10.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	SOLAPUR	20,00,00,000
	LARA	20,00,00,000
	DARLIPALLI	25,00,00,000
	TANDA-II	35,00,00,000
	KHARGONE	30,00,00,000
	TELANGANA	15,00,00,000
	BARH - II	15,00,00,000
	KOLDAM	20,00,00,000
	PAKRI BARWADIH CMB	20,00,00,000
Total Allocated Amount		2,00,00,00,000.00

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000551

T00001

D00003

Unsecured Loan From SBI-X		
Source of Loan :	SBI-X	
Currency :	INR	
Amount of Loan :	40,00,00,00,000	
Total Drawn amount :	2,00,00,00,000	
Date of Drawal:	11.12.2017	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.90%	
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 :	11.12.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	TAPOVAN VISHNUGARH	30,00,00,000
	BONGAIGAON	20,00,00,000
	SOLAPUR	60,00,00,000
	LARA	50,00,00,000
	GADARWARA	40,00,00,000
Total Allocated Amount		2,00,00,00,000.00

Form 8

TRANCHE NO

BP NO 5050000551

T00001

D00008

Unsecured Loan From SBI-X		
Source of Loan :	SBI-X	
Currency :	INR	
Amount of Loan :	40,00,00,00,000	
Total Drawn amount :	6,00,00,00,000	
Date of Drawal:	31.03.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.85%	
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 :	31.03.2018	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	1,63,00,00,000
	TAPOVAN VISHNUGARH	47,00,00,000
	BONGAIGAON	39,00,00,000
	KUDGI	2,05,00,00,000
	LARA	5,00,00,000
	SOLAPUR	1,23,00,00,000
	PAKRI BARWADIH CMB	18,00,00,000
Total Allocated Amount		6,00,00,00,000.00

Form 8

TRANCHE NO

BP NO 5050000661

T00001

D00001

Unsecured Loan From SBI-XI		
Source of Loan :	SBI-XI	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawal:	11.10.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.30%	
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 :	11.10.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	75,00,00,000
	TAPOVAN VISHNUGARH	32,00,00,000
	BONGAIGAON	22,00,00,000
	SOLAPUR	22,00,00,000
	LARA-I	1,20,00,00,000
	GADARWARA	1,00,00,00,000
	RAMMAM	10,00,00,000
	CHATTI BARIATU CMB	19,00,00,000
	TANDA II	1,00,00,00,000
Total Allocated Amount		5,00,00,00,000.00

Form 8

TRANCHE NO

BP NO 5050000661

T00001

D00003

Unsecured Loan From SBI-XI		
Source of Loan :	SBI-XI	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawal:	12.11.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.30%	
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 :	12.11.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	2,85,00,00,000
	TAPOVAN VISHNUGARH	78,00,00,000
	BONGAIGAON	27,00,00,000
	SOLAPUR	99,00,00,000
	LARA-I	6,00,00,000
	GADARWARA	5,00,00,000
Total Allocated Amount		5,00,00,00,000.00

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000661

T00001

D00004

Unsecured Loan From SBI-XI		
Source of Loan :	SBI-XI	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	8,00,00,00,000	
Date of Drawal:	22.11.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.30%	
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 :	22.11.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	40,00,00,000
	TAPOVAN VISHNUGARH	11,00,00,000
	BONGAIGAON	11,00,00,000
	SOLAPUR	20,00,00,000
	LARA-I	50,00,00,000
	GADARWARA	55,00,00,000
	NORTH KARANPURA	36,00,00,000
	DARLIPALLI	40,00,00,000
	TANDA-II	10,00,00,000
	KHARGONE	75,00,00,000
	TELANGANA	75,00,00,000
	TALAI PALI COAL MINE	7,00,00,000
	RAMAGUNDAM I & II R&M	36,00,00,000
	VINDHYACHAL R&M	14,00,00,000
	FARAKKA R&M	10,00,00,000
	KAHALGAON R&M	10,00,00,000
	KHARGONE	2,00,00,00,000

	TELANGANA	1,00,00,00,000
Total Allocated Amount		8,00,00,00,000.00

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000661

T00001

D00005

Unsecured Loan From SBI-XI		
Source of Loan :	SBI-XI	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawal:	11.12.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.30%	
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 :	11.12.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	6,00,00,000
	TAPOVAN VISHNUGARH	7,00,00,000
	SOLAPUR	12,00,00,000
	LARA-I	40,00,00,000
	GADARWARA	75,00,00,000
	NORTH KARANPURA	10,00,00,000
	DARLIPALLI	60,00,00,000
	TANDA-II	30,00,00,000
	KHARGONE	1,00,00,00,000
	TELANGANA	1,20,00,00,000
	SINGRAULI R&M	20,00,00,000
	RAMAGUNDAM R&M	20,00,00,000
Total Allocated Amount		5,00,00,00,000.00

Form 8

TRANCHE NO

BP NO 5050000571

T00001

D00001

Unsecured Loan From Punjab National Bank-III		
Source of Loan :	Punjab National Bank-III	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	3,00,00,00,000	
Date of Drawl	01.02.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.80%	
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 :	01.02.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	01.02.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BONGAIGAON	25,00,00,000.00
	SOLAPUR	35,00,00,000.00
	NORTH KARANPURA	1,00,00,00,000.00
	DARLIPALLI	40,00,00,000.00
	KUDGI	1,00,00,00,000.00
Total Allocated Amount		3,00,00,00,000.00

Form 8

TRANCHE NO

BP NO 5050000571

T00001

D00003

Unsecured Loan From Punjab National Bank-III		
Source of Loan :	Punjab National Bank-III	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawl	13.08.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.05%	
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 :	13.08.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	01.02.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	30,00,00,000.00
	SOLAPUR	20,00,00,000.00
	TANDA-II	20,00,00,000.00
	TALLAIPALLI	50,00,00,000.00
	SINGRAULI R&M	80,00,00,000.00
	FARAKKA R&M	80,00,00,000.00
	RIHAND R&M	50,00,00,000.00
	DADRI GAS R&M	40,00,00,000.00
	KORBA R&M	40,00,00,000.00
	RAMAGUNDAM R&M	40,00,00,000.00
	VINDHAYACHAL R&M	30,00,00,000.00
	UNCHAHAHAR R&M	20,00,00,000.00
Total Allocated Amount		5,00,00,00,000.00

Form 8

TRANCHE NO

BP NO 5050000571

T00001

D00005

Unsecured Loan From Punjab National Bank-III		
Source of Loan :	Punjab National Bank-III	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawl	26.09.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.05%	
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 :	26.09.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	01.02.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	1,10,00,00,000.00
	BONGAIGAON	1,00,00,00,000.00
	KUDGI-I	35,00,00,000.00
	LARA-I	15,00,00,000.00
	PAKRI BARWADIH	35,00,00,000.00
	SOLAPUR	40,00,00,000.00
	TAPOVAN VISHNUGARH	40,00,00,000.00
	TANDA II	1,25,00,00,000.00
Total Allocated Amount		5,00,00,00,000.00

Form 8

TRANCHE NO

BP NO 5050000741

T00001

D00001

Unsecured Loan From SBI-XII		
Source of Loan :	SBI-XII	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	7,50,00,00,000	
Date of Drawal:	11.02.2019	
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 :	11.02.2019	
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	1,30,00,00,000.00
	TAPOVAN VISHNUGARH	15,00,00,000.00
	BONGAIGAON	65,00,00,000.00
	SOLAPUR	40,00,00,000.00
	GADARWARA	90,00,00,000.00
	DARLIPALLI	60,00,00,000.00
	TANDA-II	50,00,00,000.00
	KHARGONE	90,00,00,000.00
	TELANGANA	70,00,00,000.00
	CHATTI BARIATU	15,00,00,000.00
	DULANGA	20,00,00,000.00
	TALAIPALI	80,00,00,000.00
	NCPS-FGD	25,00,00,000.00
Total Allocated Amount		7,50,00,00,000.00

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
	KUDGI	5,00,00,00,000.00
	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	-3,00,00,00,000.00
	BARH-I	50,00,00,000
	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

Form 8

TRANCHE NO

BP NO 50500001041

T00001

D00001

Unsecured Loan From Bank Of India-IV

Source of Loan :	Bank Of India-IV	
Currency :	INR	
Amount of Loan :	220000000000	
Total Drawn amount :	16,00,00,00,000	
Date of Drawal :	07.12.2020	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	6.00%	
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 :	07.12.2020	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	Yearly	
Repayment Type :	AVG	
First Repayment Date :	07.12.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :		
Project Code	Project Name	Amount
	UNCHAHAR SOLAR PV	16,00,00,000
	VINDHYACHAL-V	60,00,00,000
	TALCHER SOLAR PV	20,00,00,000
	BARH I	20,00,00,000
	BARH-II	88,00,00,000
	KOLDAM	80,00,00,000
	PAKRI BARWADIH CMB	2,00,00,00,000

	SOLAPUR	1,72,00,00,000
	KUDGI	2,72,00,00,000
	LARA	1,36,00,00,000
	GADARWARA	1,46,00,00,000
	RAJGARH SOLAR PV	64,00,00,000
	LATA TAPOVAN	36,00,00,000
	DARLIPALLI	1,60,00,00,000
	BILHAUR SOLAR 140MW	60,00,00,000
	BILHAUR SOLAR 85MW	16,00,00,000
	SAMBHU KI BHURJ-II-TOKALA	54,00,00,000
Total Allocated Amount		16,00,00,00,000

Form 8

TRANCHE NO

BP NO 5050000981

T00001

D00004

Unsecured Loan From HDFC Bank Ltd. IX

Unsecured Loan From HDFC Bank Ltd. IX		
Source of Loan :	HDFC Bank Ltd. IX	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	16,10,00,00,000	
Date of drawl	24.08.2020	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	6.30%	
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 :	24.08.2020	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	12 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	30.06.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-II	2,54,31,57,061
	BONGAIGAON	2,06,81,00,000
	CHATTI BARIATU CMP	13,60,00,000
	JETSAR SOLAR	20,00,00,000
	KAHALGAON-II	11,43,64,133
	KHARGONE	1,20,00,00,000
	KOLDAM	4,54,00,000
	KORBA-III	2,14,43,267
	KUDGI	45,00,00,000
	LARA-I	7,85,71,430
	MOUDA-I	69,46,38,787
	MOUDA-II	1,60,00,00,000
	NORTH KARANPURA	50,00,00,000
	PAKRI BARWADIH CMB	1,07,21,55,097

	RAMMAM	50,00,00,000
	RIHAND-III	20,43,00,000
	SIMHADRI-II	22,70,00,000
	SIPAT-I	18,57,38,787
	SOLAPUR	53,79,74,298
	TANDA-II	1,20,00,00,000
	UNCHA HAR STPP IV	18,00,00,000
	VINDHYACHAL-IV	85,83,00,000
	VINDHYACHAL-V	1,48,28,57,140
Total Allocated Amount		16,10,00,00,000

TRANCHE NO

BP NO 5050000981

T00001

D00008

Unsecured Loan From HDFC Bank Ltd. IX		
Source of Loan :	HDFC Bank Ltd. IX	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of drawl	18.11.2020	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	5.95%	
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 :	18.11.2020	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	12 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	30.06.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH I	1,75,00,00,000.00
	BARAUNI-II	25,00,00,000.00
	SOLAPUR	20,00,00,000.00
	TTPS R&M	1,00,00,000.00
	SINGRAULI R&M	15,00,00,000.00
	KORBA R&M	15,00,00,000.00
	RAMAGUNDAM I & II R&M	43,50,00,000.00
	VINDHYACHAL R&M	18,00,00,000.00
	FARAKKA R&M	12,00,00,000.00
	UNCHAHAHAR R&M	16,00,00,000.00
	RIHAND R&M	16,00,00,000.00
	FARIDABAD R&M	1,50,00,000.00
	DADRI GAS R&M	3,00,00,000.00
	TSTPP R&M	11,50,00,000.00
	KAHALGAON R&M	16,00,00,000.00
	SIMHADRI R&M	1,50,00,000.00
	CHATTI BARIATU CMB	25,00,00,000.00
	TALAI PALI COAL MINE	75,00,00,000.00
	KIRENDARI	10,00,00,000.00
	Total Allocated Amount	5,00,00,00,000

BP NO 5050000981	TRANCHE NO T00001	D00010
Unsecured Loan From HDFC Bank Ltd. IX		
Source of Loan :	HDFC Bank Ltd. IX	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	6,83,00,00,000	
Date of drawl	24.12.2020	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	5.95%	
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 :	24.12.2020	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	12 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	30.06.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	TANDA-II	7,50,00,000.00
	BARH I	68,00,00,000.00
	NORTH KARANPURA	50,00,00,000.00
	GADARWARA	50,00,00,000.00
	LARA-I	30,00,00,000.00
	DARLIPALLI	10,00,00,000.00
	KHARGONE	84,00,00,000.00
	TAPOVAN VISHNUGARH	25,00,00,000.00
	RAMMAM	15,00,00,000.00
	BARAUNI-II	3,00,00,000.00

	RAMAGUNDAM FLOATING SOLAR	9,00,00,000.00
	BILHAUR SOLAR 140MW	6,00,00,000.00
	BILHAUR SOLAR 85MW	13,00,00,000.00
	AURAIYA SOLAR 20MW	3,20,00,000.00
	SIMHADRI FLOATING	1,50,00,000.00
	KAYAMKULAM FS (22 MW)	4,00,00,000.00
	JETSAR SOLAR	2,00,00,000.00
	FATEHGARH (296MW)	60,00,00,000.00
	BONGAIGAON	60,00,00,000.00
	SOLAPUR	10,00,00,000.00
	KORBA R&M	10,00,00,000.00
	VINDHYACHAL R&M	5,30,00,000.00
	FARAKKA R&M	2,50,00,000.00
	KIRENDARI	4,00,00,000.00
	PAKRI BARWADIH CMB	1,50,00,00,000.00
Total Allocated Amount		6,83,00,00,000

Form 8

TRANCHE NO

BP NO 5050000791

T00001

D00002

Unsecured Loan From HDFC Bank Ltd. VII

Source of Loan :	HDFC Bank Ltd. VII	
Currency :	INR	
Amount of Loan :	25,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of drawl	21.06.2019	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	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 :	6 Years	
Moratorium effective from :	21.06.2019	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	11.06.2026	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NCPS-FGD	10,00,00,000
	FSTPS R&M	10,00,00,000
	KORBA-R&M	10,00,00,000
	SOLAPUR	50,00,00,000
	MOUDA-II	50,00,00,000
	TELANGANA	30,00,00,000
	Singrauli-R&M	30,00,00,000
	Simhadri-R&M	15,00,00,000
	Korba-R&M	10,00,00,000
	Ramagundam-R&M	10,00,00,000
	VSTPS R&M	10,00,00,000
	TANDA-II	30,00,00,000
	DARLIPALLI	30,00,00,000
	NORTH KARANPURA	30,00,00,000
	GADARWARA	40,00,00,000
	LARA-I	15,00,00,000
	BARH-I	1,20,00,00,000
Total Allocated Amount		5,00,00,00,000

Name of the Company	NTPC LTD													
Name of the Power Station	Solapur													
Particulars			1	3	4									
	4.375 % Euro Bonds 2024	4.25 % Euro Bonds 2026	2.75% Fixed Rate Notes due 2027	JPY Equ. 350Million A	JPY Equ. 350Million B	4.5% Fixed Rate Notes due 2028	3.75% Euro Bonds 2024 II	JPY Equ. 750Million I	JPY Equ. 750Million II	JPY Equ. 750Million IV	JPY Equ. 750Million V	JPY Equ. 750Million VI	Euro Loan I	Euro Loan II
Source of Loan														
Drawal														
Currency	USD	USD	EUR	JPY	JPY	USD	USD	JPY	JPY	JPY	JPY	JPY	EUR	EUR
Amount of loan sanctioned	50,00,00,000	50,00,00,000	50,00,00,000	22,52,50,59,128	16,88,99,89,866	40,00,00,000	45,00,00,000	24,67,10,52,632	10,74,22,92,405	10,55,18,62,404	10,45,69,69,571	12,89,05,84,717	4,89,31,659	8,42,38,902
Amount of Gross Loan drawn upto 19.03.2024	50,00,00,000	50,00,00,000	50,00,00,000	22,52,50,59,128	16,88,99,89,866	40,00,00,000	45,00,00,000	24,67,10,52,632	10,74,22,92,405	10,55,18,62,404	10,45,69,69,571	12,89,05,84,717	4,89,31,659	8,42,38,902
Interest Type	Fixed	Fixed	Fixed	Floating	Floating	Fixed	Fixed	Floating	Floating	Floating	Floating	Floating	Floating	Floating
Fixed Interest Rate, if applicable	4.375% *	4.25% *	2.75% *	-	-	4.5% *	3.750%	-	-	-	-	-	-	-
Base Rate, if floating interest*	-	-	-	6 Month JPY Libor /3 Months TONA*	6 Month JPY Libor /3 Months TONA*	-	-	6 Month JPY Libor /3 Months TONA*	6 Month JPY Libor /3 Months TONA*	6 Month JPY Libor /3 Months TONA*	6 Month JPY Libor /3 Months TONA*	6 Month JPY Libor /3 Months TONA*	6 Month Euribor*	6 Month Euribor*
Margin, if floating interest rate	-	-	-	0.95%	0.95%	-	-	0.80%/1.02%	0.80%/1.02%	0.80%/1.02%	0.80%/1.02%	0.80%/1.02%	0.95%	0.95%
Are there any Caps / Floor	No	No	No	No	No	No	No	No	No	No	No	No	No	No
If above is Yes, specify Caps / Floor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moratorium Period	10 Years	10 Years	10 Years	9 Years	9 Years	10 Years	5 Years	6 Years	6 Years	6 Years	6 Years	6 Years	7	7
Moratorium effective from	26-Nov-2014	26-Feb-2016	01-Feb-2017	12-Nov-2017	12-Nov-2017	19-Mar-2018	03-Apr-2019	15-May-2020	15-May-2020	15-May-2020	15-May-2020	15-May-2020	07-Jun-2021	11-Aug-2021
Repayment period	Bullet payment	Bullet payment	Bullet payment	1 year	1 year	Bullet payment	Bullet payment	1 year	1 year	1 year	1 year	1 year	Bullet payment	Bullet payment
Repayment effective from	26-Nov-2024	26-Feb-2026	01-Feb-2027	12-Nov-2026	12-Nov-2026	19-Mar-2028	03-Apr-2024	15-May-2026	15-May-2026	15-May-2026	15-May-2026	15-May-2026	14-Aug-2028	14-Aug-2028
Repayment frequency	One time	One time	One time	Three Time	Three Time	One time	One time	Six Time	Six Time	Six Time	Six Time	Six Time	One Time	One Time
Repayment installment	50,00,00,000	50,00,00,000	50,00,00,000	7,50,83,53,043	5,62,99,96,622	40,00,00,000	45,00,00,000	6,16,77,63,158	2,68,55,73,101	2,63,79,65,601	2,61,42,42,393	3,22,26,46,179	4,89,31,659	8,42,38,902
								2,05,59,21,053	89,51,91,034	87,93,21,867	87,14,14,131	1,07,42,15,393		
Base Exchange Rate - 30/31-03-2019/Drawal Date	69.77	69.77	78.8400	0.6343	0.6343	69.77	68.61	0.65	0.70214	0.69356	0.70797	0.68864	89.1963	87.3090
Are foreign currency loan hedged	No	No	No	No	No	No	No	No	No	No	No	No	No	No
If above is Yes, specify details	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Name of the Projects			%	%	%	%	%	%	%	%	%	%	%	%
Solapur	13.49%	6.82%	4.39%	1.26%	5.66%	4.25%	4.85%	0.90%	1.15%	0.46%	4.06%	1.66%	1.65%	0.69%

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Solapur Super Thermal Power Station
COD	30-03-2019
For Financial Year	2024-29 (Summary)

		ACE Claimed (Projection)					Regulation	Justification	Admitted Cost by the Commission, if any
Sl. No.	Head of Work /Equipment	2024-25	2025-26	2026-27	2027-28	2028-29			
1	2	3	4	5	6	7	8	9	
A. Works eligible for RoE at Normal Rate									
1	Main Plant Civil	2,668.00	3300.00	1,100.00			25(1) & 102	As per relevant form 9	
2	CHP	1,460.00	800.00				25(1) & 102		
3	Ash handling system and AWRS	3,313.00	1700.00				25(1) & 102		
4	Ash dyke works		1100.00				25(1) & 102		
5	Makeup water civil works	623.00					25(1) & 102		
6	132 KV line work-Switchyard package	18,365.00	600.00				25(1) & 102		
7	SG package	725.00	2000.00	2,000.00			25(1) & 102		
8	Generator Transformer	1,234.00					25(1) & 102		
9	400/132KV Switchyard SCADA upgradation	200.00					25(2)(c)		
10	Data Concentrator Panel & SCADA System upgradation	99.00					25(2)(c)		
11	Alstom DCS HMI & Controller upgradation	1,500.00	1500.00				25(2)(c)		
12	Vibration Monitoring and Analysis System supplied in TG package	516.00					25(2)(c)		
	Total (A)	30,703.00	11,000.00	3,100.00	-	-			
B. Works beyond Original scope eligible for ROE at 1 year SBI MCLR+350 basis point subject to ceiling of 14%									
1	Online DGA for GT, Bus Reactor and ICT	150.00					26(1)(b)	As per relevant form 9	
2	Installation of individual PLC for all 4 Wagon tipplers	98.00					26(1)(i)		
3	Energy chain for Festooning trolley in Wagon Tipplers & Travelling trippers	150.00					26(1)(i)		
4	Supply, Erection/Installation and Commissioning of DM stream's Vessels	512.00					26(1)(i)		
5	Online insulating oil Dry out system for 400KV rated Transformers		160.00				26(1)(b)		
6	Standby CPU vessel		350.00				26(1)(i)		
7	Mill HAG replacement/modification		350.00	510.00	250.00		26(1)(i) & 19(3)(g)		
8	Separator safety valve upgradation/modification			310.00	310.00		26(1)(i) & 19(3)(g)		
	Total (B)	910.00	860.00	820.00	560.00	-			
Total Add. Cap. Claimed (A+B)		31,613.00	11,860.00	3,920.00	560.00	-			

(Petitioner)

Year wise Statement of Additional Capitalisation after COD								PART-I
								FORM-9
Name of the Petitioner		NTPC Limited						
Name of the Generating Station		Solapur Super Thermal Power Station						
COD		30-03-2019						
For Financial year		2024-25						
Amount in Rs Lakh								
S.No	Head of work/Equipment	Accrual basis as per IGAAP	Un discharged Liability included in Col. 3	Cash basis	IDC included in col 3	Regulations under which claimed	Justification	Admitted cosy by the commission if any
1	2	3	4	5=(3-4)	6	7	8	9
A For assets eligible for normal RoE								
Original works								
1	Main Plant Civil	2668.00	0.00	2668.00		25(1) & Reg 102	These works pertain to original scope of works, which have spilled over beyond cut off date due to reasons beyond the reasonable control of the petitioner. The reasons which led to the delay in COD of the main plant like ROU, Sand mining, PAPs agitation, QSGM etc. had cascading effect on the balance leftover works as the main thrust of the petitioner was to bring plant under operation so that beneficiaries start receiving power at the earliest. In the meanwhile with the onset of global pandemic COVID and the consequent lockdown severely impacted the balance works after cutt off date. Due to COVID entire work and material supply chain was severely impacted and this impact was a global issue and the material which is sourced from other countries also got delayed. It is further submitted that the due to various safety issues, clearances, protocols to be followed in a running plant also affects the balance leftover works and its capitalisation at a later date has avoided the front loading of tariff to the beneficiaries. As these balance leftover works are of minor nature as compared to approved cost of the plant and only constitute approx 3% to 4% of the total works. It is submitted that the petitioner had prayed for extension of cut off date in petition no 246/GT/2021 and the Hon'ble Commission vide its order dated 5.8.24 granted liberty for claiming original scope of works. In view of the above submission, the petitioner requests the Hon'ble Commission to allow these original scope of works. 132 KV line from from Solapur to Ujani Dam (approx 120 KM) is in the final stage of completion and it is expected to be capitalised in 2024-25. The petitioner has faced continuous resistance from the farmers and landowner over ROW issue for erecting transmission towers and stringing of cables. More than 90% of work is over and balance is expected to be completed in 2024-25. The petitioner and its agency is forced to take the help of local authority and police for completing the balance works of 132 KV line. The petitioner in its COD petition 582/GT/2020 and 2019-24 petition 246/GT/2021 had already explained this issue in great detail and the Hon'ble Commission acknowledged and condoned the delay on this aspect. Since these works are of original scope and and the Hon'ble Commission in the order dated 2.8.24 in petition no 246/GT/2021 has granted liberty to claim original scope of works, the same may be allowed. The supporting documents are attached as Annexure-A .	
2	CHP	1460.00	0.00	1460.00		25(1) & Reg 102		
3	Ash handling system and AWRS	3313.00	0.00	3313.00		25(1) & Reg 102		
4	Makeup water civil works	623.00	0.00	623.00		25(1) & Reg 102		
5	132 KV line work-Switchyard package	18365.00	0.00	18365.00		25(1) & Reg 102		
6	SG package	725.00	0.00	725.00		25(1) & Reg 102		
7	Generator Transformer	1234.00	0.00	1234.00		25(1) & Reg 102		
New works								
8	400/132KV Switchyard SCADA upgradation	200.00	0.00	200.00	0.00	25(2)(c)	It is submitted that this SCADA system used for gathering online data from switchyard has become obsolete and no support is available from OEM and therefore needs upgradation. The obsolescence document is attached as Annexure-B . In view of the above submission, the petitioner requests the Hon'ble Commission to allow the said work.	
9	Data Concentrator Panel & SCADA System upgradation	99.00	0.00	99.00		25(2)(c)	It is submitted that this data concentrator system used for gathering online data from different switchgears like current, voltage has become obsolete and no support is available from OEM and therefore needs upgradation. The obsolescence document is attached as Annexure-C . In view of the above submission, the petitioner requests the Hon'ble Commission to allow the said work.	

10	DCS HMI & Controller upgradation	1500.00	0.00	1500.00	25(2)(c)	Current DCS HMI controller is based on window 7 for which no further support is available from OEM, therefore, HMI needs upgradation based on latest window version. Window 7 is vulnerable due to cyber security threat, therefore system needs upgradation. The supporting document is attached as Annexure-D . In view of the above submission, the petitioner requests the Hon'ble Commission to allow the said work.
11	Vibration Monitoring and Analysis System supplied in TG package	516.00	0.00	516.00	25(2)(c)	Vibration monitoring and analysis system in TG has been declared obsolete by the OEM and therefore upgradation is required as per OEM. The supporting documents is attached as Annexure-E . In view of the above submission, the petitioner requests the Hon'ble Commission to allow the said work.
	Total A	30703.00	0.00	30703.00	0.00	
	B Works beyond Original scope eligible for ROE at 1 year SBI MCLR+350 basis point subject to ceiling of 14%					
1	Online DGA for GT, Bus Reactor and ICT	150.00	0.00	150.00	26(1)(b)	Online dissolved gas analyser (DGA) has to be installed in GT, ICT and bus reactors for enhanced safety and better monitoring of the system, the benefit of which shall accrue to the beneficiaries in terms of better availability of the system.. This is as per guidelines issued by the CEA vide notification dated, 23rd December 2022 (Extract of notification attached as Annexure-F) In view of the above submission, the petitioner requests the Hon'ble Commission to allow the said work.
2	Installation of individual PLC for all 4 Wagon tipplers	98.00	0.00	98.00	26(1)(i)	It is submitted that currently, all wagon tipplers are controlled by single existing common PLC system. In case of any fault in PLC, all wagon tipplers become inoperational which impacts coal unloading and hence plant operation. Solapur being a non pit head station is dependent on coal from different sources and hence unavailability of wagon tipplers impact plant operation greatly and generation is impacted. Due to issue in coal unloading and demurrages charges are paid to Railways . Individual PLC for all 4 wagon tipplers shall give better control, redundancy and maintenance of system. This is part of system improvement and efficient operation, the benefit of which shall accrue to the beneficiaries in terms of better availability of the system.. In view of the above submission, the petitioner requests the Hon'ble Commission to allow the said work.
3	Energy chain for Festooning trolley in Wagon Tipplers & Travelling trippers	150.00	0.00	150.00	26(1)(i)	As brought out above, the existing power cables used in wagon tipplers gets entangled due to movement of unloading arm of wagon tipplers which leads to delay in unloading of coal and demurrage charges. Energy chains are proposed to be installed for wagon tipplers and travelling trippers for system improvement and efficient operation, the benefit of which shall accrue to the beneficiaries in terms of better availability of the system. In view of the above submission, the petitioner requests the Hon'ble Commission to allow the said work.
4	Capacity Enhancement of DM stream's Vessels	512.00	0.00	512.00	26(1)(i)	It is submitted that due to change in raw water quality (High TDS and other minerals), the existing DM water vessels are not able to achieve the parameters and high cost is being incurred for regenerations and maintaining DM water quality. Accordingly, capacity of DM water vessels is being enhanced to support the uninterrupted supply of make up water for plant operation. This initiative is part of the system reliability and efficient operation, thus maintaining the sustained generation, the benefit of which shall accrue to the beneficiaries in terms of better availability of the system. ION EXCHANGE INDIA Ltd which is the original OEM has also verified the change in raw water quality and recommended enhancement in capacity of DM water system (Relevant documents is attached as Annexure-G). In view of the above submission, the petitioner requests the Hon'ble Commission to allow the said work.
	Total B	910.00	0.00	910.00	0.00	
	Total (A+B)	31613.00	0.00	31613.00	0.00	
		31613.00	0.00	31613.00	0.00	
Petitioner						

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		NTPC Ltd							
Name of the Generating Station		Solapur							
COD		30.03.2019							
For Financial year		2025-26							
S.No	Head of work/Equipment	ACE Claimed (Projection)					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	
A	For assets eligible for normal RoE								
	Original works								
1	Main Plant Civil	3300.00	0.00	3300.00		25(1) & Reg 102	As per justifications given in form-9_24-25 for original scope of works.		
2	CHP	800.00	0.00	800.00		25(1) & Reg 102			
3	Ash handling system and AWRS	1700.00	0.00	1700.00		25(1) & Reg 102			
4	Ash dyke works	1100.00	0.00	1100.00		25(1) & Reg 102			
5	132 KV line work-Switchyard package	600.00	0.00	600.00		25(1) & Reg 102			
6	SG package	2000.00	0.00	2000.00		25(1) & Reg 102			
7	New works								
8	Alstom DCS HMI & Controller	1500.00	0.00	1500.00		25(2)(c)	As per justifications given in form-9_24-25		
	Total A	11000.00	0.00	11000.00					
B	Works beyond Original scope eligible for ROE at 1 year SBI MCLR+350 basis point subject to ceiling of 14%								
1	Online insulating oil Dry out system for 400KV rated Transformers	160.00	0.00	160.00		26(1)(b)	As per CEA guidelines dated 20.09.2023 (Attached as Annexure-H)the online insulating dry out system is being implemented in transformers. This system helps in achieving desired oil quality and removal of moisture and continuous monitoring of the oil quality, the benefit of which shall accrue to the beneficiaries in terms of better availability of the system. This is being done as per CEA guidelines. In view of the above submission, the petitioner requests the Hon'ble Commission to allow the said work.		
2	Standby CPU vessel	350.00	0.00	350.00		26(1)(i)	There is no provision for standby CPU (condensate polishing unit) in the existing units of solapur. The existing CPU vessels remain in 100% operation for achieving desired parameters of condensate. Due to any fault and breakdown in one of the vessels, generation has to be reduced correspondingly. Standby CPU vessel shall ensure continuous generation and enhanced efficiency and reliability of the system, the benefit of which shall accrue to the beneficiaries in terms of better availability of the system. In view of the above submission, the petitioner requests the Hon'ble Commission to allow the said work.		

Name of the Petitioner		NTPC Ltd.								
Name of the Generating Station		Solapur								
COD		30.03.2019								
For Financial Year		2026-27								
									Amount in Rs Lakh	
Sl. No.	Head of Work /Equipment	ACE Claimed (Projection)					Regulation under which claimed	Justification	Admitted Cost by the Commission, if any	
		Accrual basis as per Note-2 of BS	IND AS Adj	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3B	Cash basis				IDC included in col. 3B
1	2	3	3A	3B(=3+3A)	4	5=3B-4	6	7	8	9
A For assets eligible for normal RoE										
Original works										
1	Main Plant Civil	1,100.00		1,100.00	-	1,100.00		25(1) & Reg 102	As per justification given in form 9_24-25	
2	SG package	2,000.00		2,000.00	-	2,000.00		25(1) & Reg 102	As per justification given in form 9_24-25	
New works										
Total A		3,100.00	-	3,100.00	-	3,100.00	-			
B Works beyond Original scope eligible for ROE at 1 year SBI MCLR+350 basis point subject to ceiling of 14%										
1	Mill HAG replacement/modification	200.00	-	200.00		200.00		26(1)(i) & 19(3)(g)	As per justification given in form 9_25-26	
2	Separator safety valve upgradation	310.00		310.00		310.00		26(1)(i) & 19(3)(g)	It is submitted that OEM of the separator safety valves has recommended for change in material quality and components of valves for better efficiency of the system and reduced leakages. Safety valves shall be upgraded to ensure better efficiency of the system, the benefit of which shall accrue to the beneficiaries in terms of better availability of the system. In view of the above submission, the petitioner requests the Hon'ble Commission to allow the said work.	
Total B		510.00	-	510.00	-	510.00				
TOTAL(A+B)		3,610.00	-	3,610.00	-	3,610.00				

(Petitioner)

Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	Solapur
COD	30.03.2019
For Financial Year	2027-28

Amount in Rs Lakh										
Sl. No.	Head of Work /Equipment	ACE Claimed (Projection)						Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note-2 of BS	IND AS Adj	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3B	Cash basis	IDC included in col. 3B			
1	2	3	3A	3B(=3+3A)	4	5=3B-4	6	7	8	9
A	For assets eligible for normal RoE									
	Total A	-	-	-	-	-	-			
B	Works beyond Original scope eligible for ROE at 1 year SBI MCLR+350 basis point subject to ceiling of 14%									
1	Mill HAG replacement/modification	250.00		250.00		250.00		26(1)(i) & 19(3)(g)	As per justification given in form 9_25-26	
2	Separator safety valve upgradation	310.00	0.00	310.00	0.00	310.00		26(1)(i) & 19(3)(g)	As per justification given in form 9_26-27	
	Total B	560.00	-	560.00	-	560.00				
	TOTAL (A+B)	560.00	-	560.00	-	560.00	-			

(Petitioner)

Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	Solapur
COD	30.03.2019
For Financial Year	2028-29

Amount in Rs Lakh

Sl. No.	Head of Work /Equipment	ACE Claimed (Projection)						Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note-2 of BS	IND AS Adj	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3B	Cash basis	IDC included in col. 3B			
1	2	3	3A	3B(=3+3A)	4	5=3B-4	6	7	8	9
A	For assets eligible for normal RoE									
	Total A	-	-	-	-	-	-	-		
B	Works beyond Original scope eligible for ROE at 1 year SBI MCLR+350 basis point subject to ceiling of 14%									
	Total B	-	-	-	-	-	-	-		
	TOTAL (A+B)	-	-	-	-	-	-	-		

(Petitioner)

Calculation of Depreciation

Name of the Company :		NTPC Ltd		
Name of the Power Station :		Solapur STPS		
		(Amount in Rs Lakh)		
Sl.No.	Name of the Assets	Gross Block as on 01.04.2024	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation amount
1	2			
1	Freehold Land	55095.96	0.00%	0.000
2	Leasehold Land	2094.73	3.34%	69.964
3	Land - Right of use	5469.21	3.34%	182.672
4	Roads, bridges, culverts & he	7164.36	3.34%	239.290
5	Main Plant Buildings	28696.91	3.34%	958.477
6	Other Buildings	24878.74	3.34%	830.950
7	Temporary erection	29.36	100.00%	29.358
8	Water supply, drainage & sew	6184.55	5.28%	326.544
9	Railway siding	30289.56	5.28%	1599.289
10	Earth dam reservoir	1433.97	5.28%	75.714
11	Plant and machinery	862635.57	5.28%	45547.158
12	Furniture and fixtures	2402.59	6.33%	152.084
13	Other Office Equipments	2136.81	6.33%	135.260
14	EDP, WP machines & SATCC	721.53	15.00%	108.230
15	Vehicles including speedboat	40.82	9.50%	3.878
16	Construction equipment	1254.64	5.28%	66.245
17	Electrical installations	8396.47	5.28%	443.334
18	Communication equipment	732.94	6.33%	46.395
19	Hospital equipment	199.04	5.28%	10.509
20	Laboratory and workshop equ	301.27	5.28%	15.907
21	Software	169.19	15.00%	25.379
22	Capital Spares	35669.58	5.28%	1883.354
	TOTAL	1075997.80		52749.99
	Weighted Average Rate of Depreciation (%)			4.9024

Statement of Depreciation

Name of the Company :	NTPC Limited
Name of the Power Station :	Solapur Super Thermal Power Station

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8
1	Opening Capital Cost	966087.53	989823.39	1021436.39	1033296.39	1037216.39	1037776.39
2	Closing Capital Cost	989823.39	1021436.39	1033296.39	1037216.39	1037776.39	1037776.39
3	Average Capital Cost	977955.46	1005629.89	1027366.39	1035256.39	1037496.39	1037776.39
1a	Cost of IT Equipments & Software included in (1) above	846.89	846.89	846.89	846.89	846.89	846.89
2a	Cost of IT Equipments & Software included in (2) above	846.89	846.89	846.89	846.89	846.89	846.89
3a	Average Cost of IT Equipments & Software	846.89	846.89	846.89	846.89	846.89	846.89
4	Freehold land	52,394.56	52,394.56	52,394.23	52,393.56	52,393.56	52,393.56
5	Rate of depreciation	4.8993	4.9024	4.9024	4.9024	4.9024	4.9024
6	Depreciable value	8,33,089.50	8,57,996.48	8,77,559.63	8,84,661.24	8,86,677.24	8,86,929.24
7	Balance useful life at the beginning of the period	21.00	20.00	19	18	17	16
8	Remaining depreciable value	6,13,006.18	5,90,121.14	5,60,384.29	5,17,120.29	4,68,383.88	4,17,773.66
9	Depreciation (for the period)	47,912.97	49,300.00	50,365.61	50,752.41	50,862.22	50,875.95
10	Depreciation (annualised)	47,912.97	49,300.00	50,365.61	50,752.41	50,862.22	50,875.95
11	Cumulative depreciation at the end of the period		3,17,175.34	3,67,540.95	4,18,293.36	4,69,155.58	5,20,031.53
12	Less: Cumulative depreciation adjustment on account of undischarged 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	120.95	-	-	-	-	-
15	Net Cumulative depreciation at the end of the period after adjustments	2,67,875.34	3,17,175.34	3,67,540.95	4,18,293.36	4,69,155.58	5,20,031.53

(Petitioner)

Form-13

Sl. no.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
	2					
1	4.375% Eurobonds 2024- Bullet Repayment 26.11.2024					
	Gross loan - Opening	47,077.32	47,077.32	47,077.32	47,077.32	47,077.32
	Cumulative repayments of Loans upto previous period	-	47,077.32	47,077.32	47,077.32	47,077.32
	Net loan - Opening	47,077.32	-	-	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	47,077.32	-	-	-	-
	Repayments of Loans during the period	47,077.32	-	-	-	-
	Net loan - Closing	-	-	-	-	-
	Average Net Loan	23,538.66	-	-	-	-
	Rate of Interest on Loan	4.6277%				
	Interest on Loan Annualised	1,089.30	-	-	-	-
2	4.25% Eurobonds 2026- Bullet Repayment on 26.02.2026					
	Gross loan - Opening	23,787.04	23,787.04	23,787.04	23,787.04	23,787.04
	Cumulative repayments of Loans upto previous period	-	-	23,787.04	23,787.04	23,787.04
	Net loan - Opening	23,787.04	23,787.04	-	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	23,787.04	23,787.04	-	-	-
	Repayments of Loans during the period	-	23,787.04	-	-	-
	Net loan - Closing	23,787.04	-	-	-	-
	Average Net Loan	23,787.04	11,893.52	-	-	-
	Rate of Interest on Loan	4.4955%	4.4955%	0.0000%	0.0000%	0.0000%
	Interest on Loan Annualised	1,069.35	534.67	-	-	-
3	2.75% Eurobonds 2027- Bullet Repayment on 01.02.2027					
	Gross loan - Opening	17,286.78	17,286.78	17,286.78	17,286.78	17,286.78
	Cumulative repayments of Loans upto previous period	-	-	-	-	17,286.78
	Net loan - Opening	17,286.78	17,286.78	17,286.78	17,286.78	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	17,286.78	17,286.78	17,286.78	17,286.78	-
	Repayments of Loans during the period	-	-	-	17,286.78	-
	Net loan - Closing	17,286.78	17,286.78	17,286.78	-	-
	Average Net Loan	17,286.78	17,286.78	17,286.78	8,643.39	-
	Rate of Interest on Loan	2.9088%	2.9088%	2.9088%	2.9088%	0.0000%
	Interest on Loan Annualised	502.84	502.84	502.84	251.42	-
4	4.5% Euro Bonds 2028 Repayment 19.03.2028					
	Gross loan - Opening	11,855.94	11,855.94	11,855.94	11,855.94	11,855.94
	Cumulative repayments of Loans upto previous period	-	-	-	-	11,855.94
	Net loan - Opening	11,855.94	11,855.94	11,855.94	11,855.94	-
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	11,855.94	11,855.94	11,855.94	11,855.94	-
	Repayments of Loans during the period	-	-	-	11,855.94	-
	Net loan - Closing	11,855.94	11,855.94	11,855.94	-	-
	Average Net Loan	11,855.94	11,855.94	11,855.94	5,927.97	-
	Rate of Interest on Loan	4.7599%	4.7599%	4.7599%	4.7599%	0.0000%
	Interest on Loan Annualised	564.33	564.33	564.33	282.17	-
5	JPY Equ. 350Million Repayment 12-11-2026					
	Gross loan - Opening	7,855.96	7,855.96	7,855.96	7,855.96	7,855.96
	Cumulative repayments of Loans upto previous period	-	-	-	2,618.65	5,237.31
	Net loan - Opening	7,855.96	7,855.96	7,855.96	5,237.31	2,618.65
	Increase/ Decrease due to FERV					

	Increase/ Decrease due to ACE/Drawl during the period					
	Total	7,855.96	7,855.96	7,855.96	5,237.31	2,618.65
	Repayments of Loans during the period	-	-	2,618.65	2,618.65	2,618.65
	Net loan - Closing	7,855.96	7,855.96	5,237.31	2,618.65	-
	Average Net Loan	7,855.96	7,855.96	6,546.63	3,927.98	1,309.33
	Rate of Interest on Loan	1.0219%	1.0219%	1.0219%	1.0219%	1.0219%
	Interest on Loan Annualised	80.28	80.28	66.90	40.14	13.38
6	3.75% Euro Bonds 2024 II Repayment 03-04-2024					
	Gross loan - Opening	14,963.53	14,963.53	14,963.53	14,963.53	14,963.53
	Cumulative repayments of Loans upto previous period	-	14,963.53	14,963.53	14,963.53	14,963.53
	Net loan - Opening	14,963.53	-	-	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	14,963.53	-	-	-	-
	Repayments of Loans during the period	14,963.53	-	-	-	-
	Net loan - Closing	-	-	-	-	-
	Average Net Loan	7,481.77	-	-	-	-
	Rate of Interest on Loan	3.9666%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on Loan Annualised	296.77	-	-	-	-
7	JPY Equ. 750Million I Repayment 15-05-2026					
	Gross loan - Opening	1,456.80	1,456.80	1,456.80	1,456.80	1,456.80
	Cumulative repayments of Loans upto previous period	-	-	-	242.80	485.60
	Net loan - Opening	1,456.80	1,456.80	1,456.80	1,214.00	971.20
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	1,456.80	1,456.80	1,456.80	1,214.00	971.20
	Repayments of Loans during the period	-	-	242.80	242.80	242.80
	Net loan - Closing	1,456.80	1,456.80	1,214.00	971.20	728.40
	Average Net Loan	1,456.80	1,456.80	1,335.40	1,092.60	849.80
	Rate of Interest on Loan	0.9185%	0.9185%	0.9185%	0.9185%	0.9185%
	Interest on Loan Annualised	13.38	13.38	12.27	10.04	7.81
8	JPY Equ. 750Million II 15-05-2026					
	Gross loan - Opening	870.85	870.85	870.85	870.85	870.85
	Cumulative repayments of Loans upto previous period	-	-	-	145.14	290.28
	Net loan - Opening	870.85	870.85	870.85	725.70	580.56
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	870.85	870.85	870.85	725.70	580.56
	Repayments of Loans during the period	-	-	145.14	145.14	145.14
	Net loan - Closing	870.85	870.85	725.70	580.56	435.42
	Average Net Loan	870.85	870.85	798.28	653.13	507.99
	Rate of Interest on Loan	0.9185%	0.9185%	0.9185%	0.9185%	0.9185%
	Interest on Loan Annualised	8.00	8.00	7.33	6.00	4.67
9	JPY Equ. 750Million IV 15-05-2026					
	Gross loan - Opening	333.83	333.83	333.83	333.83	333.83
	Cumulative repayments of Loans upto previous period	-	-	-	55.64	111.28
	Net loan - Opening	333.83	333.83	333.83	278.19	222.55
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	333.83	333.83	333.83	278.19	222.55
	Repayments of Loans during the period	-	-	55.64	55.64	55.64
	Net loan - Closing	333.83	333.83	278.19	222.55	166.91
	Average Net Loan	333.83	333.83	306.01	250.37	194.73
	Rate of Interest on Loan	0.9185%	0.9185%	0.9185%	0.9185%	0.9185%
	Interest on Loan Annualised	3.07	3.07	2.81	2.30	1.79
10	JPY Equ. 750Million V 15-05-2026					
	Gross loan - Opening	3,005.65	3,005.65	3,005.65	3,005.65	3,005.65
	Cumulative repayments of Loans upto previous period	-	-	-	500.94	1,001.88
	Net loan - Opening	3,005.65	3,005.65	3,005.65	2,504.71	2,003.77

	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	3,005.65	3,005.65	3,005.65	2,504.71	2,003.77
	Repayments of Loans during the period	-	-	500.94	500.94	500.94
	Net loan - Closing	3,005.65	3,005.65	2,504.71	2,003.77	1,502.83
	Average Net Loan	3,005.65	3,005.65	2,755.18	2,254.24	1,753.30
	Rate of Interest on Loan	0.8893%	0.8893%	0.8893%	0.8893%	0.8893%
	Interest on Loan Annualised	26.73	26.73	24.50	20.05	15.59
11	JPY Equ. 750Million VI 15-05-2026					
	Gross loan - Opening	1,472.00	1,472.00	1,472.00	1,472.00	1,472.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	1,472.00	1,472.00	1,472.00	1,472.00	1,472.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	1,472.00	1,472.00	1,472.00	1,472.00	1,472.00
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	1,472.00	1,472.00	1,472.00	1,472.00	1,472.00
	Average Net Loan	1,472.00	1,472.00	1,472.00	1,472.00	1,472.00
	Rate of Interest on Loan	0.8893%	0.8893%	0.8893%	0.8893%	0.8893%
	Interest on Loan Annualised	13.09	13.09	13.09	13.09	13.09
12	Euro Loan I Repayment 14-08-2028					
	Gross loan - Opening	719.00	719.00	719.00	719.00	719.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	719.00	719.00	719.00	719.00	719.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	719.00	719.00	719.00	719.00	719.00
	Repayments of Loans during the period	-	-	-	-	719.00
	Net loan - Closing	719.00	719.00	719.00	719.00	-
	Average Net Loan	719.00	719.00	719.00	719.00	359.50
	Rate of Interest on Loan	5.0650%	5.0650%	5.0650%	5.0650%	5.0650%
	Interest on Loan Annualised	36.42	36.42	36.42	36.42	18.21
13	Euro Loan II Repayment 14-08-2028					
	Gross loan - Opening	509.00	509.00	509.00	509.00	509.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	509.00	509.00	509.00	509.00	509.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	509.00	509.00	509.00	509.00	509.00
	Repayments of Loans during the period	-	-	-	-	509.00
	Net loan - Closing	509.00	509.00	509.00	509.00	-
	Average Net Loan	509.00	509.00	509.00	509.00	254.50
	Rate of Interest on Loan	5.0634%	5.0634%	5.0634%	5.0634%	5.0634%
	Interest on Loan Annualised	25.77	25.77	25.77	25.77	12.89
14	CORPORATION BANK-III repayment from 28.03.2018 20HY					
	Gross loan - Opening	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00
	Cumulative repayments of Loans upto previous period	1,500.00	1,750.00	2,000.00	2,250.00	2,500.00
	Net loan - Opening	1,000.00	750.00	500.00	250.00	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	1,000.00	750.00	500.00	250.00	-
	Repayments of Loans during the period	250.00	250.00	250.00	250.00	-
	Net loan - Closing	750.00	500.00	250.00	-	-
	Average Net Loan	875.00	625.00	375.00	125.00	-
	Rate of Interest on Loan	8.1000%	8.1000%	8.1000%	8.1000%	0.0000%
	Interest on Loan Annualised	70.88	50.63	30.38	10.13	-
15	HDFC BANK-III repayment from 04.12.2021 9Y					
	Gross loan - Opening	35,500.00	35,500.00	35,500.00	35,500.00	35,500.00
	Cumulative repayments of Loans upto previous period	11,833.33	15,777.78	19,722.22	23,666.67	27,611.11

	Net loan - Opening	23,666.67	19,722.22	15,777.78	11,833.33	7,888.89
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	23,666.67	19,722.22	15,777.78	11,833.33	7,888.89
	Repayments of Loans during the period	3,944.44	3,944.44	3,944.44	3,944.44	3,944.44
	Net loan - Closing	19,722.22	15,777.78	11,833.33	7,888.89	3,944.44
	Average Net Loan	21,694.44	17,750.00	13,805.56	9,861.11	5,916.67
	Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
	Interest on Loan Annualised	1,724.71	1,411.13	1,097.54	783.96	470.38
16	J&K Bank IV repayment from 31.03.2021 -9 Yearly					
	Gross loan - Opening	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
	Cumulative repayments of Loans upto previous period	1,333.33	1,777.78	2,222.22	2,666.67	3,111.11
	Net loan - Opening	2,666.67	2,222.22	1,777.78	1,333.33	888.89
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	2,666.67	2,222.22	1,777.78	1,333.33	888.89
	Repayments of Loans during the period	444.44	444.44	444.44	444.44	444.44
	Net loan - Closing	2,222.22	1,777.78	1,333.33	888.89	444.44
	Average Net Loan	2,444.44	2,000.00	1,555.56	1,111.11	666.67
	Rate of Interest on Loan	7.9800%	7.9800%	7.9800%	7.9800%	7.9800%
	Interest on Loan Annualised	195.07	159.60	124.13	88.67	53.20
17	SBI VIII Total repayment from 31.01.2022 -9Y					
	Gross loan - Opening	41,700.00	41,700.00	41,700.00	41,700.00	41,700.00
	Cumulative repayments of Loans upto previous period	13,900.00	18,533.33	23,166.67	27,800.00	32,433.33
	Net loan - Opening	27,800.00	23,166.67	18,533.33	13,900.00	9,266.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	27,800.00	23,166.67	18,533.33	13,900.00	9,266.67
	Repayments of Loans during the period	4,633.33	4,633.33	4,633.33	4,633.33	4,633.33
	Net loan - Closing	23,166.67	18,533.33	13,900.00	9,266.67	4,633.33
	Average Net Loan	25,483.33	20,850.00	16,216.67	11,583.33	6,950.00
	Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
	Interest on Loan Annualised	2,089.63	1,709.70	1,329.77	949.83	569.90
18	Union Bank of India II repayment from 01.02.2017 - 20HY					
	Gross loan - Opening	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
	Cumulative repayments of Loans upto previous period	3,750.00	4,250.00	4,750.00	5,000.00	5,000.00
	Net loan - Opening	1,250.00	750.00	250.00	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	1,250.00	750.00	250.00	-	-
	Repayments of Loans during the period	500.00	500.00	250.00	-	-
	Net loan - Closing	750.00	250.00	-	-	-
	Average Net Loan	1,000.00	500.00	125.00	-	-
	Rate of Interest on Loan	8.1000%	8.1000%	8.1000%	8.1000%	8.1000%
	Interest on Loan Annualised	81.00	40.50	10.13	-	-
19	HDFC Bank Limited-V Total Repayment 25.09.2024					
	Gross loan - Opening	11,400.00	11,400.00	11,400.00	11,400.00	11,400.00
	Cumulative repayments of Loans upto previous period	-	1,266.67	2,533.33	3,800.00	5,066.67
	Net loan - Opening	11,400.00	10,133.33	8,866.67	7,600.00	6,333.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	11,400.00	10,133.33	8,866.67	7,600.00	6,333.33
	Repayments of Loans during the period	1,266.67	1,266.67	1,266.67	1,266.67	1,266.67
	Net loan - Closing	10,133.33	8,866.67	7,600.00	6,333.33	5,066.67
	Average Net Loan	10,766.67	9,500.00	8,233.33	6,966.67	5,700.00
	Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
	Interest on Loan Annualised	855.95	755.25	654.55	553.85	453.15
20	HDFC Bank Limited-VI Total Repayment 26.09.2025					

	Gross loan - Opening	5,400.00	5,400.00	5,400.00	5,400.00	5,400.00
	Cumulative repayments of Loans upto previous period	-	-	600.00	1,200.00	1,800.00
	Net loan - Opening	5,400.00	5,400.00	4,800.00	4,200.00	3,600.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	5,400.00	5,400.00	4,800.00	4,200.00	3,600.00
	Repayments of Loans during the period	-	600.00	600.00	600.00	600.00
	Net loan - Closing	5,400.00	4,800.00	4,200.00	3,600.00	3,000.00
	Average Net Loan	5,400.00	5,100.00	4,500.00	3,900.00	3,300.00
	Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
	Interest on Loan Annualised	429.30	405.45	357.75	310.05	262.35
21	State Bank of India-IX Total					
	Gross loan - Opening	24,000.00	24,000.00	24,000.00	24,000.00	24,000.00
	Cumulative repayments of Loans upto previous period	8,000.00	10,666.67	13,333.33	16,000.00	18,666.67
	Net loan - Opening	16,000.00	13,333.33	10,666.67	8,000.00	5,333.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	16,000.00	13,333.33	10,666.67	8,000.00	5,333.33
	Repayments of Loans during the period	2,666.67	2,666.67	2,666.67	2,666.67	2,222.22
	Net loan - Closing	13,333.33	10,666.67	8,000.00	5,333.33	3,111.11
	Average Net Loan	14,666.67	12,000.00	9,333.33	6,666.67	4,222.22
	Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
	Interest on Loan Annualised	1,202.67	984.00	765.33	546.67	346.22
22	State Bank of India-X Total Repayment 1.10.2024					
	Gross loan - Opening	35,266.00	35,266.00	35,266.00	35,266.00	35,266.00
	Cumulative repayments of Loans upto previous period	-	3,918.44	7,836.89	11,755.33	15,673.78
	Net loan - Opening	35,266.00	31,347.56	27,429.11	23,510.67	19,592.22
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	35,266.00	31,347.56	27,429.11	23,510.67	19,592.22
	Repayments of Loans during the period	3,918.44	3,918.44	3,918.44	3,918.44	3,918.44
	Net loan - Closing	31,347.56	27,429.11	23,510.67	19,592.22	15,673.78
	Average Net Loan	33,306.78	29,388.33	25,469.89	21,551.44	17,633.00
	Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
	Interest on Loan Annualised	2,731.16	2,409.84	2,088.53	1,767.22	1,445.91
23	State Bank of India-XI Total					
	Gross loan - Opening	15,300.00	15,300.00	15,300.00	15,300.00	15,300.00
	Cumulative repayments of Loans upto previous period	3,400.00	5,100.00	6,800.00	8,500.00	10,200.00
	Net loan - Opening	11,900.00	10,200.00	8,500.00	6,800.00	5,100.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	11,900.00	10,200.00	8,500.00	6,800.00	5,100.00
	Repayments of Loans during the period	1,700.00	1,700.00	1,700.00	1,700.00	1,700.00
	Net loan - Closing	10,200.00	8,500.00	6,800.00	5,100.00	3,400.00
	Average Net Loan	11,050.00	9,350.00	7,650.00	5,950.00	4,250.00
	Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
	Interest on Loan Annualised	906.10	766.70	627.30	487.90	348.50
24	Punjab National Bank-III Total					
	Gross loan - Opening	9,500.00	9,500.00	9,500.00	9,500.00	9,500.00
	Cumulative repayments of Loans upto previous period	3,166.67	4,222.22	5,277.78	6,333.33	7,388.89
	Net loan - Opening	6,333.33	5,277.78	4,222.22	3,166.67	2,111.11
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	6,333.33	5,277.78	4,222.22	3,166.67	2,111.11
	Repayments of Loans during the period	1,055.56	1,055.56	1,055.56	1,055.56	1,055.56
	Net loan - Closing	5,277.78	4,222.22	3,166.67	2,111.11	1,055.56
	Average Net Loan	5,805.56	4,750.00	3,694.44	2,638.89	1,583.33
	Rate of Interest on Loan	7.9000%	7.9000%	7.9000%	7.9000%	7.9000%
	Interest on Loan Annualised	458.64	375.25	291.86	208.47	125.08
25	State Bank of India-XII Total					

	Gross loan - Opening	28,000.00	28,000.00	28,000.00	28,000.00	28,000.00
	Cumulative repayments of Loans upto previous period	-	-	3,111.11	6,222.22	9,333.33
	Net loan - Opening	28,000.00	28,000.00	24,888.89	21,777.78	18,666.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	28,000.00	28,000.00	24,888.89	21,777.78	18,666.67
	Repayments of Loans during the period	-	3,111.11	3,111.11	3,111.11	3,111.11
	Net loan - Closing	28,000.00	24,888.89	21,777.78	18,666.67	15,555.56
	Average Net Loan	28,000.00	26,444.44	23,333.33	20,222.22	17,111.11
	Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
	Interest on Loan Annualised	2,296.00	2,168.44	1,913.33	1,658.22	1,403.11
26	Bank of India-IV Repayment 7.12.2024					
	Gross loan - Opening	17,200.00	17,200.00	17,200.00	17,200.00	17,200.00
	Cumulative repayments of Loans upto previous period	-	1,433.33	2,866.67	4,300.00	5,733.33
	Net loan - Opening	17,200.00	15,766.67	14,333.33	12,900.00	11,466.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	17,200.00	15,766.67	14,333.33	12,900.00	11,466.67
	Repayments of Loans during the period	1,433.33	1,433.33	1,433.33	1,433.33	1,433.33
	Net loan - Closing	15,766.67	14,333.33	12,900.00	11,466.67	10,033.33
	Average Net Loan	16,483.33	15,050.00	13,616.67	12,183.33	10,750.00
	Rate of Interest on Loan	8.0000%	8.0000%	8.0000%	8.0000%	8.0000%
	Interest on Loan Annualised	1,318.67	1,204.00	1,089.33	974.67	860.00
27	HDFC-IX (Refinancing of Canara Bank-III) D4					
	Gross loan - Opening	3,964.02	3,964.02	3,964.02	3,964.02	3,964.02
	Cumulative repayments of Loans upto previous period	-	330.34	660.67	991.01	1,321.34
	Net loan - Opening	3,964.02	3,633.69	3,303.35	2,973.02	2,642.68
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	3,964.02	3,633.69	3,303.35	2,973.02	2,642.68
	Repayments of Loans during the period	330.34	330.34	330.34	330.34	330.34
	Net loan - Closing	3,633.69	3,303.35	2,973.02	2,642.68	2,312.35
	Average Net Loan	3,798.85	3,468.52	3,138.18	2,807.85	2,477.51
	Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
	Interest on Loan Annualised	302.01	275.75	249.49	223.22	196.96
28	HDFC-IX (Refinancing of Vijaya Bank-V) D4					
	Gross loan - Opening	1,415.72	1,415.72	1,415.72	1,415.72	1,415.72
	Cumulative repayments of Loans upto previous period	-	117.98	235.95	353.93	471.91
	Net loan - Opening	1,415.72	1,297.74	1,179.77	1,061.79	943.81
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	1,415.72	1,297.74	1,179.77	1,061.79	943.81
	Repayments of Loans during the period	117.98	117.98	117.98	117.98	117.98
	Net loan - Closing	1,297.74	1,179.77	1,061.79	943.81	825.84
	Average Net Loan	1,356.73	1,238.76	1,120.78	1,002.80	884.83
	Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
	Interest on Loan Annualised	107.86	98.48	89.10	79.72	70.34
29	HDFC-IX D8					
	Gross loan - Opening	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
	Cumulative repayments of Loans upto previous period	-	166.67	333.33	500.00	666.67
	Net loan - Opening	2,000.00	1,833.33	1,666.67	1,500.00	1,333.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	2,000.00	1,833.33	1,666.67	1,500.00	1,333.33
	Repayments of Loans during the period	166.67	166.67	166.67	166.67	166.67
	Net loan - Closing	1,833.33	1,666.67	1,500.00	1,333.33	1,166.67
	Average Net Loan	1,916.67	1,750.00	1,583.33	1,416.67	1,250.00
	Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
	Interest on Loan Annualised	152.38	139.13	125.88	112.63	99.38

30	HDFC-IX D10					
	Gross loan - Opening	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
	Cumulative repayments of Loans upto previous period	-	83.33	83.33	83.33	83.33
	Net loan - Opening	1,000.00	916.67	916.67	916.67	916.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	1,000.00	916.67	916.67	916.67	916.67
	Repayments of Loans during the period	83.33	-	-	-	-
	Net loan - Closing	916.67	916.67	916.67	916.67	916.67
	Average Net Loan	958.33	958.33	958.33	958.33	958.33
	Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
	Interest on Loan Annualised	76.19	76.19	76.19	76.19	76.19
31	HDFC-VII Repayment - 11.06.2026					
	Gross loan - Opening	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
	Cumulative repayments of Loans upto previous period	-	-	-	555.56	1,111.11
	Net loan - Opening	5,000.00	5,000.00	5,000.00	4,444.44	3,888.89
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	5,000.00	5,000.00	5,000.00	4,444.44	3,888.89
	Repayments of Loans during the period	-	-	555.56	555.56	555.56
	Net loan - Closing	5,000.00	5,000.00	4,444.44	3,888.89	3,333.33
	Average Net Loan	5,000.00	5,000.00	4,722.22	4,166.67	3,611.11
	Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
	Interest on Loan Annualised	397.50	397.50	375.42	331.25	287.08
32	Bonds- L 2A -repayment on 16.12.2028 - Bullet					
	Gross loan - Opening	1,142.61	1,142.61	1,142.61	1,142.61	1,142.61
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	1,142.61	1,142.61	1,142.61	1,142.61	1,142.61
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	1,142.61	1,142.61	1,142.61	1,142.61	1,142.61
	Repayments of Loans during the period	-	-	-	-	1,142.61
	Net loan - Closing	1,142.61	1,142.61	1,142.61	1,142.61	-
	Average Net Loan	1,142.61	1,142.61	1,142.61	1,142.61	571.31
	Rate of Interest on Loan	8.5100%	8.5100%	8.5100%	8.5100%	8.5100%
	Interest on Loan Annualised	97.24	97.24	97.24	97.24	48.62
33	Bonds- L 3A -repayment on 16.12.2033 - Bullet					
	Gross loan - Opening	1,426.41	1,426.41	1,426.41	1,426.41	1,426.41
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	1,426.41	1,426.41	1,426.41	1,426.41	1,426.41
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	1,426.41	1,426.41	1,426.41	1,426.41	1,426.41
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	1,426.41	1,426.41	1,426.41	1,426.41	1,426.41
	Average Net Loan	1,426.41	1,426.41	1,426.41	1,426.41	1,426.41
	Rate of Interest on Loan	8.6900%	8.6900%	8.6900%	8.6900%	8.6900%
	Interest on Loan Annualised	123.96	123.96	123.96	123.96	123.96
34	Bonds- L 2B-repayment on 16.12.2028 - Bullet					
	Gross loan - Opening	417.80	417.80	417.80	417.80	417.80
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	417.80	417.80	417.80	417.80	417.80
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	417.80	417.80	417.80	417.80	417.80
	Repayments of Loans during the period	-	-	-	-	417.80
	Net loan - Closing	417.80	417.80	417.80	417.80	-
	Average Net Loan	417.80	417.80	417.80	417.80	208.90
	Rate of Interest on Loan	8.7600%	8.7600%	8.7600%	8.7600%	8.7600%
	Interest on Loan Annualised	36.60	36.60	36.60	36.60	18.30

35	Bonds- L 3B- repayment on 16.12.2033 - Bullet					
	Gross loan - Opening	1,828.43	1,828.43	1,828.43	1,828.43	1,828.43
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	1,828.43	1,828.43	1,828.43	1,828.43	1,828.43
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	1,828.43	1,828.43	1,828.43	1,828.43	1,828.43
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	1,828.43	1,828.43	1,828.43	1,828.43	1,828.43
	Average Net Loan	1,828.43	1,828.43	1,828.43	1,828.43	1,828.43
	Rate of Interest on Loan	8.9400%	8.9400%	8.9400%	8.9400%	8.9400%
	Interest on Loan Annualised	163.46	163.46	163.46	163.46	163.46
36	Bond 53 Repayment on 22.09.2024 - Bullet					
	Gross loan - Opening	21,000.00	21,000.00	21,000.00	21,000.00	21,000.00
	Cumulative repayments of Loans upto previous period	-	21,000.00	21,000.00	21,000.00	21,000.00
	Net loan - Opening	21,000.00	-	-	-	-
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	21,000.00	-	-	-	-
	Repayments of Loans during the period	21,000.00	-	-	-	-
	Net loan - Closing	-	-	-	-	-
	Average Net Loan	10,500.00	-	-	-	-
	Rate of Interest on Loan	9.2000%	9.2000%	9.2000%	9.2000%	9.2000%
	Interest on Loan Annualised	966.00	-	-	-	-
37	Bond 54 Repayment on 25.03.2023- 3 Y					
	Gross loan - Opening	70,300.00	70,300.00	70,300.00	70,300.00	70,300.00
	Cumulative repayments of Loans upto previous period	42,180.00	70,300.00	70,300.00	70,300.00	70,300.00
	Net loan - Opening	28,120.00	-	-	-	-
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	28,120.00	-	-	-	-
	Repayments of Loans during the period	28,120.00	-	-	-	-
	Net loan - Closing	-	-	-	-	-
	Average Net Loan	14,060.00	-	-	-	-
	Rate of Interest on Loan	8.5200%	8.5200%	8.5200%	8.5200%	8.5200%
	Interest on Loan Annualised	1,197.91	-	-	-	-
38	Bond 60 Repayment on 05.05.2026 - Bullet					
	Gross loan - Opening	2,400.00	2,400.00	2,400.00	2,400.00	2,400.00
	Cumulative repayments of Loans upto previous period	-	-	-	2,400.00	2,400.00
	Net loan - Opening	2,400.00	2,400.00	2,400.00	-	-
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	2,400.00	2,400.00	2,400.00	-	-
	Repayments of Loans during the period	-	-	2,400.00	-	-
	Net loan - Closing	2,400.00	2,400.00	-	-	-
	Average Net Loan	2,400.00	2,400.00	1,200.00	-	-
	Rate of Interest on Loan	8.0800%	8.0800%	8.0800%	8.0800%	8.0800%
	Interest on Loan Annualised	193.92	193.92	96.96	-	-
39	Bond 61 Repayment on 27.05.2021- 3 Installments					
	Gross loan - Opening	7,000.00	7,000.00	7,000.00	7,000.00	7,000.00
	Cumulative repayments of Loans upto previous period	2,333.33	2,333.33	2,333.33	2,333.33	2,333.33
	Net loan - Opening	4,666.67	4,666.67	4,666.67	4,666.67	4,666.67
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	4,666.67	4,666.67	4,666.67	4,666.67	4,666.67
	Repayments of Loans during the period	-	-	-	-	2,333.33
	Net loan - Closing	4,666.67	4,666.67	4,666.67	4,666.67	2,333.33
	Average Net Loan	4,666.67	4,666.67	4,666.67	4,666.67	3,500.00
	Rate of Interest on Loan	8.1300%	8.1300%	8.1300%	8.1300%	8.1300%
	Interest on Loan Annualised	379.40	379.40	379.40	379.40	284.55

40	Bond 62 Repayment on 23.08.2026 - Bullet					
	Gross loan - Opening	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00
	Cumulative repayments of Loans upto previous period	-	-	-	9,000.00	9,000.00
	Net loan - Opening	9,000.00	9,000.00	9,000.00	-	-
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	9,000.00	9,000.00	9,000.00	-	-
	Repayments of Loans during the period	-	-	9,000.00	-	-
	Net loan - Closing	9,000.00	9,000.00	-	-	-
	Average Net Loan	9,000.00	9,000.00	4,500.00	-	-
	Rate of Interest on Loan	7.6100%	7.6100%	7.6100%	7.6100%	7.6100%
	Interest on Loan Annualised	684.90	684.90	342.45	-	-
41	Bond 64 Repayment on 07.11.2031 - Bullet					
	Gross loan - Opening	5,100.00	5,100.00	5,100.00	5,100.00	5,100.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	5,100.00	5,100.00	5,100.00	5,100.00	5,100.00
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	5,100.00	5,100.00	5,100.00	5,100.00	5,100.00
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	5,100.00	5,100.00	5,100.00	5,100.00	5,100.00
	Average Net Loan	5,100.00	5,100.00	5,100.00	5,100.00	5,100.00
	Rate of Interest on Loan	7.5200%	7.5200%	7.5200%	7.5200%	7.5200%
	Interest on Loan Annualised	383.52	383.52	383.52	383.52	383.52
42	Bond 66 Repayment on 14.12.2031 - Bullet					
	Gross loan - Opening	25,300.00	25,300.00	25,300.00	25,300.00	25,300.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	25,300.00	25,300.00	25,300.00	25,300.00	25,300.00
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	25,300.00	25,300.00	25,300.00	25,300.00	25,300.00
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	25,300.00	25,300.00	25,300.00	25,300.00	25,300.00
	Average Net Loan	25,300.00	25,300.00	25,300.00	25,300.00	25,300.00
	Rate of Interest on Loan	7.4000%	7.4000%	7.4000%	7.4000%	7.4000%
	Interest on Loan Annualised	1,872.20	1,872.20	1,872.20	1,872.20	1,872.20
43	Bond 67 Repayment on 15.01.2029 - Bullet					
	Gross loan - Opening	25,200.00	25,200.00	25,200.00	25,200.00	25,200.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	25,200.00	25,200.00	25,200.00	25,200.00	25,200.00
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	25,200.00	25,200.00	25,200.00	25,200.00	25,200.00
	Repayments of Loans during the period	-	-	-	-	25,200.00
	Net loan - Closing	25,200.00	25,200.00	25,200.00	25,200.00	-
	Average Net Loan	25,200.00	25,200.00	25,200.00	25,200.00	12,600.00
	Rate of Interest on Loan	8.3300%	8.3300%	8.3300%	8.3300%	8.3300%
	Interest on Loan Annualised	2,099.16	2,099.16	2,099.16	2,099.16	1,049.58
44	Bond 69 (Refinancing United Bank-IV) Bullet-17.07.2029					
	Gross loan - Opening	5,625.00	5,625.00	5,625.00	5,625.00	5,625.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	5,625.00	5,625.00	5,625.00	5,625.00	5,625.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	5,625.00	5,625.00	5,625.00	5,625.00	5,625.00
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	5,625.00	5,625.00	5,625.00	5,625.00	5,625.00
	Average Net Loan	5,625.00	5,625.00	5,625.00	5,625.00	5,625.00
	Rate of Interest on Loan	7.7150%	7.7150%	7.7150%	7.7150%	7.7150%
	Interest on Loan Annualised	433.97	433.97	433.97	433.97	433.97

45	Bond 69 Repayment on 17.07.2029 - Bullet					
	Gross loan - Opening	15875.00	15875.00	15875.00	15875.00	15875.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	15875.00	15875.00	15875.00	15875.00	15875.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0	0.00	0.00	0.00	0.00
	Total	15875.00	15875.00	15875.00	15875.00	15875.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	15875.00	15875.00	15875.00	15875.00	15875.00
	Average Net Loan	15875	15875	15875	15875	15875
	Rate of Interest on Loan	7.3500%	7.3500%	7.3500%	7.3500%	7.3500%
	Interest on Loan Annualised	1166.81	1166.81	1166.81	1166.81	1166.81
	TOTAL LOAN					
	Gross loan - Opening	5,70,954.69	5,70,954.69	5,70,954.69	5,70,954.69	5,70,954.69
	Cumulative repayments of Loans upto previous period*	91,396.67	2,25,068.72	2,74,994.74	3,16,402.45	3,75,302.88
	Net loan - Opening	4,79,558.03	3,45,885.97	2,95,959.95	2,54,552.25	1,95,651.82
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	4,79,558.03	3,45,885.97	2,95,959.95	2,54,552.25	1,95,651.82
	Repayments of Loans during the period	1,33,672.05	49,926.02	41,407.71	58,900.43	59,385.01
	Net loan - Closing	3,45,885.97	2,95,959.95	2,54,552.25	1,95,651.82	1,36,266.81
	Average Net Loan	4,12,722.00	3,20,964.63	2,75,297.77	2,25,143.70	1,66,000.98
	Rate of Interest on Loan	7.0081%	7.1258%	7.1733%	7.3759%	7.6506%
	Interest on Loan Annualised	28,924.06	22,871.24	19,747.98	16,606.34	12,700.13
	<i>Bonds Interest Rate is inclusive of surveillance fees of 0.03%</i>					
	SBI VIII D-4 repayment from 31.01.2022 -9Y					
	Gross loan - Opening	11,100.00	11,100.00	11,100.00	11,100.00	11,100.00
	Cumulative repayments of Loans upto previous period	3,700.00	4,933.33	6,166.67	7,400.00	8,633.33
	Net loan - Opening	7,400.00	6,166.67	4,933.33	3,700.00	2,466.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	7,400.00	6,166.67	4,933.33	3,700.00	2,466.67
	Repayments of Loans during the period	1,233.33	1,233.33	1,233.33	1,233.33	1,233.33
	Net loan - Closing	6,166.67	4,933.33	3,700.00	2,466.67	1,233.33
	Average Net Loan	6,783.33	5,550.00	4,316.67	3,083.33	1,850.00
	Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
	Interest on Loan Annualised	556.23	455.10	353.97	252.83	151.70
	SBI VIII D-5 repayment from 31.01.2022 -9Y					
	Gross loan - Opening	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
	Cumulative repayments of Loans upto previous period	1,000.00	1,333.33	1,666.67	2,000.00	2,333.33
	Net loan - Opening	2,000.00	1,666.67	1,333.33	1,000.00	666.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	2,000.00	1,666.67	1,333.33	1,000.00	666.67
	Repayments of Loans during the period	333.33	333.33	333.33	333.33	333.33
	Net loan - Closing	1,666.67	1,333.33	1,000.00	666.67	333.33
	Average Net Loan	1,833.33	1,500.00	1,166.67	833.33	500.00
	Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
	Interest on Loan Annualised	150.33	123.00	95.67	68.33	41.00
	SBI VIII D-7 repayment from 31.01.2022 -9Y					
	Gross loan - Opening	4,300.00	4,300.00	4,300.00	4,300.00	4,300.00
	Cumulative repayments of Loans upto previous period	1,433.33	1,911.11	2,388.89	2,866.67	3,344.44
	Net loan - Opening	2,866.67	2,388.89	1,911.11	1,433.33	955.56
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	2,866.67	2,388.89	1,911.11	1,433.33	955.56
	Repayments of Loans during the period	477.78	477.78	477.78	477.78	477.78

Net loan - Closing	2,388.89	1,911.11	1,433.33	955.56	477.78
Average Net Loan	2,627.78	2,150.00	1,672.22	1,194.44	716.67
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	215.48	176.30	137.12	97.94	58.77
SBI VIII D-8 repayment from 31.01.2022 -9Y					
Gross loan - Opening	3,500.00	3,500.00	3,500.00	3,500.00	3,500.00
Cumulative repayments of Loans upto previous period	1,166.67	1,555.56	1,944.44	2,333.33	2,722.22
Net loan - Opening	2,333.33	1,944.44	1,555.56	1,166.67	777.78
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE	-	-	-	-	-
Total	2,333.33	1,944.44	1,555.56	1,166.67	777.78
Repayments of Loans during the period	388.89	388.89	388.89	388.89	388.89
Net loan - Closing	1,944.44	1,555.56	1,166.67	777.78	388.89
Average Net Loan	2,138.89	1,750.00	1,361.11	972.22	583.33
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	175.39	143.50	111.61	79.72	47.83
SBI VIII D-10 repayment from 31.01.2022 -9Y					
Gross loan - Opening	5,500.00	5,500.00	5,500.00	5,500.00	5,500.00
Cumulative repayments of Loans upto previous period	1,833.33	2,444.44	3,055.56	3,666.67	4,277.78
Net loan - Opening	3,666.67	3,055.56	2,444.44	1,833.33	1,222.22
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE	-	-	-	-	-
Total	3,666.67	3,055.56	2,444.44	1,833.33	1,222.22
Repayments of Loans during the period	611.11	611.11	611.11	611.11	611.11
Net loan - Closing	3,055.56	2,444.44	1,833.33	1,222.22	611.11
Average Net Loan	3,361.11	2,750.00	2,138.89	1,527.78	916.67
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	275.61	225.50	175.39	125.28	75.17
SBI VIII D-12 repayment from 31.01.2022 -9Y					
Gross loan - Opening	6,200.00	6,200.00	6,200.00	6,200.00	6,200.00
Cumulative repayments of Loans upto previous period	2,066.67	2,755.56	3,444.44	4,133.33	4,822.22
Net loan - Opening	4,133.33	3,444.44	2,755.56	2,066.67	1,377.78
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE	-	-	-	-	-
Total	4,133.33	3,444.44	2,755.56	2,066.67	1,377.78
Repayments of Loans during the period	688.89	688.89	688.89	688.89	688.89
Net loan - Closing	3,444.44	2,755.56	2,066.67	1,377.78	688.89
Average Net Loan	3,788.89	3,100.00	2,411.11	1,722.22	1,033.33
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	310.69	254.20	197.71	141.22	84.73
SBI VIII D-13 repayment from 31.01.2022 -9Y					
Gross loan - Opening	4,500.00	4,500.00	4,500.00	4,500.00	4,500.00
Cumulative repayments of Loans upto previous period	1,500.00	2,000.00	2,500.00	3,000.00	3,500.00
Net loan - Opening	3,000.00	2,500.00	2,000.00	1,500.00	1,000.00
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE	-	-	-	-	-
Total	3,000.00	2,500.00	2,000.00	1,500.00	1,000.00
Repayments of Loans during the period	500.00	500.00	500.00	500.00	500.00
Net loan - Closing	2,500.00	2,000.00	1,500.00	1,000.00	500.00
Average Net Loan	2,750.00	2,250.00	1,750.00	1,250.00	750.00
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	225.50	184.50	143.50	102.50	61.50
SBI VIII D-16 repayment from 31.01.2022 -9Y					
Gross loan - Opening	3,600.00	3,600.00	3,600.00	3,600.00	3,600.00
Cumulative repayments of Loans upto previous period	1,200.00	1,600.00	2,000.00	2,400.00	2,800.00
Net loan - Opening	2,400.00	2,000.00	1,600.00	1,200.00	800.00
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE	-	-	-	-	-
Total	2,400.00	2,000.00	1,600.00	1,200.00	800.00
Repayments of Loans during the period	400.00	400.00	400.00	400.00	400.00

Net loan - Closing	2,000.00	1,600.00	1,200.00	800.00	400.00
Average Net Loan	2,200.00	1,800.00	1,400.00	1,000.00	600.00
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	180.40	147.60	114.80	82.00	49.20
SBI VIII Total					
Gross loan - Opening	41,700.00	41,700.00	41,700.00	41,700.00	41,700.00
Cumulative repayments of Loans upto previous period	13,900.00	18,533.33	23,166.67	27,800.00	32,433.33
Net loan - Opening	27,800.00	23,166.67	18,533.33	13,900.00	9,266.67
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE	-	-	-	-	-
Total	27,800.00	23,166.67	18,533.33	13,900.00	9,266.67
Repayments of Loans during the period	4,633.33	4,633.33	4,633.33	4,633.33	4,633.33
Net loan - Closing	23,166.67	18,533.33	13,900.00	9,266.67	4,633.33
Average Net Loan	25,483.33	20,850.00	16,216.67	11,583.33	6,950.00
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	2,089.63	1,709.70	1,329.77	949.83	569.90
HDFC III D-02 repayment from 04.12.2021 -9Y					
Gross loan - Opening	5,600.00	5,600.00	5,600.00	5,600.00	5,600.00
Cumulative repayments of Loans upto previous period	1,866.67	2,488.89	3,111.11	3,733.33	4,355.56
Net loan - Opening	3,733.33	3,111.11	2,488.89	1,866.67	1,244.44
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE	-	-	-	-	-
Total	3,733.33	3,111.11	2,488.89	1,866.67	1,244.44
Repayments of Loans during the period	622.22	622.22	622.22	622.22	622.22
Net loan - Closing	3,111.11	2,488.89	1,866.67	1,244.44	622.22
Average Net Loan	3,422.22	2,800.00	2,177.78	1,555.56	933.33
Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
Interest on Loan Annualised	272.07	222.60	173.13	123.67	74.20
HDFC III D-03 repayment from 04.12.2021 -9Y					
Gross loan - Opening	3,500.00	3,500.00	3,500.00	3,500.00	3,500.00
Cumulative repayments of Loans upto previous period	1,166.67	1,555.56	1,944.44	2,333.33	2,722.22
Net loan - Opening	2,333.33	1,944.44	1,555.56	1,166.67	777.78
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE	-	-	-	-	-
Total	2,333.33	1,944.44	1,555.56	1,166.67	777.78
Repayments of Loans during the period	388.89	388.89	388.89	388.89	388.89
Net loan - Closing	1,944.44	1,555.56	1,166.67	777.78	388.89
Average Net Loan	2,138.89	1,750.00	1,361.11	972.22	583.33
Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
Interest on Loan Annualised	170.04	139.13	108.21	77.29	46.38
HDFC III D-04 repayment from 04.12.2021 -9Y					
Gross loan - Opening	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
Cumulative repayments of Loans upto previous period	1,000.00	1,333.33	1,666.67	2,000.00	2,333.33
Net loan - Opening	2,000.00	1,666.67	1,333.33	1,000.00	666.67
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE	-	-	-	-	-
Total	2,000.00	1,666.67	1,333.33	1,000.00	666.67
Repayments of Loans during the period	333.33	333.33	333.33	333.33	333.33
Net loan - Closing	1,666.67	1,333.33	1,000.00	666.67	333.33
Average Net Loan	1,833.33	1,500.00	1,166.67	833.33	500.00
Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
Interest on Loan Annualised	145.75	119.25	92.75	66.25	39.75
HDFC III D-05 repayment from 04.12.2021 -9Y					
Gross loan - Opening	900.00	900.00	900.00	900.00	900.00
Cumulative repayments of Loans upto previous period	300.00	400.00	500.00	600.00	700.00
Net loan - Opening	600.00	500.00	400.00	300.00	200.00
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE	-	-	-	-	-

Total	600.00	500.00	400.00	300.00	200.00
Repayments of Loans during the period	100.00	100.00	100.00	100.00	100.00
Net loan - Closing	500.00	400.00	300.00	200.00	100.00
Average Net Loan	550.00	450.00	350.00	250.00	150.00
Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
Interest on Loan Annualised	43.73	35.78	27.83	19.88	11.93
HDFC III D-06 repayment from 04.12.2021 -9Y					
Gross loan - Opening	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
Cumulative repayments of Loans upto previous period	3,333.33	4,444.44	5,555.56	6,666.67	7,777.78
Net loan - Opening	6,666.67	5,555.56	4,444.44	3,333.33	2,222.22
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE	-	-	-	-	-
Total	6,666.67	5,555.56	4,444.44	3,333.33	2,222.22
Repayments of Loans during the period	1,111.11	1,111.11	1,111.11	1,111.11	1,111.11
Net loan - Closing	5,555.56	4,444.44	3,333.33	2,222.22	1,111.11
Average Net Loan	6,111.11	5,000.00	3,888.89	2,777.78	1,666.67
Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
Interest on Loan Annualised	485.83	397.50	309.17	220.83	132.50
HDFC III D-07 repayment from 04.12.2021 -9Y					
Gross loan - Opening	5,500.00	5,500.00	5,500.00	5,500.00	5,500.00
Cumulative repayments of Loans upto previous period	1,833.33	2,444.44	3,055.56	3,666.67	4,277.78
Net loan - Opening	3,666.67	3,055.56	2,444.44	1,833.33	1,222.22
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE	-	-	-	-	-
Total	3,666.67	3,055.56	2,444.44	1,833.33	1,222.22
Repayments of Loans during the period	611.11	611.11	611.11	611.11	611.11
Net loan - Closing	3,055.56	2,444.44	1,833.33	1,222.22	611.11
Average Net Loan	3,361.11	2,750.00	2,138.89	1,527.78	916.67
Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
Interest on Loan Annualised	267.21	218.63	170.04	121.46	72.88
HDFC III D-08 repayment from 04.12.2021 -9Y					
Gross loan - Opening	7,000.00	7,000.00	7,000.00	7,000.00	7,000.00
Cumulative repayments of Loans upto previous period	2,333.33	3,111.11	3,888.89	4,666.67	5,444.44
Net loan - Opening	4,666.67	3,888.89	3,111.11	2,333.33	1,555.56
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE	-	-	-	-	-
Total	4,666.67	3,888.89	3,111.11	2,333.33	1,555.56
Repayments of Loans during the period	777.78	777.78	777.78	777.78	777.78
Net loan - Closing	3,888.89	3,111.11	2,333.33	1,555.56	777.78
Average Net Loan	4,277.78	3,500.00	2,722.22	1,944.44	1,166.67
Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
Interest on Loan Annualised	340.08	278.25	216.42	154.58	92.75
HDFC Bank III Total					
Gross loan - Opening	35,500.00	35,500.00	35,500.00	35,500.00	35,500.00
Cumulative repayments of Loans upto previous period	11,833.33	15,777.78	19,722.22	23,666.67	27,611.11
Net loan - Opening	23,666.67	19,722.22	15,777.78	11,833.33	7,888.89
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE	-	-	-	-	-
Total	23,666.67	19,722.22	15,777.78	11,833.33	7,888.89
Repayments of Loans during the period	3,944.44	3,944.44	3,944.44	3,944.44	3,944.44
Net loan - Closing	19,722.22	15,777.78	11,833.33	7,888.89	3,944.44
Average Net Loan	21,694.44	17,750.00	13,805.56	9,861.11	5,916.67
Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
Interest on Loan Annualised	1,724.71	1,411.13	1,097.54	783.96	470.38
HDFC Bank Limited-V D-10					
Gross loan - Opening	3,700.00	3,700.00	3,700.00	3,700.00	3,700.00
Cumulative repayments of Loans upto previous period	-	411.11	822.22	1,233.33	1,644.44
Net loan - Opening	3,700.00	3,288.89	2,877.78	2,466.67	2,055.56

Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	3,700.00	3,288.89	2,877.78	2,466.67	2,055.56
Repayments of Loans during the period	411.11	411.11	411.11	411.11	411.11
Net loan - Closing	3,288.89	2,877.78	2,466.67	2,055.56	1,644.44
Average Net Loan	3,494.44	3,083.33	2,672.22	2,261.11	1,850.00
Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
Interest on Loan Annualised	277.81	245.13	212.44	179.76	147.08
HDFC Bank Limited-V D-3					
Gross loan - Opening	7,700.00	7,700.00	7,700.00	7,700.00	7,700.00
Cumulative repayments of Loans upto previous period	-	855.56	1,711.11	2,566.67	3,422.22
Net loan - Opening	7,700.00	6,844.44	5,988.89	5,133.33	4,277.78
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	7,700.00	6,844.44	5,988.89	5,133.33	4,277.78
Repayments of Loans during the period	855.56	855.56	855.56	855.56	855.56
Net loan - Closing	6,844.44	5,988.89	5,133.33	4,277.78	3,422.22
Average Net Loan	7,272.22	6,416.67	5,561.11	4,705.56	3,850.00
Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
Interest on Loan Annualised	578.14	510.13	442.11	374.09	306.08
HDFC Bank Limited-V Total					
Gross loan - Opening	11,400.00	11,400.00	11,400.00	11,400.00	11,400.00
Cumulative repayments of Loans upto previous period	-	1,266.67	2,533.33	3,800.00	5,066.67
Net loan - Opening	11,400.00	10,133.33	8,866.67	7,600.00	6,333.33
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	11,400.00	10,133.33	8,866.67	7,600.00	6,333.33
Repayments of Loans during the period	1,266.67	1,266.67	1,266.67	1,266.67	1,266.67
Net loan - Closing	10,133.33	8,866.67	7,600.00	6,333.33	5,066.67
Average Net Loan	10,766.67	9,500.00	8,233.33	6,966.67	5,700.00
Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
Interest on Loan Annualised	855.95	755.25	654.55	553.85	453.15
HDFC Bank Limited-VI D-2					
Gross loan - Opening	1,400.00	1,400.00	1,400.00	1,400.00	1,400.00
Cumulative repayments of Loans upto previous period	-	-	155.56	311.11	466.67
Net loan - Opening	1,400.00	1,400.00	1,244.44	1,088.89	933.33
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	1,400.00	1,400.00	1,244.44	1,088.89	933.33
Repayments of Loans during the period	-	155.56	155.56	155.56	155.56
Net loan - Closing	1,400.00	1,244.44	1,088.89	933.33	777.78
Average Net Loan	1,400.00	1,322.22	1,166.67	1,011.11	855.56
Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
Interest on Loan Annualised	111.30	105.12	92.75	80.38	68.02
HDFC Bank Limited-VI D-3					
Gross loan - Opening	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
Cumulative repayments of Loans upto previous period	-	-	444.44	888.89	1,333.33
Net loan - Opening	4,000.00	4,000.00	3,555.56	3,111.11	2,666.67
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	4,000.00	4,000.00	3,555.56	3,111.11	2,666.67
Repayments of Loans during the period	-	444.44	444.44	444.44	444.44
Net loan - Closing	4,000.00	3,555.56	3,111.11	2,666.67	2,222.22
Average Net Loan	4,000.00	3,777.78	3,333.33	2,888.89	2,444.44
Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
Interest on Loan Annualised	318.00	300.33	265.00	229.67	194.33
HDFC Bank Limited-VI Total					
Gross loan - Opening	5,400.00	5,400.00	5,400.00	5,400.00	5,400.00
Cumulative repayments of Loans upto previous period	-	-	600.00	1,200.00	1,800.00

Net loan - Opening	5,400.00	5,400.00	4,800.00	4,200.00	3,600.00
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	5,400.00	5,400.00	4,800.00	4,200.00	3,600.00
Repayments of Loans during the period	-	600.00	600.00	600.00	600.00
Net loan - Closing	5,400.00	4,800.00	4,200.00	3,600.00	3,000.00
Average Net Loan	5,400.00	5,100.00	4,500.00	3,900.00	3,300.00
Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
Interest on Loan Annualised	429.30	405.45	357.75	310.05	262.35
State Bank of India-IX D6					
Gross loan - Opening	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00
Cumulative repayments of Loans upto previous period	6,666.67	8,888.89	11,111.11	13,333.33	15,555.56
Net loan - Opening	13,333.33	11,111.11	8,888.89	6,666.67	4,444.44
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	13,333.33	11,111.11	8,888.89	6,666.67	4,444.44
Repayments of Loans during the period	2,222.22	2,222.22	2,222.22	2,222.22	2,222.22
Net loan - Closing	11,111.11	8,888.89	6,666.67	4,444.44	2,222.22
Average Net Loan	12,222.22	10,000.00	7,777.78	5,555.56	3,333.33
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	1,002.22	820.00	637.78	455.56	273.33
State Bank of India-IX D7					
Gross loan - Opening	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
Cumulative repayments of Loans upto previous period	666.67	888.89	1,111.11	1,333.33	1,555.56
Net loan - Opening	1,333.33	1,111.11	888.89	666.67	444.44
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	1,333.33	1,111.11	888.89	666.67	444.44
Repayments of Loans during the period	222.22	222.22	222.22	222.22	-
Net loan - Closing	1,111.11	888.89	666.67	444.44	444.44
Average Net Loan	1,222.22	1,000.00	777.78	555.56	444.44
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	100.22	82.00	63.78	45.56	36.44
State Bank of India-IX D10					
Gross loan - Opening	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
Cumulative repayments of Loans upto previous period	666.67	888.89	1,111.11	1,333.33	1,555.56
Net loan - Opening	1,333.33	1,111.11	888.89	666.67	444.44
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	1,333.33	1,111.11	888.89	666.67	444.44
Repayments of Loans during the period	222.22	222.22	222.22	222.22	-
Net loan - Closing	1,111.11	888.89	666.67	444.44	444.44
Average Net Loan	1,222.22	1,000.00	777.78	555.56	444.44
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	100.22	82.00	63.78	45.56	36.44
State Bank of India-IX Total					
Gross loan - Opening	24,000.00	24,000.00	24,000.00	24,000.00	24,000.00
Cumulative repayments of Loans upto previous period	8,000.00	10,666.67	13,333.33	16,000.00	18,666.67
Net loan - Opening	16,000.00	13,333.33	10,666.67	8,000.00	5,333.33
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	16,000.00	13,333.33	10,666.67	8,000.00	5,333.33
Repayments of Loans during the period	2,666.67	2,666.67	2,666.67	2,666.67	2,222.22
Net loan - Closing	13,333.33	10,666.67	8,000.00	5,333.33	3,111.11
Average Net Loan	14,666.67	12,000.00	9,333.33	6,666.67	4,222.22
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	1,202.67	984.00	765.33	546.67	346.22
State Bank of India-X D1					
Gross loan - Opening	14,966.00	14,966.00	14,966.00	14,966.00	14,966.00

Cumulative repayments of Loans upto previous period	-	1,662.89	3,325.78	4,988.67	6,651.56
Net loan - Opening	14,966.00	13,303.11	11,640.22	9,977.33	8,314.44
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	14,966.00	13,303.11	11,640.22	9,977.33	8,314.44
Repayments of Loans during the period	1,662.89	1,662.89	1,662.89	1,662.89	1,662.89
Net loan - Closing	13,303.11	11,640.22	9,977.33	8,314.44	6,651.56
Average Net Loan	14,134.56	12,471.67	10,808.78	9,145.89	7,483.00
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	1,159.03	1,022.68	886.32	749.96	613.61
State Bank of India-X D2					
Gross loan - Opening	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
Cumulative repayments of Loans upto previous period	-	222.22	444.44	666.67	888.89
Net loan - Opening	2,000.00	1,777.78	1,555.56	1,333.33	1,111.11
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	2,000.00	1,777.78	1,555.56	1,333.33	1,111.11
Repayments of Loans during the period	222.22	222.22	222.22	222.22	222.22
Net loan - Closing	1,777.78	1,555.56	1,333.33	1,111.11	888.89
Average Net Loan	1,888.89	1,666.67	1,444.44	1,222.22	1,000.00
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	154.89	136.67	118.44	100.22	82.00
State Bank of India-X D3					
Gross loan - Opening	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00
Cumulative repayments of Loans upto previous period	-	666.67	1,333.33	2,000.00	2,666.67
Net loan - Opening	6,000.00	5,333.33	4,666.67	4,000.00	3,333.33
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	6,000.00	5,333.33	4,666.67	4,000.00	3,333.33
Repayments of Loans during the period	666.67	666.67	666.67	666.67	666.67
Net loan - Closing	5,333.33	4,666.67	4,000.00	3,333.33	2,666.67
Average Net Loan	5,666.67	5,000.00	4,333.33	3,666.67	3,000.00
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	464.67	410.00	355.33	300.67	246.00
State Bank of India-X D8					
Gross loan - Opening	12,300.00	12,300.00	12,300.00	12,300.00	12,300.00
Cumulative repayments of Loans upto previous period	-	1,366.67	2,733.33	4,100.00	5,466.67
Net loan - Opening	12,300.00	10,933.33	9,566.67	8,200.00	6,833.33
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	12,300.00	10,933.33	9,566.67	8,200.00	6,833.33
Repayments of Loans during the period	1,366.67	1,366.67	1,366.67	1,366.67	1,366.67
Net loan - Closing	10,933.33	9,566.67	8,200.00	6,833.33	5,466.67
Average Net Loan	11,616.67	10,250.00	8,883.33	7,516.67	6,150.00
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	952.57	840.50	728.43	616.37	504.30
State Bank of India-X Total					
Gross loan - Opening	35,266.00	35,266.00	35,266.00	35,266.00	35,266.00
Cumulative repayments of Loans upto previous period	-	3,918.44	7,836.89	11,755.33	15,673.78
Net loan - Opening	35,266.00	31,347.56	27,429.11	23,510.67	19,592.22
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	35,266.00	31,347.56	27,429.11	23,510.67	19,592.22
Repayments of Loans during the period	3,918.44	3,918.44	3,918.44	3,918.44	3,918.44
Net loan - Closing	31,347.56	27,429.11	23,510.67	19,592.22	15,673.78
Average Net Loan	33,306.78	29,388.33	25,469.89	21,551.44	17,633.00
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	2,731.16	2,409.84	2,088.53	1,767.22	1,445.91
State Bank of India-XI D1					
Gross loan - Opening	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00

Cumulative repayments of Loans upto previous period	488.89	733.33	977.78	1,222.22	1,466.67
Net loan - Opening	1,711.11	1,466.67	1,222.22	977.78	733.33
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	1,711.11	1,466.67	1,222.22	977.78	733.33
Repayments of Loans during the period	244.44	244.44	244.44	244.44	244.44
Net loan - Closing	1,466.67	1,222.22	977.78	733.33	488.89
Average Net Loan	1,588.89	1,344.44	1,100.00	855.56	611.11
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	130.29	110.24	90.20	70.16	50.11
State Bank of India-XI D3					
Gross loan - Opening	9,900.00	9,900.00	9,900.00	9,900.00	9,900.00
Cumulative repayments of Loans upto previous period	2,200.00	3,300.00	4,400.00	5,500.00	6,600.00
Net loan - Opening	7,700.00	6,600.00	5,500.00	4,400.00	3,300.00
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	7,700.00	6,600.00	5,500.00	4,400.00	3,300.00
Repayments of Loans during the period	1,100.00	1,100.00	1,100.00	1,100.00	1,100.00
Net loan - Closing	6,600.00	5,500.00	4,400.00	3,300.00	2,200.00
Average Net Loan	7,150.00	6,050.00	4,950.00	3,850.00	2,750.00
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	586.30	496.10	405.90	315.70	225.50
State Bank of India-XI D4					
Gross loan - Opening	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
Cumulative repayments of Loans upto previous period	444.44	666.67	888.89	1,111.11	1,333.33
Net loan - Opening	1,555.56	1,333.33	1,111.11	888.89	666.67
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	1,555.56	1,333.33	1,111.11	888.89	666.67
Repayments of Loans during the period	222.22	222.22	222.22	222.22	222.22
Net loan - Closing	1,333.33	1,111.11	888.89	666.67	444.44
Average Net Loan	1,444.44	1,222.22	1,000.00	777.78	555.56
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	118.44	100.22	82.00	63.78	45.56
State Bank of India-XI D5					
Gross loan - Opening	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00
Cumulative repayments of Loans upto previous period	266.67	400.00	533.33	666.67	800.00
Net loan - Opening	933.33	800.00	666.67	533.33	400.00
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	933.33	800.00	666.67	533.33	400.00
Repayments of Loans during the period	133.33	133.33	133.33	133.33	133.33
Net loan - Closing	800.00	666.67	533.33	400.00	266.67
Average Net Loan	866.67	733.33	600.00	466.67	333.33
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	71.07	60.13	49.20	38.27	27.33
State Bank of India-XI Total					
Gross loan - Opening	15,300.00	15,300.00	15,300.00	15,300.00	15,300.00
Cumulative repayments of Loans upto previous period	3,400.00	5,100.00	6,800.00	8,500.00	10,200.00
Net loan - Opening	11,900.00	10,200.00	8,500.00	6,800.00	5,100.00
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	11,900.00	10,200.00	8,500.00	6,800.00	5,100.00
Repayments of Loans during the period	1,700.00	1,700.00	1,700.00	1,700.00	1,700.00
Net loan - Closing	10,200.00	8,500.00	6,800.00	5,100.00	3,400.00
Average Net Loan	11,050.00	9,350.00	7,650.00	5,950.00	4,250.00
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	906.10	766.70	627.30	487.90	348.50
Punjab National Bank-III D1					

Gross loan - Opening	3,500.00	3,500.00	3,500.00	3,500.00	3,500.00
Cumulative repayments of Loans upto previous period	1,166.67	1,555.56	1,944.44	2,333.33	2,722.22
Net loan - Opening	2,333.33	1,944.44	1,555.56	1,166.67	777.78
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	2,333.33	1,944.44	1,555.56	1,166.67	777.78
Repayments of Loans during the period	388.89	388.89	388.89	388.89	388.89
Net loan - Closing	1,944.44	1,555.56	1,166.67	777.78	388.89
Average Net Loan	2,138.89	1,750.00	1,361.11	972.22	583.33
Rate of Interest on Loan	7.9000%	7.9000%	7.9000%	7.9000%	7.9000%
Interest on Loan Annualised	168.97	138.25	107.53	76.81	46.08
Punjab National Bank-III D3					
Gross loan - Opening	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
Cumulative repayments of Loans upto previous period	666.67	888.89	1,111.11	1,333.33	1,555.56
Net loan - Opening	1,333.33	1,111.11	888.89	666.67	444.44
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	1,333.33	1,111.11	888.89	666.67	444.44
Repayments of Loans during the period	222.22	222.22	222.22	222.22	222.22
Net loan - Closing	1,111.11	888.89	666.67	444.44	222.22
Average Net Loan	1,222.22	1,000.00	777.78	555.56	333.33
Rate of Interest on Loan	7.9000%	7.9000%	7.9000%	7.9000%	7.9000%
Interest on Loan Annualised	96.56	79.00	61.44	43.89	26.33
Punjab National Bank-III D5					
Gross loan - Opening	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
Cumulative repayments of Loans upto previous period	1,333.33	1,777.78	2,222.22	2,666.67	3,111.11
Net loan - Opening	2,666.67	2,222.22	1,777.78	1,333.33	888.89
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	2,666.67	2,222.22	1,777.78	1,333.33	888.89
Repayments of Loans during the period	444.44	444.44	444.44	444.44	444.44
Net loan - Closing	2,222.22	1,777.78	1,333.33	888.89	444.44
Average Net Loan	2,444.44	2,000.00	1,555.56	1,111.11	666.67
Rate of Interest on Loan	7.9000%	7.9000%	7.9000%	7.9000%	7.9000%
Interest on Loan Annualised	193.11	158.00	122.89	87.78	52.67
Punjab National Bank-III Total					
Gross loan - Opening	9,500.00	9,500.00	9,500.00	9,500.00	9,500.00
Cumulative repayments of Loans upto previous period	3,166.67	4,222.22	5,277.78	6,333.33	7,388.89
Net loan - Opening	6,333.33	5,277.78	4,222.22	3,166.67	2,111.11
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	6,333.33	5,277.78	4,222.22	3,166.67	2,111.11
Repayments of Loans during the period	1,055.56	1,055.56	1,055.56	1,055.56	1,055.56
Net loan - Closing	5,277.78	4,222.22	3,166.67	2,111.11	1,055.56
Average Net Loan	5,805.56	4,750.00	3,694.44	2,638.89	1,583.33
Rate of Interest on Loan	7.9000%	7.9000%	7.9000%	7.9000%	7.9000%
Interest on Loan Annualised	458.64	375.25	291.86	208.47	125.08
State Bank of India-XII D1					
Gross loan - Opening	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
Cumulative repayments of Loans upto previous period	-	-	444.44	888.89	1,333.33
Net loan - Opening	4,000.00	4,000.00	3,555.56	3,111.11	2,666.67
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	4,000.00	4,000.00	3,555.56	3,111.11	2,666.67
Repayments of Loans during the period	-	444.44	444.44	444.44	444.44
Net loan - Closing	4,000.00	3,555.56	3,111.11	2,666.67	2,222.22
Average Net Loan	4,000.00	3,777.78	3,333.33	2,888.89	2,444.44
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	328.00	309.78	273.33	236.89	200.44
State Bank of India-XII D2					

Gross loan - Opening	24,000.00	24,000.00	24,000.00	24,000.00	24,000.00
Cumulative repayments of Loans upto previous period	-	-	2,666.67	5,333.33	8,000.00
Net loan - Opening	24,000.00	24,000.00	21,333.33	18,666.67	16,000.00
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	24,000.00	24,000.00	21,333.33	18,666.67	16,000.00
Repayments of Loans during the period	-	2,666.67	2,666.67	2,666.67	2,666.67
Net loan - Closing	24,000.00	21,333.33	18,666.67	16,000.00	13,333.33
Average Net Loan	24,000.00	22,666.67	20,000.00	17,333.33	14,666.67
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	1,968.00	1,858.67	1,640.00	1,421.33	1,202.67
State Bank of India-XII Total					
Gross loan - Opening	28,000.00	28,000.00	28,000.00	28,000.00	28,000.00
Cumulative repayments of Loans upto previous period	-	-	3,111.11	6,222.22	9,333.33
Net loan - Opening	28,000.00	28,000.00	24,888.89	21,777.78	18,666.67
Increase/ Decrease due to FERV	-	-	-	-	-
Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
Total	28,000.00	28,000.00	24,888.89	21,777.78	18,666.67
Repayments of Loans during the period	-	3,111.11	3,111.11	3,111.11	3,111.11
Net loan - Closing	28,000.00	24,888.89	21,777.78	18,666.67	15,555.56
Average Net Loan	28,000.00	26,444.44	23,333.33	20,222.22	17,111.11
Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
Interest on Loan Annualised	2,296.00	2,168.44	1,913.33	1,658.22	1,403.11

Rs. Lakh

Particulars	
Source of Loan - Bonds Series	69
Currency	INR
Amount of Loan sanctioned (In Lakh)	4,30,000
Amount of Gross Loan drawn upto COD (In Lakh)	4,30,000
Interest Type	Fixed
Fixed Interest Rate, if applicable**	7.32%
Base Rate, if Floating Interest	N/A
Margin, if Floating Interest	N/A
Are there any Caps/Floor	No
If above is yes,specify caps/floor	N/A
Moratorium Period (In Years)	10
Moratorium effective from*	17-07-2019
Repayment Period	Bullet Repayment
Repayment effective from	17-07-2029
Repayment Frequency	Bullet Repayment
Repayment Instalment (In Lakh)	4,30,000
Base Exchange Rate	N/A
Door to Door Maturity (In Years)	10

Name of the Projects	69
Anta Solar 90MW	
Auraiya R&M	
Auraiya Solar 20MW	
Auraiya Solar FS 20MW	
Barauni-II	
BARH I	84,200.00
BARH II	1,400.00
BONGAIGAON	17,100.00
CC	
CC - Jhabua Power	
CC - NEEPCO	1,391.30
CC - THDC	2,608.70
CHATTI BARIATU CMB	3,000.00
DADRI GAS R&M	
DARLIPALLI	40,000.00
DULANGA COAL	5,000.00

Particulars	
FARAKKA III	
FARAKKA R&M	1,000.00
Farakka-I , II & III FGD	
Faridabad R&M	
GADARWARA	47,600.00
Gandhar 20MW	
KAHALGAON II	
KAHALGAON R&M	
Kahalgaon-I & II FGD	
Kawas Solar	
Kayamkulam FS (22 MW)	
Kayamkulam FS (70 MW)	
KHARGONE	13,500.00
Kirenderi Coal Mine	
KOLDAM	
KORBA III	
KORBA R&M	
Korba-I, II & III FGD	
KUDGI	21,500.00
KUDGI-FGD	2,500.00
LARA	10,600.00
MAUDA I	6,000.00
MAUDA II	29,000.00
Nabinagar	
NCPS-FGD	6,500.00
NCTPP II	
NCTPP R&M	
Nokh Solar Plot-I (245MW)	
Nokh Solar Plot-II (245MW)	
Nokh Solar Plot-III (245MW)	
NORTH KARANPURA	15,000.00
PAKRI BARWADIH CMB	
RAMAGUNDAM R&M	
Ramagundam Floating Solar-100 MW	
Ramagundam I & II R&M	
RAMAGUNDAM SOLAR	1,000.00
Ramagundam-I & II FGD	
Ramagundam-III (1x500 MW)	
RAMMAM	2,500.00
Rihand- I FGD	
Rihand- II & III FGD	
RIHAND III	
RIHAND R&M	
Rihand Solar (20MW)	
Simhadri Floating	
SIMHADRI II	

Particulars	
SIMHADRI R&M	
Simhadri-II & I (2x500 MW) & (2x500 MW) FGD	
Singrauli R&M	1,000.00
Singrauli-I & II FGD	
SIPAT I	
Sipat-I (3x660 MW) FGD	
SIPAT II	
SOLAPUR	21,500.00
Solapur Solar	
Solapur-FGD	
Talaipali Coal Mine	11,500.00
TALCHER II	
TALCHER R&M	
TANDA R&M	
TANDA II	17,000.00
TAPOVAN VISHNUGAD	16,600.00
TELANGANA	37,000.00
TSTPP R&M	
TSTPS Stage-II & I FGD	
UNCHAHAR IV	14,000.00
Unchahar R&M	
Unchahar-I, II & III-FGD	
Unchahar-IV-FGD	
VINDHYACHAL IV	
VINDHYACHAL R&M	
Vindhyachal-I & II FGD	
TOTAL	4,30,000.00

BOND

Particulars	50-2A	50-3A	50-2B	50-3B	53	54	60	61	62	64	66	67	Rs. Lakh
Source of Loan - Bonds Series	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR
Currency	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR
Amount of Loan sanctioned (In Lakh)	24,994.59	31,202.76	9,139.28	39,996.81	1,00,000.00	10,30,683.05	1,00,000.00	1,07,250.00	80,000.00	70,000.00	3,92,500.00	4,00,000.00	
Amount of Gross Loan drawn upto COD (In Lakh)	24,994.59	31,202.76	9,139.28	39,996.81	1,00,000.00	10,30,683.05	1,00,000.00	1,07,250.00	80,000.00	70,000.00	3,92,500.00	4,00,000.00	
Interest Type	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable**	8.48%	8.66%	8.73%	8.91%	9.17%	8.49%	8.05%	8.10%	7.58%	7.49%	7.37%	8.30%	
Base Rate, if Floating Interest	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Margin, if Floating Interest	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Are there any Caps/Floor	No	No	No	No	No	No	No	No	No	No	No	No	
If above is yes,specify caps/floor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Moratorium Period (In Years)	15	20	15	20	10	8	10	5	10	15	15	10	
Moratorium effective from*	16-12-2013	16-12-2013	16-12-2013	16-12-2013	22-09-2014	25-03-2015	05-05-2016	27-05-2016	23-08-2016	07-11-2016	14-12-2016	15-01-2019	
Repayment Period	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment	Installments Due on 27/05/2021, 27/05/2026 & 27/05/2031	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment effective from	16-12-2028	16-12-2033	16-12-2028	16-12-2033	22-09-2024	25-03-2023	05-05-2026	27-05-2021	23-08-2026	07-11-2031	14-12-2031	15-01-2029	
Repayment Frequency	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment	Installments Due on 27/05/2021, 27/05/2026 & 27/05/2031	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment Instalment (In Lakh)	24,994.59	31,202.76	9,139.28	39,996.81	1,00,000.00	Installments 1st - 206,136.61 2nd - 412,273.22 3rd - 412,273.22	1,00,000.00	Installments 1st - 35,750.00 2nd - 35,750.00 3rd - 35,750.00	80,000.00	70,000.00	3,92,500.00	4,00,000.00	
Base Exchange Rate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Door to Door Maturity (In Years)	15	20	15	20	10	10	10	15	10	15	15	10	
Name of the Projects	50-2A	50-3A	50-2B	50-3B	53	54	60	61	62	64	66	67	
Solapur	1,142.61	1,426.41	417.80	1,828.43	21,000.00	70,300.00	2,400.00	7,000.00	9,000.00	5,100.00	25,300.00	25,200.00	

*Moratorium period has been taken as the period from Deemed Date of Allotment till the date of first Redemption.

** Excluding Surveillance fees of 0.03%

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
					365.00	26.64	7.2975%
	Corporation Bank-III	7.90%	01-Apr-23	10-Jan-24	285.00	22.52	
	Corporation Bank-III	8.10%	11-Jan-24	31-Mar-24	81.00	6.56	
					366.00	29.08	7.94%
3	Canara Bank-III	8.450%	01-Apr-19	23-Jul-19	113.00	9.55	8.1906%
		8.400%	23-Jul-19	23-Aug-19	31.00	2.60	
		8.300%	23-Aug-19	23-Sep-19	31.00	2.57	
		8.200%	23-Sep-19	23-Nov-19	61.00	5.00	
		8.150%	23-Nov-19	23-Dec-19	30.00	2.45	
		7.900%	23-Dec-19	23-Feb-20	62.00	4.90	
		7.650%	23-Feb-20	31-Mar-20	38.00	2.91	
					366.00	29.98	8.1906%
	Canara Bank-III	7.650%	01-Apr-20	22-Apr-20	22.00	1.68	7.4138%
		7.500%	23-Apr-20	22-Jun-20	61.00	4.58	
		7.300%	23-Jun-20	22-Jul-20	30.00	2.19	
		7.200%	23-Jul-20	22-Aug-20	31.00	2.23	
		7.000%	23-Aug-20	23-Aug-20	1.00	0.07	
					145.00	10.75	
4	HDFC Bank Limited-III	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%
	HDFC Bank Limited-III	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	
	HDFC Bank Limited-III	5.95%	01-04-2021	31-03-2022	365	21.72	5.95%
	HDFC Bank Limited-III	5.95%	01-04-2022	23-05-2022	53.00	3.15	
	HDFC Bank Limited-III	6.35%	24-05-2022	23-06-2022	31.00	1.97	
	HDFC Bank Limited-III	6.85%	24-06-2022	23-08-2022	61.00	4.18	
	HDFC Bank Limited-III	7.35%	24-08-2022	23-10-2022	61.00	4.48	
	HDFC Bank Limited-III	7.85%	24-10-2022	23-12-2022	61.00	4.79	

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
	HDFC Bank Limited-III	8.20%	24-12-2022	31-12-2022	8.00	0.66	
	HDFC Bank Limited-III	7.95%	01-01-2023	28-02-2023	59.00	4.69	
	HDFC Bank Limited-III	8.01%	01-03-2023	31-03-2023	31.00	2.48	
					365.00	26.40	7.2335%
	HDFC Bank Limited-III	8.01%	01-Apr-23	31-May-23	61.00	4.89	
	HDFC Bank Limited-III	7.95%	01-Jun-23	31-Mar-24	305.00	24.25	
					366.00	29.13	7.96%
5	Jammu & Kashmir Bank-IV	8.3000%	01-Apr-19	01-05-2019	30.00	2.49	7.9880%
		8.2500%	01-May-19	01-07-2019	61.00	5.03	
		8.2000%	01-Jul-19	01-09-2019	62.00	5.08	
		8.0000%	01-Sep-19	01-10-2019	30.00	2.40	
		7.9500%	01-Oct-19	01-11-2019	31.00	2.46	
		7.9000%	01-Nov-19	01-12-2019	30.00	2.37	
		7.8000%	01-Dec-19	01-01-2020	31.00	2.42	
		7.7000%	01-Jan-20	01-02-2020	31.00	2.39	
		7.6500%	01-Feb-20	31-Mar-20	60.00	4.59	
					366.00	29.24	7.9880%
	Jammu & Kashmir Bank-IV	7.600%	01-Apr-20	30-Apr-20	30.00	2.28	6.6804%
		7.250%	01-May-20	31-May-20	31.00	2.25	
		7.200%	01-Jun-20	30-Jun-20	30.00	2.16	
		7.150%	01-Jul-20	31-Jul-20	31.00	2.22	
		7.000%	01-Aug-20	31-Aug-20	31.00	2.17	
		6.850%	01-Sep-20	26-Nov-20	87.00	5.96	
		5.880%	27-Nov-20	31-Mar-21	125.00	7.35	
					365.00	24.38	
	Jammu & Kashmir Bank Ltd-IV	5.88%	01-04-2021	31-03-2022	365	21.46	5.88%
	Jammu & Kashmir Bank-IV	5.88%	01-04-2022	26-05-2022	56.00	3.29	
	Jammu & Kashmir Bank-IV	6.28%	27-05-2022	26-07-2022	61.00	3.83	
	Jammu & Kashmir Bank-IV	6.78%	27-07-2022	26-09-2022	62.00	4.20	
	Jammu & Kashmir Bank-IV	7.28%	27-09-2022	26-11-2022	61.00	4.44	
	Jammu & Kashmir Bank-IV	7.78%	27-11-2022	30-12-2022	34.00	2.65	
	Jammu & Kashmir Bank-IV	7.73%	31-12-2022	26-03-2023	86.00	6.65	
		7.98%	27-03-2023	31-03-2023	5.00	0.40	
					365.00	25.46	6.9753%
	Jammu & Kashmir Bank-IV	7.98%	01-Apr-23	31-Mar-24	366.00	29.21	
					366.00	29.21	7.98%

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
6	Karnataka Bank Ltd II	7.9600%	01-Apr-19	28-06-2019	88.00	7.00	7.4476%
		7.8500%	28-Jun-19	28-09-2019	92.00	7.22	
		7.1900%	28-Sep-19	28-12-2019	91.00	6.54	
		6.8300%	28-Dec-19	31-Mar-20	95.00	6.49	
					366.00	27.26	7.4476%
	Karnataka Bank Ltd II	6.100%	01-Apr-20	27-Jun-20	88.00	5.37	5.3767%
		5.000%	28-Jun-20	27-Sep-20	92.00	4.60	
		5.220%	28-Sep-20	31-Mar-21	185.00	9.66	
					365.00	19.63	
7	State Bank of India - VII	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%
	State Bank of India - VII	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	
	State Bank of India-VII	6.65%	01-04-2021	31-03-2022	365	24.27	6.65%
	State Bank of India - VII	6.65%	01-04-2022	13-05-2022	43.00	2.86	
	State Bank of India - VII	6.75%	14-05-2022	13-08-2022	92.00	6.21	
	State Bank of India - VII	7.15%	14-08-2022	13-11-2022	92.00	6.58	
	State Bank of India - VII	7.60%	14-11-2022	13-02-2023	92.00	6.99	
	State Bank of India - VII	8.00%	14-02-2023	31-03-2023	46.00	3.68	
					365.00	26.32	7.2108%
	State Bank of India - VII	8.00%	01-Apr-23	13-May-23	43.00	3.44	
	State Bank of India - VII	8.10%	14-May-23	29-Jun-23	47.00	3.81	
					90.00	7.25	8.05%
8	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%

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
	State Bank of India - VIII	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	
	State Bank of India-VIII	6.65%	01-04-2021	31-03-2022	365	24.27	6.65%
	State Bank of India - VIII	6.65%	01-04-2022	13-05-2022	43.00	2.86	
	State Bank of India - VIII	6.75%	14-05-2022	13-08-2022	92.00	6.21	
	State Bank of India - VIII	7.15%	14-08-2022	13-11-2022	92.00	6.58	
	State Bank of India - VIII	7.60%	14-11-2022	13-02-2023	92.00	6.99	
	State Bank of India - VIII	8.00%	14-02-2023	31-03-2023	46.00	3.68	
					365.00	26.32	7.2108%
	State Bank of India - VIII	8.00%	01-Apr-23	13-May-23	43.00	3.44	
	State Bank of India - VIII	8.10%	14-May-23	13-Aug-23	92.00	7.45	
	State Bank of India - VIII	8.15%	14-Aug-23	13-Feb-24	184.00	15.00	
	State Bank of India - VIII	8.20%	14-Feb-24	31-Mar-24	47.00	3.85	
					366.00	29.74	8.13%
9	Union Bank-II	8.4000%	01-Apr-19	01-07-2019	91.00	7.64	8.0795%
		8.3500%	01-Jul-19	03-09-2019	64.00	5.34	
		8.0000%	03-Sep-19	03-11-2019	61.00	4.88	
		7.9000%	03-Nov-19	03-01-2020	61.00	4.82	
		7.8000%	03-Jan-20	03-02-2020	31.00	2.42	
		7.7000%	03-Feb-20	31-Mar-20	58.00	4.47	
					366.00	29.57	8.0795%
	Union Bank-II	7.700%	01-Apr-20	02-Apr-20	2.00	0.15	6.7019%
		7.350%	03-Apr-20	02-Jun-20	61.00	4.48	
		7.250%	03-Jun-20	02-Jul-20	30.00	2.18	
		7.150%	03-Jul-20	02-Aug-20	31.00	2.22	
		6.950%	03-Aug-20	31-Aug-20	29.00	2.02	
		6.800%	01-Sep-20	30-Sep-20	30.00	2.04	
		6.750%	01-Oct-20	30-Nov-20	61.00	4.12	
		6.000%	01-Dec-20	31-Mar-21	121.00	7.26	
					365.00	24.46	
	Union Bank-II	6.00%	01-04-2021	31-03-2022	365	21.90	6.00%
	Union Bank-II	6.00%	01-04-2022	10-05-2022	40.00	2.40	
	Union Bank-II	6.40%	11-05-2022	10-06-2022	31.00	1.98	
	Union Bank-II	6.90%	11-06-2022	10-08-2022	61.00	4.21	

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
	Union Bank-II	7.40%	11-08-2022	10-10-2022	61.00	4.51	
	Union Bank-II	7.90%	11-10-2022	10-12-2022	61.00	4.82	
	Union Bank-II	8.25%	11-12-2022	29-12-2022	19.00	1.57	
	Union Bank-II	7.50%	30-12-2022	10-01-2023	12.00	0.90	
	Union Bank-II	7.65%	11-01-2023	10-02-2023	31.00	2.37	
	Union Bank-II	7.90%	11-02-2023	31-03-2023	49.00	3.87	
					365.00	26.64	7.2975%
	Union Bank-II	7.90%	01-Apr-23	10-Jan-24	285.00	22.52	
	Union Bank-II	8.10%	11-Jan-24	31-Mar-24	81.00	6.56	
					366.00	29.08	7.94%
10	United Bank of India-IV	8.4000%	01-Apr-19	06-05-2019	35.00	2.94	8.3072%
		8.3500%	06-May-19	01-07-2019	56.00	4.68	
		8.3000%	01-Jul-19	06-08-2019	36.00	2.99	
		8.2500%	06-Aug-19	06-09-2019	31.00	2.56	
		8.1500%	06-Sep-19	29-Sep-19	23.00	1.87	
					181.00	15.04	8.3072%
11	Vijaya Bank-V	8.4000%	01-Apr-19	13-04-2019	12.00	1.01	8.0117%
		8.3000%	13-Apr-19	13-05-2019	30.00	2.49	
		8.3500%	13-May-19	13-07-2019	61.00	5.09	
		8.3000%	13-Jul-19	13-08-2019	31.00	2.57	
		8.1500%	13-Aug-19	13-09-2019	31.00	2.53	
		8.1000%	13-Sep-19	13-10-2019	30.00	2.43	
		8.0500%	13-Oct-19	13-11-2019	31.00	2.50	
		7.8500%	13-Nov-19	13-12-2019	30.00	2.36	
		7.6500%	13-Dec-19	13-01-2020	31.00	2.37	
		7.6000%	13-Jan-20	13-02-2020	31.00	2.36	
		7.5500%	13-Feb-20	31-Mar-20	48.00	3.62	
					366.00	29.32	8.0117%
	Vijaya Bank-V	7.550%	01-Apr-20	12-Apr-20	12.00	0.91	7.2879%
		7.400%	13-Apr-20	12-May-20	30.00	2.22	
		7.350%	13-May-20	12-Jun-20	31.00	2.28	
		7.200%	13-Jun-20	12-Jul-20	30.00	2.16	
		7.150%	13-Jul-20	23-Aug-20	42.00	3.00	
					145.00	10.57	
12	HDFC Bank Limited-V	8.450%	01-Apr-19	25-06-2019	85.00	7.18	8.0586%
		8.400%	25-Jun-19	29-07-2019	34.00	2.86	
		8.300%	29-Jul-19	29-08-2019	31.00	2.57	
		8.200%	29-Aug-19	29-09-2019	31.00	2.54	

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
		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	29.49	8.0586%
	HDFC Bank Limited-V	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	
	HDFC Bank Limited-V	5.95%	01-04-2021	31-03-2022	365	21.72	5.95%
	HDFC Bank Limited-V	5.95%	01-04-2022	23-05-2022	53.00	3.15	
	HDFC Bank Limited-V	6.35%	24-05-2022	23-06-2022	31.00	1.97	
	HDFC Bank Limited-V	6.85%	24-06-2022	23-08-2022	61.00	4.18	
	HDFC Bank Limited-V	7.35%	24-08-2022	23-10-2022	61.00	4.48	
	HDFC Bank Limited-V	7.85%	24-10-2022	23-12-2022	61.00	4.79	
	HDFC Bank Limited-V	8.20%	24-12-2022	31-12-2022	8.00	0.66	
	HDFC Bank Limited-V	7.95%	01-01-2023	28-02-2023	59.00	4.69	
	HDFC Bank Limited-V	8.01%	01-03-2023	31-03-2023	31.00	2.48	
					365.00	26.40	7.2335%
	HDFC Bank Limited-V	8.01%	01-Apr-23	31-May-23	61.00	4.89	
	HDFC Bank Limited-V	7.95%	01-Jun-23	31-Mar-24	305.00	24.25	
					366.00	29.13	7.96%
13	HDFC Bank Ltd. VI	8.450%	01-Apr-19	26-06-2019	86.00	7.27	8.0587%
		8.400%	26-Jun-19	29-07-2019	33.00	2.77	
		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	8.0587%
	HDFC Bank Ltd. VI	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	
	HDFC VI	5.95%	01-04-2021	31-03-2022	365	21.72	5.95%

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
	HDFC Bank Ltd. VI	5.95%	01-04-2022	23-05-2022	53.00	3.15	
	HDFC Bank Ltd. VI	6.35%	24-05-2022	23-06-2022	31.00	1.97	
	HDFC Bank Ltd. VI	6.85%	24-06-2022	23-08-2022	61.00	4.18	
	HDFC Bank Ltd. VI	7.35%	24-08-2022	23-10-2022	61.00	4.48	
	HDFC Bank Ltd. VI	7.85%	24-10-2022	23-12-2022	61.00	4.79	
	HDFC Bank Ltd. VI	8.20%	24-12-2022	31-12-2022	8.00	0.66	
	HDFC Bank Ltd. VI	7.95%	01-01-2023	28-02-2023	59.00	4.69	
	HDFC Bank Ltd. VI	8.01%	01-03-2023	31-03-2023	31.00	2.48	
					365.00	26.40	7.2335%
	HDFC Bank Ltd. VI	8.01%	01-Apr-23	31-May-23	61.00	4.89	
	HDFC Bank Ltd. VI	7.95%	01-Jun-23	31-Mar-24	305.00	24.25	
					366.00	29.13	7.96%
14	State Bank of India - IX	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%
	State Bank of India - IX	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	
	State Bank of India - IX	6.65%	01-04-2021	31-03-2022	365	24.27	6.65%
	State Bank of India - IX	6.65%	01-04-2022	13-05-2022	43.00	2.86	
	State Bank of India - IX	6.75%	14-05-2022	13-08-2022	92.00	6.21	
	State Bank of India - IX	7.15%	14-08-2022	13-11-2022	92.00	6.58	
	State Bank of India - IX	7.60%	14-11-2022	13-02-2023	92.00	6.99	
	State Bank of India - IX	8.00%	14-02-2023	31-03-2023	46.00	3.68	
					365.00	26.32	7.2108%
	State Bank of India - IX	8.00%	01-Apr-23	13-May-23	43.00	3.44	
	State Bank of India - IX	8.10%	14-May-23	13-Aug-23	92.00	7.45	
	State Bank of India - IX	8.15%	14-Aug-23	13-Feb-24	184.00	15.00	
	State Bank of India - IX	8.20%	14-Feb-24	31-Mar-24	47.00	3.85	
					366.00	29.74	8.13%
15	State Bank of India - X	8.2500%	01-Apr-19	25-06-2019	85.00	7.01	7.9743%

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
		8.1500%	25-Jun-19	25-09-2019	92.00	7.50	
		7.8500%	25-Sep-19	25-12-2019	91.00	7.14	
		7.7000%	25-Dec-19	25-03-2020	91.00	7.01	
		7.5000%	25-Mar-20	31-Mar-20	7.00	0.53	
					366.00	29.19	7.9743%
	State Bank of India - X	7.500%	01-Apr-20	24-Jun-20	85.00	6.38	6.8732%
		6.750%	25-Jun-20	24-Sep-20	92.00	6.21	
		6.650%	25-Sep-20	31-Mar-21	188.00	12.50	
					365.00	25.09	
	State Bank of India - X	6.65%	01-04-2021	31-03-2022	365	24.27	6.65%
	State Bank of India - X	6.65%	01-04-2022	24-06-2022	85.00	5.65	
	State Bank of India - X	7.05%	25-06-2022	24-09-2022	92.00	6.49	
	State Bank of India - X	7.35%	25-09-2022	24-12-2022	91.00	6.69	
	State Bank of India - X	8.00%	25-12-2022	24-03-2023	90.00	7.20	
	State Bank of India - X	8.10%	25-03-2023	31-03-2023	7.00	0.57	
					365.00	26.59	7.2860%
	State Bank of India - X	8.10%	01-Apr-23	24-Sep-23	177.00	14.34	
	State Bank of India - X	8.15%	25-Sep-23	24-Dec-23	91.00	7.42	
	State Bank of India - X	8.20%	25-Dec-23	31-Mar-24	98.00	8.04	
					366.00	29.79	8.14%
16	State Bank of India - XI	8.3500%	01-Apr-19	11-04-2019	10.00	0.84	8.0332%
		8.3000%	11-Apr-19	11-07-2019	91.00	7.55	
		8.2000%	11-Jul-19	11-10-2019	92.00	7.54	
		7.8500%	11-Oct-19	11-01-2020	92.00	7.22	
		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	29.40	8.0332%
	State Bank of India - XI	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	
	State Bank of India - XI	6.65%	01-04-2021	31-03-2022	365	24.27	6.65%
	State Bank of India - XI	6.65%	01-04-2022	10-07-2022	101.00	6.72	
	State Bank of India - XI	7.05%	11-07-2022	30-09-2022	82.00	5.78	
	State Bank of India - XI	7.05%	01-10-2022	10-10-2022	10.00	0.71	
	State Bank of India - XI	7.35%	11-10-2022	13-02-2023	126.00	9.26	

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
	State Bank of India - XI	8.00%	14-02-2023	31-03-2023	46.00	3.68	
					365.00	26.14	7.1626%
	State Bank of India - XI	8.00%	01-Apr-23	10-Apr-23	10.00	0.80	
	State Bank of India - XI	8.10%	11-Apr-23	10-Oct-23	183.00	14.82	
	State Bank of India - XI	8.15%	11-Oct-23	10-Jan-24	92.00	7.50	
	State Bank of India - XI	8.20%	11-Jan-24	31-Mar-24	81.00	6.64	
					366.00	29.76	8.13%
17	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%
	Punjab National Bank III	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	
	Punjab National Bank III	6.20%	01-04-2021	20-09-2021	173	10.73	5.99%
		5.80%	21-09-2021	31-03-2022	192	11.14	
	Punjab National Bank III	5.80%	01-04-2022	20-06-2022	81.00	4.70	
	Punjab National Bank III	6.70%	21-06-2022	31-08-2022	72.00	4.82	
	Punjab National Bank III	7.20%	01-09-2022	30-09-2022	30.00	2.16	
	Punjab National Bank III	7.70%	01-10-2022	31-12-2022	92.00	7.08	
	Punjab National Bank III	8.05%	01-01-2023	28-02-2023	59.00	4.75	
	Punjab National Bank III	8.30%	01-03-2023	31-03-2023	31.00	2.57	
					365.00	26.09	7.1475%
	Punjab National Bank III	7.90%	01-Apr-23	31-Mar-24	366.00	28.91	
					366.00	28.91	7.90%
18	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	

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
		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%
	State Bank of India - XII	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	
	State Bank of India - XII	6.65%	01-04-2021	31-03-2022	365	24.27	6.65%
	State Bank of India - XII	6.65%	01-04-2022	10-07-2022	101.00	6.72	
	State Bank of India - XII	7.05%	11-07-2022	10-10-2022	92.00	6.49	
	State Bank of India - XII	7.35%	11-10-2022	10-01-2023	92.00	6.76	
	State Bank of India - XII	8.00%	11-01-2023	31-03-2023	80.00	6.40	
					365.00	26.36	7.2232%
	State Bank of India - XII	8.00%	01-Apr-23	10-Apr-23	10.00	0.80	
	State Bank of India - XII	8.10%	11-Apr-23	10-Oct-23	183.00	14.82	
	State Bank of India - XII	8.15%	11-Oct-23	10-Jan-24	92.00	7.50	
	State Bank of India - XII	8.20%	11-Jan-24	31-Mar-24	81.00	6.64	
					366.00	29.76	8.13%
19	Bank Of India-IV	6.000%	07-Dec-20	31-Mar-21	115.00	6.90	6.0000%
	Bank Of India-IV	6.00%	01-04-2021	31-03-2022	365	21.90	6.00%
	Bank Of India-IV	6.00%	01-04-2022	03-05-2022	33.00	1.98	
	Bank Of India-IV	6.40%	04-05-2022	07-06-2022	35.00	2.24	
	Bank Of India-IV	6.90%	08-06-2022	04-08-2022	58.00	4.00	
	Bank Of India-IV	7.40%	05-08-2022	29-09-2022	56.00	4.14	
	Bank Of India-IV	7.90%	30-09-2022	23-11-2022	55.00	4.35	
	Bank Of India-IV	7.55%	24-11-2022	06-12-2022	13.00	0.98	
	Bank Of India-IV	7.90%	07-12-2022	07-02-2023	63.00	4.98	
	Bank Of India-IV	8.15%	08-02-2023	31-03-2023	52.00	4.24	
	Bank Of India-IV						
	Bank Of India-IV				365.00	26.91	7.3719%
	Bank Of India-IV	8.00%	01-Apr-23	31-Mar-24	366.00	29.28	
					366.00	29.28	8.00%
20	HDFC Bank Limited-IX D4	6.300%	24-Aug-20	23-Dec-20	122.00	7.69	6.1441%

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
		5.950%	24-Dec-20	31-Mar-21	98.00	5.83	
					220.00	13.52	
	HDFC IX	5.95%	01-04-2021	31-03-2022	365	21.72	5.95%
	HDFC-IX	5.95%	01-04-2022	23-05-2022	53.00	3.15	
	HDFC-IX	6.35%	24-05-2022	23-06-2022	31.00	1.97	
	HDFC-IX	6.85%	24-06-2022	23-08-2022	61.00	4.18	
	HDFC-IX	7.35%	24-08-2022	23-10-2022	61.00	4.48	
	HDFC-IX	7.85%	24-10-2022	23-12-2022	61.00	4.79	
	HDFC-IX	8.20%	24-12-2022	31-12-2022	8.00	0.66	
	HDFC-IX	7.95%	01-01-2023	28-02-2023	59.00	4.69	
	HDFC-IX	8.01%	01-03-2023	31-03-2023	31.00	2.48	
					365.00	26.40	7.2335%
	HDFC-IX	8.01%	01-Apr-23	31-May-23	61.00	4.89	
	HDFC-IX	7.95%	01-Jun-23	31-Mar-24	305.00	24.25	
					366.00	29.13	7.96%
21	HDFC Bank Limited-VII	8.4000%	21-Jun-19	29-07-2019	38.00	3.19	7.9367%
		8.3000%	29-Jul-19	29-08-2019	31.00	2.57	
		8.2000%	29-Aug-19	29-09-2019	31.00	2.54	
		8.1000%	29-Sep-19	29-10-2019	30.00	2.43	
		8.0000%	29-Oct-19	01-12-2019	33.00	2.64	
		7.6500%	01-Dec-19	11-02-2020	72.00	5.51	
		7.5000%	11-Feb-20	01-03-2020	19.00	1.43	
		7.4500%	01-Mar-20	31-Mar-20	31.00	2.31	
					285.00	22.62	7.9367%
	HDFC Bank Limited-VII	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	

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
	HDFC VII	5.95%	01-04-2021	31-03-2022	365	21.72	5.95%
	HDFC Bank Limited-VII	5.95%	01-04-2022	23-05-2022	53.00	3.15	
	HDFC Bank Limited-VII	6.35%	24-05-2022	23-06-2022	31.00	1.97	
	HDFC Bank Limited-VII	6.85%	24-06-2022	23-08-2022	61.00	4.18	
	HDFC Bank Limited-VII	7.35%	24-08-2022	23-10-2022	61.00	4.48	
	HDFC Bank Limited-VII	7.85%	24-10-2022	23-12-2022	61.00	4.79	
	HDFC Bank Limited-VII	8.20%	24-12-2022	31-12-2022	8.00	0.66	
	HDFC Bank Limited-VII	7.95%	01-01-2023	28-02-2023	59.00	4.69	
	HDFC Bank Limited-VII	8.01%	01-03-2023	31-03-2023	31.00	2.48	
					365.00	26.40	7.2335%
	HDFC Bank Limited-VII	8.01%	01-Apr-23	31-May-23	61.00	4.89	
	HDFC Bank Limited-VII	7.95%	01-Jun-23	31-Mar-24	305.00	24.25	
					366.00	29.13	7.96%

IF WAR

From 31-03-2024
To 31-03-2024

Name of the Loan	From	To	Floating Rate of interest	Withholding Tax (WHT)	Applicability of Withholding Tax	Interest Basis	Financial year	Interest rate (incl WHT)	Loan Proportion	No of days	Product	WAVG rate
JPY Equ. 350Million A	12-01-2024	31-03-2024	0.96342%	5.46000%	100.00000%	Act/365	2023-24	1.019061%	100%	1	0.01021853	
JPY Equ. 350Million A Weighted Average rate												1.02190%
JPY Equ. 350Million B	12-01-2024	31-03-2024	0.96342%	5.46000%	100.00000%	Act/365	2023-24	1.019061%	100%	1	0.01021853	
JPY Equ. 350Million B Weighted Average rate												1.02190%
JPY Equ. 750M Drawl (I to IV)	31-01-2024	31-03-2024	0.83190%	5.46000%	58.73020%	Act/365	2023-24	0.860117%	75%	1	0.00646855	
JPY Equ. 750M Drawl (I to IV)	31-01-2024	31-03-2024	1.05190%	5.46000%	52.38100%	Act/365	2023-24	1.083722%	25%	1	0.00271673	
JPY Equ. 750M Drawl (I to IV) Weighted Average rate												0.91850%
JPY Equ. 750M Drawl (V-VI)	31-01-2024	31-03-2024	0.83190%	5.46000%	0.00000%	Act/365	2023-24	0.831900%	75%	1	0.00625634	
JPY Equ. 750M Drawl (V-VI)	31-01-2024	31-03-2024	1.05190%	5.46000%	0.00000%	Act/365	2023-24	1.051900%	25%	1	0.00263695	
JPY Equ. 750M Drawl (V-VI) Weighted Average rate												0.88930%
Euro Loan I Drawl I	06-12-2023	31-03-2024	4.89500%	1.77703%		Act/360	2023-24	4.981985%	100%	1	0.05065019	
Euro Loan I Drawl I Weighted Average rate												5.06500%
Euro Loan I Drawl II	06-12-2023	31-03-2024	4.89500%	1.743516%		Act/360	2023-24	4.980345%	100%	1	0.05063351	
Euro Loan I Drawl II Weighted Average rate												5.06340%

Refinancing

Year wise Prepayment of Loans

Sr. No.	Bank	ROI on prepayment date	Date of Prepayment	Replaced with Bank	ROI of replaced Loan	Prepayment Amount	Saving	Saving retained
Prepayment of Loans in 2019-20								
1	United Bank of India-IV	8.05%	23-Dec-19	Bond 69	7.32%	56,25,00,000	0.73%	0.3650%
Prepayment of Loans during 2020-21								
1	Canara Bank-III	7.20%	24-Aug-20	HDFC-IX	6.30%	400000000	0.90%	0.45%
2	Vijaya Bank-V	7.15%	24-Aug-20	HDFC-IX	6.30%	142857140	0.85%	0.43%
3	Bank of India-II	6.70%	7-Dec-20	Bank of India-IV	6.00%	1,72,00,00,000	0.70%	0.35%

IF Rates

		2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Loan	Euro Bond -	7.0690%	7.0690%	7.0791%	7.0791%	7.1350%										
		6.9722%	6.9722%	6.9631%	6.9631%	7.0180%										
Loan	Euro Bond -	7.5510%	7.5510%	7.5618%	7.5618%	7.6214%	7.6214%	7.6214%								
		7.4476%	7.4476%	7.4378%	7.4378%	7.4965%	7.4965%	7.4965%								
2021	Euro Bond -III				7.12	7.1774914	7.1774914	7.1775%	7.1775%	7.1775%	7.1968%	7.1968%	7.1968%	7.1968%		
2022	Euro Bond -IV				5.01%	5.02%	5.02%	5.0215%	5.0215%	5.0215%	5.0243%	5.0243%	5.0243%	5.0243%	5.0243%	
	K Exim				4.78	4.7927649	4.7927649	4.8059%	4.7928%	4.7928%	4.7928%	4.7928%	4.7928%	4.7928%	4.7928%	
2024	Euro Bond -V							4.6251%	4.6251%	4.6251%	4.6277%	4.6277%	4.6277%	4.6277%	4.6277%	4.6277%
2026	Euro Bond- 2026									4.4930%	4.4955%	4.4955%	4.4955%	4.4955%	4.4955%	4.4955%
2027	Euro Bond-2027									2.9072%	2.9088%	2.9088%	2.9088%	2.9088%	2.9088%	2.9088%
2028	Euro Bond-2028										4.7599%	4.7599%	4.7599%	4.7599%	4.7599%	4.7599%
	3.75% Euro Bonds 2024 II												3.9666%	3.9666%	3.9666%	3.9666%

Details of Sourcewise fuel for computation of Energy Charges								
Name of the Company		NTPC Ltd						
Name of the generating Station		Solapur						
Month		Apr-23						
SL	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A)	OPENING QUANTITY							
1	Opening Stock of coal	MT	1,27,999.39	1,691.43	10,410.53	-	1,45,011.15	-
2	Value of Stock	Rs	74,14,88,077.89	99,15,042.75	5,72,70,876.12	(0.12)	2,10,01,18,589.68	-
B)	QUANTITY							
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	1,33,238.15	27,542.63	1,30,140.55	-	32,045.60	-
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	-	(1,365.43)	-	-	-	-
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,33,238.15	26,177.20	1,30,140.55	-	32,045.60	-
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	1,065.91	220.34	1,041.12	-	64.09	-
7	Net Coal / Lignite supplied (5 - 6)	MT	1,32,172.24	25,956.86	1,29,099.43	-	31,981.51	-
C)	PRICE							
8	Amount charged by the Coal / Lignite Company	Rs	56,92,27,234.00	6,69,87,458.00	49,64,90,558.00	-	45,17,45,160.00	-
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	(13,45,244.00)	(32,98,407.00)	69,08,382.00	-	(3,83,36,658.00)	-
10	Handling, Sampling and such other Similar charges	Rs	78,31,719.32	16,18,951.84	76,49,642.84	-	-	-
11	Total Amount charged (8 +9+10)	Rs	57,57,13,709.32	6,53,08,002.84	51,10,48,582.84	-	41,34,08,502.00	-
D)	TRANSPORTATION							
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	19,96,22,121.00	9,08,75,611.00	18,66,82,091.00	-	-	-
	By Road	Rs	-	-	42,58,728.00	-	-	-
	By Ship	Rs	-	-	-	-	-	-
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	-	-	-	-	-	-
14	Demurrage charges, if any	Rs	-	-	-	-	-	-
15	Cost of fuel in transporting Coal through MGR system, if applicable	Rs	5,01,220.83	1,03,611.01	4,89,568.15	-	-	-
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	20,01,23,341.83	9,09,79,222.01	19,14,30,387.15	-	-	-
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	77,58,37,051.16	15,62,87,224.85	70,24,78,969.99	-	41,34,08,502.00	-
E)	TOTAL COST							
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	5,832.02	6,011.30	5,445.85	-	14,201.31	-
19	Blending Ratio		0.46	0.000	0.359	0.000	0.185	0.000
20	Weighted average cost of Coal /Lignite	Rs/MT	7,240.92					
F)	QUALITY							
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4,273.00	4741	3615	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4,257.00	4738	3596	0		0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal /Lignite as billed	(Kcal/Kg)	4,161.00					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3,745.81	3471	3231			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3,569.00	3305	3040			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5164	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					5229	
29	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3721					
	Wt Avg Price of Coal/Lignite (2023-24)	Rs/MT	6732					
	Wt Avg GCV of Coal/Lignite as received (2023-24)	(Kcal/Kg)	3584					

Details of Sourcewise fuel for computation of Energy Charges								
Name of the Company		NTPC Ltd						
Name of the generating Station		Solapur						
Month		May-23						
SL	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	1,20,824.63	27,648.29	29,630.96	0.00	1,20,448.66	0.00
2	Value of Stock	Rs	70,46,51,184.70	16,62,02,267.60	16,13,65,663.78	-0.13	1,71,05,28,391.77	0.00
B) QUANTITY								
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	1,14,454.07	70,563.84	1,08,368.83	0.00	414.50	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	-	-2,396.83	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,14,454.07	68,167.01	1,08,368.83	0.00	414.50	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	915.63	564.51	866.95	0.00	0.83	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1,13,538.44	67,602.50	1,07,501.88	0.00	413.67	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	49,41,46,038.00	179855657	42,83,86,967.00	0.00	60,58,532.00	0.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	(70,14,423.00)	-5787418	1,24,25,068.00	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs	53,18,958.08	3279272.697	50,36,162.22	0.00	0.00	0.00
11	Total Amount charged (8 +9+10)	Rs	49,24,50,573	17,73,47,512	44,58,48,197	0	60,58,532	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	16,66,94,974.00	22,42,00,152	13,57,43,135.00	0.00	0.00	0.00
	By Road	Rs	-	0	0.00	0.00	0.00	0.00
	By Ship	Rs	-	0	0.00	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	-	0	0.00	0.00	0.00	0.00
14	Demurrage charges, if any	Rs	-	0	0.00	0.00	0.00	0.00
15	Cost of fuel in transporting Coal through MGR system, if applicable	Rs	4,23,764.09	2,61,261	4,01,233.60	0.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	16,71,18,738	22,44,61,413	13,61,44,369	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	65,95,69,311	40,18,08,925	58,19,92,566	0	60,58,532	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	5,820.97	5,963.32	5,420.72	-	14,202.83	-
19	Blending Ratio		0.425	0.000	0.402	0.000	0.172	0.000
20	Weighted average cost of Coal /Lignite	Rs/MT	7,101.88					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4265	4738	3597	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4321	4649	3425	0		0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal /Lignite as billed	(Kcal/Kg)	4080					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3656	3315	3054			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3440	3271	2962			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5176	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					5024	
29	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3602					
Wt Avg Price of Coal/Lignite (2023-24)		Rs/MT						
Wt Avg GCV of Coal/Lignite as received (2023-24)		(Kcal/Kg)						

Details of Sourcewise fuel for computation of Energy Charges								
Name of the Company			NTPC Ltd					
Name of the generating Station			Solapur					
Month			June-23					
SL	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A)	OPENING QUANTITY							
1	Opening Stock of coal	MT	1,10,109.07	95,250.79	19,590.84	0.00	70,620.33	0
2	Value of Stock	Rs	64,09,41,638.42	56,80,11,192.60	10,61,96,386.93	-0.14	1,00,30,08,423.13	0
B)	QUANTITY							
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	1,20,637.76	1,12,110.26	31,999.45	0.00	0.00	0
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-990.73	0.00	0.00	0.00	0
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,20,637.76	1,11,119.53	31,999.45	0.00	0.00	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	965.10	896.88	256.00	0.00	0.00	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1,19,672.66	1,10,222.65	31,743.45	0.00	0.00	0.00
C)	PRICE							
8	Amount charged by the Coal / Lignite Company	Rs	49,99,73,314.00	30,56,68,424.00	11,80,61,785.53	0.00	0.00	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	-19,29,822.00	-24,93,431.00	42,26,161.00	0.00	0.00	0
10	Handling, Sampling and such other Similar charges	Rs	45,02,497.58	41,84,230.33	11,94,298.09	0.00	0.00	0
11	Total Amount charged (8 +9+10)	Rs	50,25,45,989.58	30,73,59,223.33	12,34,82,244.62	0.00	0.00	0.00
D)	TRANSPORTATION	Rs						
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	19,63,09,873.00	34,48,21,301.00	5,44,24,676.00	0.00	0.00	0
	By Road	Rs	0.00	0.00	0.00	0.00	0.00	0
	By Ship	Rs	0.00	0.00	0.00	0.00	0.00	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0.00	0.00	0.00	0.00	0.00	0
14	Demurrage charges, if any	Rs	0.00	0.00	0.00	0.00	0.00	0
15	Cost of fuel in transporting Coal through MGR system, if applicable	Rs	2,52,118.70	2,34,297.23	66,875.08	0.00	0.00	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	19,65,61,991.70	34,50,55,598.23	5,44,91,551.08	0.00	0.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	69,91,07,981.28	65,24,14,821.56	17,79,73,795.70	0.00	0.00	0.00
E)	TOTAL COST							
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	5,831.84	5,939.58	5,535.68	-	14,202.83	-
19	Blending Ratio		0.304	0.48	0.13	0.00	0.09	0
20	Weighted average cost of Coal /Lignite	Rs/MT	6,581.00					
F)	QUALITY							
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4292	4,675.00	3,462.00	0.00		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4256	4,750.00	4,551.00	0.00		0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5,000.00	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5,000.00	
25	Weighted average GCV of Coal /Lignite as billed	(Kcal/Kg)	4531					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3551	3284	2982	0		0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3555	3252	3994	0		0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5175	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					0	
29	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3566					
	Wt Avg Price of Coal/Lignite (2023-24)	Rs/MT						
	Wt Avg GCV of Coal/Lignite as received (2023-24)	(Kcal/Kg)						

Details of Sourcewise fuel for computation of Energy Charges								
Name of the Company			NTPC Ltd					
Name of the generating Station			Solapur					
Month			July-23					
SL	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A)	OPENING QUANTITY							
1	Opening Stock of coal	MT	1,22,755.73	36,783.44	5,814.29	0.00	39,661.33	0.00
2	Value of Stock	Rs	71,58,91,421.39	21,84,78,198.76	3,21,86,046.61	-0.15	56,33,03,061.06	0.00
B)	QUANTITY							
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	87,523.25	1,16,099.82	1,19,203.08	0.00	1,154.80	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	0.00	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	87,523.25	1,16,099.82	1,19,203.08	0.00	1,154.80	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	700.19	928.80	953.62	0.00	2.31	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	86,823.06	1,15,171.02	1,18,249.46	0.00	1,152.49	0.00
C)	PRICE							
8	Amount charged by the Coal / Lignite Company	Rs	34,08,29,751.00	29,26,15,953.00	43,45,46,963.00	0.00	-1,43,51,419.00	0.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0.00	0.00	0.00	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs	35,04,428.75	46,48,633.90	47,72,888.35	0.00	0.00	0.00
11	Total Amount charged (8 +9+10)	Rs	34,43,34,179.75	29,72,64,586.90	43,93,19,851.35	0.00	-1,43,51,419.00	0.00
D)	TRANSPORTATION	Rs						
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	14,09,23,592.00	37,99,25,553.00	17,17,93,585.00	0.00	0.00	0.00
	By Road	Rs	0.00	0.00	0.00	0.00	0.00	0.00
	By Ship	Rs	0.00	0.00	0.00	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0.00	0.00	0.00	0.00	0.00	0.00
14	Demurrage charges, if any	Rs	0.00	0.00	1,17,497.00	0.00	0.00	0.00
15	Cost of fuel in transporting Coal through MGR system, if applicable	Rs	3,00,504.41	3,98,619.89	4,09,274.70	0.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	14,12,24,096.41	38,03,24,172.89	17,20,85,362.70	0.00	0.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	48,55,58,276.16	67,75,88,759.79	61,14,05,214.05	0.00	-1,43,51,419.00	0.00
E)	TOTAL COST							
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	5,732.69	5,896.94	5,187.59	-	13,450.14	-
19	Blending Ratio		0.4762	0.3337	0.1257	0.0000	0.0644	0.0000
20	Weighted average cost of Coal /Lignite	Rs/MT	6,215.93					
F)	QUALITY							
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4,273.00	4,750.00	4,135.00	0.00		0.00
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4,365.00	4,750.00	4,267.00	0.00		0.00
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5,000.00	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5,000.00	
25	Weighted average GCV of Coal /Lignite as billed	(Kcal/Kg)	4496					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3,553.22	3,266.75	3,607.76	0.00		0.00
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3,399.00	3,074.00	3,483.00	0.00		0.00
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5,175.00	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					5,261.00	
29	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3475					
	Wt Avg Price of Coal/Lignite (2023-24)	Rs/MT						
	Wt Avg GCV of Coal/Lignite as received (2023-24)	(Kcal/Kg)						

Details of Sourcewise fuel for computation of Energy Charges								
Name of the Company		NTPC Ltd						
Name of the generating Station		Solapur						
Month		Aug-23						
SL	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A)	OPENING QUANTITY							
1	Opening Stock of coal	MT	18,779.79	18,254.46	73,719.75	0.00	15,016.82	0.00
2	Value of Stock	Rs	10,76,58,666.29	10,76,45,530.45	38,24,27,476.49	-0.16	20,19,78,349.42	0.00
B)	QUANTITY							
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	1,16,686.32	1,87,316.67	1,55,334.54	0.00	302.50	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-3,995.69	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,16,686.32	1,83,320.98	1,55,334.54	0.00	302.50	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	933.49	1,498.53	1,242.68	0.00	0.61	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1,15,752.83	1,81,822.45	1,54,091.86	0.00	301.90	0.00
C)	PRICE							
8	Amount charged by the Coal / Lignite Company	Rs	55,70,00,023.00	46,83,86,867.00	59,85,97,737.00	0.00	42,47,935.00	0.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0.00	0.00	0.00	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs	23,50,022.89	37,72,494.18	31,28,384.93	0.00	0.00	0.00
11	Total Amount charged (8 +9+10)	Rs	55,93,50,045.89	47,21,59,361.18	60,17,26,121.93	0.00	42,47,935.00	0.00
D)	TRANSPORTATION	Rs						
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	18,46,10,848.00	60,59,54,204.00	24,24,05,891.00	0.00	0.00	0.00
	By Road	Rs	0.00	0.00	0.00	0.00	0.00	0.00
	By Ship	Rs	0.00	0.00	0.00	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0.00	0.00	0.00	0.00	0.00	0.00
14	Demurrage charges, if any	Rs	0.00	0.00	2,97,332.00	0.00	0.00	0.00
15	Cost of fuel in transporting Coal through MGR system, if applicable	Rs	3,04,632.34	4,89,026.62	4,05,531.04	0.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	18,49,15,480.34	60,64,43,230.62	24,25,14,090.04	0.00	0.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	74,42,65,526.24	1,07,86,02,591.79	84,42,40,211.97	0.00	42,47,935.00	0.00
E)	TOTAL COST							
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,332.47	5,928.96	5,384.57	-	13,462.37	-
19	Blending Ratio		0.267	0.248	0.454	0.000	0.031	0.000
20	Weighted average cost of Coal /Lignite	Rs/MT	6,020.49					
F)	QUALITY							
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4,311.00	4,750.00	4,261.00	0.00		0.00
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4,284.00	4,750.00	4,143.00	0.00		0.00
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5,000.00	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5,000.00	
25	Weighted average GCV of Coal /Lignite as billed	(Kcal/Kg)	4376					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3,489.33	3,120.66	3,488.85			0.00
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3,237.00	3,257.00	3,338.00			0.00
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5,177.00	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4,653.00	
29	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3375					
	Wt Avg Price of Coal/Lignite (2023-24)	Rs/MT						
	Wt Avg GCV of Coal/Lignite as received (2023-24)	(Kcal/Kg)						

Details of Sourcewise fuel for computation of Energy Charges								
Name of the Company		NTPC Ltd						
Name of the generating Station		Solapur						
Month		Sep-23						
SL	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A)	OPENING QUANTITY							
1	Opening Stock of coal	MT	1,045.62	76,221.91	1,063.61	0.00	15.71	0.00
2	Value of Stock	Rs	66,21,360.48	45,19,16,703.48	57,27,083.08	-0.17	2,11,493.97	0.00
B)	QUANTITY							
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	1,96,279.71	1,58,168.43	76,486.72	0.00	20,963.80	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-6,553.00	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,96,279.71	1,51,615.43	76,486.72	0.00	20,963.80	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	1,570.24	1,265.35	611.89	0.00	41.93	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1,94,709.47	1,50,350.08	75,874.83	0.00	20,921.87	0.00
C)	PRICE							
8	Amount charged by the Coal / Lignite Company	Rs	90,96,99,386.00	39,00,18,054.00	28,02,69,704.00	0.00	25,77,98,071.00	0.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0.00	0.00	0.00	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs	1,04,34,585.49	84,08,520.70	40,66,172.80	0.00	0.00	0.00
11	Total Amount charged (8 +9+10)	Rs	92,01,33,971.49	39,84,26,574.70	28,43,35,876.80	0.00	25,77,98,071.00	0.00
D)	TRANSPORTATION	Rs						
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	31,80,29,786.00	50,65,95,158.00	10,29,52,801.00	0.00	0.00	0.00
	By Road	Rs	36,57,034.00	0.00	0.00	0.00	0.00	0.00
	By Ship	Rs	0.00	0.00	0.00	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0.00	0.00	0.00	0.00	0.00	0.00
14	Demurrage charges, if any	Rs	7,48,756.00	0.00	0.00	0.00	0.00	0.00
15	Cost of fuel in transporting Coal through MGR system, if applicable	Rs	4,98,489.64	4,01,698.80	1,94,252.57	0.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	32,14,36,553.64	50,69,96,856.80	10,31,47,053.57	0.00	0.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	1,24,15,70,525.13	90,54,23,431.50	38,74,82,930.37	0.00	25,77,98,071.00	0.00
E)	TOTAL COST							
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,376.29	5,990.77	5,110.71	-	12,322.80	-
19	Blending Ratio		0.32	0.50	0.17	0.00	0.01	0.00
20	Weighted average cost of Coal /Lignite	Rs/MT	6,009.36					
F)	QUALITY							
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4,288.00	4,750.00	4,181.00	0.00		0.00
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	3,837.00	4,750.00	4,034.00	0.00		0.00
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5,000.00	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5,000.00	
25	Weighted average GCV of Coal /Lignite as billed	(Kcal/Kg)	4338					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3,272.22	3,244.56	3,386.81			0.00
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3,616.00	3,629.00	3,504.00			0.00
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5,167.00	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4,910.00	
29	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3,546.00					
	Wt Avg Price of Coal/Lignite (2023-24)	Rs/MT						
	Wt Avg GCV of Coal/Lignite as received (2023-24)	(Kcal/Kg)						

Details of Sourcewise fuel for computation of Energy Charges									
Name of the Company		NTPC Ltd							
Name of the generating Station		Solapur							
Month				Oct-23					
SL	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets	Domestic Coal (Special Arrangement)
A)	OPENING QUANTITY								
1	Opening Stock of coal	MT	48,565.09	0.00	538.44	0.00	17,941.58	0.00	5,577.06
2	Value of Stock	Rs	30,96,65,262.14	0.00	27,51,810.39	-0.18	22,10,90,462.72	0.00	3,48,30,007.92
B)	QUANTITY								
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	2,33,881.02	19,681.46	1,46,185.66	0.00	75,504.40	0.00	2,17,496.25
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-3,383.59	0.00	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	2,33,881.02	16,297.87	1,46,185.66	0.00	75,504.40	0.00	2,17,496.25
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	1,871.05	157.45	1,169.49	0.00	151.01	0.00	1,739.97
7	Net Coal / Lignite supplied (5 - 6)	MT	2,32,009.97	16,140.42	1,45,016.17	0.00	75,353.39	0.00	2,15,756.28
C)	PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	1,07,26,76,593.00	4,11,86,472.00	54,46,99,567.00	0.00	94,40,09,922.13	0.00	1,03,16,83,302.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs	72,73,685.59	6,12,092.22	45,46,365.19	0.00	0.00	0.00	58,19,242.03
11	Total Amount charged (8 +9+10)	Rs	1,07,99,50,278.59	4,17,98,564.22	54,92,45,932.19	0.00	94,40,09,922.13	0.00	1,03,75,02,544.03
D)	TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport								
	By Rail	Rs	35,68,56,396.00	6,44,53,807.00	22,13,81,073.00	0.00	0.00	0.00	34,41,62,635.00
	By Road	Rs	60,37,500.00	0.00	0.00	0.00	0.00	0.00	28,98,000.00
	By Ship	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Demurrage charges, if any	Rs	2,54,384.00	0.00	0.00	0.00	0.00	0.00	5,89,406.00
15	Cost of fuel in transporting Coal through MGR system, if applicable	Rs	0.00	0.00	0.00	0.00	0.00	0.00	4,61,966.06
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	36,26,39,512.00	6,44,53,807.00	22,13,81,073.00	0.00	0.00	0.00	34,69,33,195.06
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	1,44,25,89,790.59	10,62,52,371.22	77,06,27,005.19	0.00	94,40,09,922.13	0.00	1,38,44,35,739.09
E)	TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,245.23	6,583.00	5,313.32	-	12,488.35	-	6,412.35
19	Blending Ratio		0.58	0.03	0.25	0.00	0.15	0.00	0.314
20	Weighted average cost of Coal /Lignite	Rs/MT	6,937.94						
F)	QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	3,839.00	4,750.00	4,036.00	0.00		0.00	4,209.00
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4,287.00	4,750.00	3,682.00	0.00		0.00	4,375.00
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5,000.00		
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5,000.00		
25	Weighted average GCV of Coal /Lignite as billed	(Kcal/Kg)	4,211.00						
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3,614.16	3,499.67	3,502.38			0.00	3,655.37
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3,664.00	3,666.00	3,033.00			0.00	3,498.00
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					4,910.00		
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4,840.00		
29	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3,678.00						
	Wt Avg Price of Coal/Lignite (2023-24)	Rs/MT							
	Wt Avg GCV of Coal/Lignite as received (2023-24)	(Kcal/Kg)							

Details of Sourcewise fuel for computation of Energy Charges							
Name of the Company		NTPC Ltd					
Name of the generating Station		Solapur					
Month		Nov-23					
SL	Particulars	Unit	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A)	OPENING QUANTITY						
1	Opening Stock of coal	MT	2,240.42	28,559.61	0.00	23,840.97	0.00
2	Value of Stock	Rs	1,47,48,682.96	15,17,46,463.78	-0.19	29,77,34,415.06	0.00
B)	QUANTITY						
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	7,838.08	2,14,700.44	0.00	35,549.30	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	-123.41	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	7,714.67	2,14,700.44	0.00	35,549.30	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	62.70	1,717.60	0.00	71.10	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	7,651.97	2,12,982.84	0.00	35,478.20	0.00
C)	PRICE						
8	Amount charged by the Coal / Lignite Company	Rs	3,23,73,954.85	97,02,56,528.00	0.00	44,65,04,733.58	0.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0.00	0.00	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs	2,09,712.51	57,44,438.46	0.00	0.00	0.00
11	Total Amount charged (8 +9+10)	Rs	3,25,83,667.36	97,60,00,966.46	0.00	44,65,04,733.58	0.00
D)	TRANSPORTATION	Rs					
12	Transportation charges by Rail / Ship / Road Transport						
	By Rail	Rs	1,25,25,260.00	31,00,45,235.00	0.00	0.00	0.00
	By Road	Rs	0.00	0.00	0.00	0.00	0.00
	By Ship	Rs	0.00	0.00	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0.00	0.00	0.00	0.00	0.00
14	Demurrage charges, if any	Rs	0.00	0.00	0.00	0.00	0.00
15	Cost of fuel in transporting Coal through MGR system, if applicable	Rs	16,648.23	4,56,027.71	0.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	1,25,41,908.23	31,05,01,262.71	0.00	0.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	4,51,25,575.59	1,28,65,02,229.17	0.00	44,65,04,733.58	0.00
E)	TOTAL COST						
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,052.56	5,954.43	-	12,546.35	-
19	Blending Ratio		0.006	0.560	0.000	0.120	0.000
20	Weighted average cost of Coal /Lignite	Rs/MT	6,891.97				
F)	QUALITY						
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4,750.00	3,683.00	0.00		0.00
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4,750.00	4,089.00	0.00		0.00
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)				5,000.00	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)				5,050.00	
25	Weighted average GCV of Coal /Lignite as billed	(Kcal/Kg)	4,268.00				
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3,666.00	3,034.74	0.00		0.00
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3,562.00	3,277.00	0.00		0.00
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)				4,853.00	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)				4,680.00	
29	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3,511.00				
	Wt Avg Price of Coal/Lignite (2023-24)	Rs/MT					
	Wt Avg GCV of Coal/Lignite as received (2023-24)	(Kcal/Kg)					

Details of Sourcewise fuel for computation of Energy Charges								
Name of the Company		NTPC Ltd						
Name of the generating Station		Solapur						
Month		Dec-23						
SL	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A)	OPENING QUANTITY							
1	Opening Stock of coal	MT	89,724.34	7,392.39	6,540.45	0.00	8,819.17	0.00
2	Value of Stock	Rs	57,53,43,427.40	4,47,42,864.97	3,89,44,680.99	-0.20	11,06,48,405.43	0.00
B)	QUANTITY							
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	2,26,795.78	273.54	2,42,618.30	0.00	32,512.30	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-114.82	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	2,26,795.78	158.72	2,42,618.30	0.00	32,512.30	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	1,814.37	2.19	1,940.95	0.00	65.02	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	2,24,981.41	156.53	2,40,677.35	0.00	32,447.28	0.00
C)	PRICE							
8	Amount charged by the Coal / Lignite Company	Rs	1,07,89,85,781.00	4,01,530.00	1,13,03,42,400.00	0.00	38,58,03,651.29	0.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0.00	0.00	0.00	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs	1,19,73,238.54	14,441.01	1,28,08,557.46	0.00	0.00	0.00
11	Total Amount charged (8 +9+10)	Rs	1,09,09,59,019.54	4,15,971.01	1,14,31,50,957.46	0.00	38,58,03,651.29	0.00
D)	TRANSPORTATION	Rs						
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	36,10,15,317.00	8,98,560.00	32,26,68,224.00	0.00	0.00	0.00
	By Road	Rs	0.00	0.00	0.00	0.00	0.00	0.00
	By Ship	Rs	0.00	0.00	0.00	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0.00	0.00	0.00	0.00	0.00	0.00
14	Demurrage charges, if any	Rs	9,04,765.00	0.00	0.00	0.00	0.00	0.00
15	Cost of fuel in transporting Coal through MGR system, if applicable	Rs	8,06,413.76	972.62	8,62,673.62	0.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	36,09,16,965.76	8,99,532.62	32,35,30,897.62	0.00	0.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	1,45,18,75,985.30	13,15,503.63	1,46,66,81,855.07	0.00	38,58,03,651.29	0.00
E)	TOTAL COST							
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,441.63	6,101.32	6,090.28	-	12,030.41	-
19	Blending Ratio		0.125	0.021	0.739	0.000	0.115	0.000
20	Weighted average cost of Coal /Lignite	Rs/MT	6,817.42					
F)	QUALITY							
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4,371.00	4,750.00	4,041.00	0.00		0.00
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4,193.00	4,750.00	3,975.00	0.00		0.00
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5,000.00	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5,050.00	
25	Weighted average GCV of Coal /Lignite as billed	(Kcal/Kg)	4,148.00					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3,501.97	3,585.55	3,248.36	0.00		0.00
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3,384.00	3,492.00	3,396.00	0.00		0.00
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					4,750.00	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4,765.00	
29	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3,557.00					
	Wt Avg Price of Coal/Lignite (2023-24)	Rs/MT						
	Wt Avg GCV of Coal/Lignite as received (2023-24)	(Kcal/Kg)						

Details of Sourcewise fuel for computation of Energy Charges								
Name of the Company		NTPC Ltd						
Name of the generating Station		Solapur						
Month		Jan-24						
SL	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	2,73,031.75	646.92	720.80	0.00	2,931.45	
2	Value of Stock	Rs	1,75,87,70,737.04	39,47,065.24	43,89,876.48	-0.21	3,52,66,527.20	
B) QUANTITY								
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	1,71,618.66	0.00	2,67,656.06	0.00	1,06,494.50	
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	0.00	0.00	0.00	0.00	
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,71,618.66	0.00	2,67,656.06	0.00	1,06,494.50	
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	1,372.95	0.00	2,141.25	0.00	212.99	
7	Net Coal / Lignite supplied (5 - 6)	MT	1,70,245.71	0.00	2,65,514.81	0.00	1,06,281.51	
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	76,88,04,202.00	0.00	1,30,15,50,291.00	0.00	1,37,61,00,685.55	
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0.00	0.00	0.00	0.00	0.00	
10	Handling, Sampling and such other Similar charges	Rs	43,61,937.11	0.00	68,02,866.89	0.00	0.00	
11	Total Amount charged (8 +9+10)	Rs	77,31,66,139.11	0.00	1,30,83,53,157.89	0.00	1,37,61,00,685.55	
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	25,51,15,634.00	0.00	37,46,49,850.00	0.00	0.00	
	By Road	Rs	0.00	0.00	0.00	0.00	0.00	
	By Ship	Rs	0.00	0.00	0.00	0.00	0.00	
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0.00	0.00	0.00	0.00	0.00	
14	Demurrage charges, if any	Rs	0.00	0.00	5,18,338.00	0.00	0.00	
15	Cost of fuel in transporting Coal through MGR system, if applicable	Rs	0.00	0.00	0.00	0.00	0.00	
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	25,51,15,634.00	0.00	37,41,31,512.00	0.00	0.00	
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	1,02,82,81,773.11	0.00	1,68,24,84,669.89	0.00	1,37,61,00,685.55	
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,287.38	6,101.32	6,336.02	-	12,923.07	
19	Blending Ratio		0.227	0.000	0.672	0.000	0.101	
20	Weighted average cost of Coal /Lignite	Rs/MT	6,989.99					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4,244.00	4,750.00	3,977.00	0.00		
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4,261.00	4,750.00	4,236.00	0.00		
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5,000.00	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5,000.00	
25	Weighted average GCV of Coal /Lignite as billed	(Kcal/Kg)	4,321.00					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3,422.00	3,605.00	3,387.00			
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3,576.00	0.00	3,543.00			
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					4,778.00	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4,759.00	
29	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3,652.00					
Wt Avg Price of Coal/Lignite (2023-24)		Rs/MT						
Wt Avg GCV of Coal/Lignite as received (2023-24)		(Kcal/Kg)						

Details of Sourcewise fuel for computation of Energy Charges									
Name of the Company		NTPC Ltd							
Name of the generating Station		Solapur							
Month		Feb-24							
SL	Particulars	Unit	Bio-Mass Pellets	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY									
1	Opening Stock of coal	MT	0.00	3,56,571.46	646.92	9,041.61	0.00	70,595.96	0.00
2	Value of Stock	Rs	0.00	2,24,18,99,199.29	39,47,065.23	5,72,87,835.25	-0.22	91,23,16,846.79	0.00
B) QUANTITY									
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	0.00	1,47,199.00	0.00	2,34,591.04	0.00	90,575.40	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	0.00	1,47,199.00	0.00	2,34,591.04	0.00	90,575.40	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	0.00	1,177.59	0.00	1,876.73	0.00	181.15	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	0.00	1,46,021.41	0.00	2,32,714.31	0.00	90,394.25	0.00
C) PRICE									
8	Amount charged by the Coal / Lignite Company	Rs	0.00	60,35,31,118.00	0.00	1,18,99,80,724.00	0.00	1,12,12,99,691.45	0.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs	0.00	31,75,820.31	0.00	50,61,304.69	0.00	0.00	0.00
11	Total Amount charged (8 +9+10)	Rs	0.00	60,67,06,938.31	0.00	1,19,50,42,028.69	0.00	1,12,12,99,691.45	0.00
D) TRANSPORTATION									
12	Transportation charges by Rail / Ship / Road Transport								
	By Rail	Rs	0.00	22,67,46,684.00	0.00	28,12,47,966.00	0.00	0.00	0.00
	By Road	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	By Ship	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Demurrage charges, if any	Rs	0.00	5,36,265.00	0.00	0.00	0.00	0.00	0.00
15	Cost of fuel in transporting Coal through MGR system, if applicable	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	0.00	22,62,10,419.00	0.00	28,12,47,966.00	0.00	0.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	0.00	83,29,17,357.31	0.00	1,47,62,89,994.69	0.00	1,12,12,99,691.45	0.00
E) TOTAL COST									
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	-	6,117.91	6,101.32	6,343.50	-	12,631.93	-
19	Blending Ratio		0.000	0.777	0.000	0.052	0.000	0.171	0.000
20	Weighted average cost of Coal /Lignite	Rs/MT				7,242.29			
F) QUALITY									
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	0.00	4,251.00	4,750.00	4,235.00	0.00		0.00
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	0.00	4,191.00		4,154.00	0.00		0.00
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)						5,000.00	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)						5,000.00	
25	Weighted average GCV of Coal /Lignite as billed	(Kcal/Kg)				4,365.00			
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	0.00	3,479.00	3,605.00	3,539.00			0.00
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	0.00	3,444.00		3,626.00			0.00
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)						4,759.00	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)						5,040.00	
29	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)				3,724.00			
Wt Avg Price of Coal/Lignite (2023-24)		Rs/MT							
Wt Avg GCV of Coal/Lignite as received (2023-24)		(Kcal/Kg)							

Details of Sourcewise fuel for computation of Energy Charges								
Name of the Company		NTPC Ltd						
Name of the generating Station		Solapur						
Month		Mar-24						
SL	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A)	OPENING QUANTITY							
1	Opening Stock of coal	MT	220391.87	646.92	222790.92	0	98955.21	0
2	Value of Stock	Rs	1348337016	3947065.221	1413273419	-0.23	1249994963	0
B)	QUANTITY							
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	148904.71	23638.26	153433.92	0	133.2	0
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0	-2026.74	0	0	0	0
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,48,904.71	21,611.52	1,53,433.92	0.00	133.20	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	1,191.24	172.89	1,227.47	0.00	0.27	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1,47,713.47	21,438.63	1,52,206.45	0.00	132.93	0.00
C)	PRICE							
8	Amount charged by the Coal / Lignite Company	Rs	623236673	54671412	854575915	0	1725197.98	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0	0	0	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	10747078.2	1706072.486	11073970.31	0	0	0
11	Total Amount charged (8 +9+10)	Rs	63,39,83,751.20	5,63,77,484.49	86,56,49,885.31	0.00	17,25,197.98	0.00
D)	TRANSPORTATION	Rs						
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	230288658	77101062	203029670	0	0	0
	By Road	Rs	0	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	300416	0	0	0	0	0
15	Cost of fuel in transporting Coal through MGR system, if applicable	Rs	0	0	0	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	22,99,88,242.00	7,71,01,062.00	20,30,29,670.00	0.00	0.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	86,39,71,993.20	13,34,78,546.49	1,06,86,79,555.31	0.00	17,25,197.98	0.00
E)	TOTAL COST							
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,009.99	6,222.42	6,618.59	-	12,632.39	-
19	Blending Ratio		0.891	0.000	0.000	0.000	0.109	0.000
20	Weighted average cost of Coal /Lignite	Rs/MT	6,732.28					
F)	QUALITY							
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4234	4750	4157	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4246	4750	4607	0		0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal /Lignite as billed	(Kcal/Kg)	4,322.00					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3486	3604	3645	0		0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3373	3505	3547	0		0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					4936	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4933	
29	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3,604.00					
	Wt Avg Price of Coal/Lignite (2023-24)	Rs/MT						
	Wt Avg GCV of Coal/Lignite as received (2023-24)	(Kcal/Kg)						

PART-I									
Form 15 A									
Name of the company									
NTPC									
Name of the power station									
Solapur									
Month									
S.No	Particulars	Unit	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
A OPENING QUANTITY									
1	Opening stock of Oil	KL	3371.212	3099.432	2753.192	2619.597	2213.689	1950.655	1766.481
2	Value of stock	Rs	254660464.5	234130275.1	207975396.9	197883665.9	167221482.7	147351963.8	133439508.4
B QUANTITY									
3	Quantity of oil supplied by oil company	KL	0.00	0.00	0.00	0.00	0.00	0.00	2,463.95
4	Adjustment(+/-) in qty supplied by Oil company	KL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Oil supplied by oil company (3+4)	KL	0.00	0.00	0.00	0.00	0.00	0.00	2,463.95
6	Normative transit & handling losses	KL							
7	Net oil supplied (5-6)	KL	0.00	0.00	0.00	0.00	0.00	0.00	2,463.95
C PRICE									
8	Amount charged by Oil company	Rs	0.00	0.00	0.00	0.00	0.00	0.00	18,84,18,651.00
9	Adjustment in amount charged by Oil company	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Handling, Sampling and such other similar charges	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Total amount charged (8+9+10)	Rs	0.00	0.00	0.00	0.00	0.00	0.00	18,84,18,651.00
D TRANSPORTATION									
12	Transportation charges by rail/ship/road	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Adjustment(+/-) in amount charged by rail/ship/road	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Demurrage charges (if any)	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Cost of diesel in transporting Oil through MGR if applicable	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Total transportation charges (12+/-13-14+15)	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for oil supplied incl transportation (11+16)	Rs	0.00	0.00	0.00	0.00	0.00	0.00	18,84,18,651.00
E TOTAL COST									
18	Landed cost of oil (2+17)/(1+7)	Rs/KL	75,539.74	75,539.74	75,539.74	75,539.74	75,539.74	75,539.74	76,081.65
19	Blending Ratio	(0-1)	1.00	1.00	1.00	1.00	1.00	1.00	1.00
20	Wt Avg Cost of Oil	Rs/KL	75,539.74	75,539.74	75,539.74	75,539.74	75,539.74	75,539.74	76,081.65
F QUALITY									
21	GCV Of Oil Of The Opening Stock As Per Bill Of Oil Company	Kcal/litre	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	GCV Of Oil Supplied As Per Bill Of Oil Company	Kcal/litre	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	GCV Of Imported Oil Of The Op Stock As Per Bill Of Oil Company	Kcal/litre	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	GCV Of Imported Oil Supplied As Per Bill Of Oil Company	Kcal/litre	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	Weighted Average GCV Of Oil As Billed	Kcal/litre	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	GCV Of Oil Of The Opening Stock As Received At Station	Kcal/litre	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	GCV Of Oil Supplied	Kcal/litre	9558	9555	9555	9555	9552	9552	9608
28	GCV Of Imported Oil Of The Opening Stock As Received At Station	Kcal/litre	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	GCV Of Imported Oil Supplied As Received At Station	Kcal/litre	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	Weighted Average GCV Of Oil as received	Kcal/litre	9,558.00	9,555.00	9,555.00	9,555.00	9,552.00	9,552.00	9,608.00
31	Weighted Average Price Of Oil for twelve months	Rs/KL	76,694.18						
32	Weighted Average GCV Of Oil for twelve months as received	Kcal/litre	9,528.92						

PETITIONER

Computation of Energy Charges

**Form-15 B
ADDITIONAL FORM**

Name of the Company	NTPC Limited
Name of the Power Station	Solapur Super Thermal Power Station

Computation of Energy Charges

	2024-25	2025-26	2026-27	2027-28	2028-29
1 Rate of Energy Charge from Sec. Fuel Oil/ Alternate Fuel (p/kwh) $(REC)_s$ = $(Q_s)_n \times P_s$	7.669	7.669	7.669	7.669	7.669
2 Heat Contribution from SFO / Alternate Fuel (H_s) = $(Q_s)_n \times (GCV)_s$	9.529	9.529	9.529	9.529	9.529
3 Heat Contribution from coal $(H_p)_s$ = $GHR \cdot H_s$	2216.56	2216.56	2216.56	2216.56	2216.56
4 Specific Primary Fuel Consumption $(Qp)_n$ = $H_p / (GCV)_p$	0.633	0.633	0.633	0.633	0.633
5 Rate of Energy charge from Primary Fuel (p/kwh) $(REC)_p$	426.418	426.418	426.418	426.418	426.418
6 Rate of Energy charge ex-bus (p/kWh) $(REC) = ((REC)_s + (REC)_p) / (1-(AUX))$	460.570	460.570	460.570	460.570	460.570

		2024-25	2025-26	2026-27	2027-28	2028-29
No of Days in the year	Days	365	365	365	366	365
Sp. Oil consumption	ml/kwh	1.0	1.0	1.0	1.0	1.0
Auxiliary consumption	%	5.75	5.75	5.75	5.75	5.75
Heat Rate	Kcal/Kwh	2,226.09	2,226.09	2,226.09	2,226.09	2,226.09

Computation of Variable Charges

Variable Charge (Coal)	p/kwh	452.433	452.433	452.433	452.433	452.433
Variable Charge (Oil)	p/kwh	8.137	8.137	8.137	8.137	8.137
Total	p/kwh	460.570	460.570	460.570	460.570	460.570

Price of fuel from Form-15/15A

Coal Cost	(Rs./MT)	6731.79	6731.79	6731.79	6731.79	6731.79
Oil Cost	(Rs./KL)	76694.18	76694.18	76694.18	76694.18	76694.18

Computation of Fuel Expenses for Calculation of IWC:

ESO in a year	(MUs)	9263.57	9263.57	9263.57	9288.95	9263.57
ESO for 50 days	(MUs)	1268.98	1268.98	1268.98	1268.98	1268.98
Cost of coal for 50 Days	(Rs. Lakh)	57412.93	57412.93	57412.93	57412.93	57412.93
Cost of oil for 2 months	(Rs. Lakh)	1256.29	1256.29	1256.29	1259.74	1256.29
Energy Expenses for 45 days	(Rs. Lakh)	52600.95	52600.95	52600.95	52600.95	52600.95

		2024-25	2025-26	2026-27	2027-28	2028-29
Coal						
Wtd. Avg. Price of Coal	Rs./MT	6731.79	6731.79	6731.79	6731.79	6731.79
Wtd. Avg. GCV of Coal as received	kCal/Kg	3584.25	3584.25	3584.25	3584.25	3584.25
Wtd. Avg. GCV of Coal as received after adjustment of 85 kcal/kg		3499.25	3499.25	3499.25	3499.25	3499.25
Sec. Oil						
Wtd. Avg. Price of Secondary Fuel	Rs/KL	76694.18	76694.18	76694.18	76694.18	76694.18
Wtd. Avg. GCV of Secondary Fuel	kCal/L	9528.92	9528.92	9528.92	9528.92	9528.92

PETITIONER

Statement of Capital cost

Name of the Petitioner	NTPC Ltd
Name of the Generating Station	Solapur
COD	30.03.2019

(Amount in Rs Lakh)

Sl. No.	Particulars	2024-25		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening Gross Block Amount as per books	10,75,999.09	37,424.80	10,38,574.29
	b) Amount of IDC in A(a) above	1,32,282.58	-	1,32,282.58
	c) Amount of FC in A(a) above	-	-	-
	d) Amount of FERV in A(a) above	39,280.27	-	39,280.27
	e) Amount of Hedging Cost in A(a) above	-	-	-
	f) Amount of IEDC in A(a) above	70,659.56	-	70,659.56
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)			
	b) Amount of IDC in C(a) above			
	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			
D	a) Deletion in Gross Block Amount 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 Gross Block Amount as per books			
	b) Amount of IDC in E(a) above			
	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			

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	Solapur
COD	30.03.2019

Sl. No.	Particulars	2024-25		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening CWIP as per books	29280.94	2348.15	26932.79
	b) Amount of IDC in A(a) above	7990.53	0.00	7990.53
	c) Amount of FC in A(a) above	0.00	0.00	0.00
	d) Amount of FERV in A(a) above	815.30	0.00	815.30
	e) Amount of Hedging Cost in A(a) above	0.00	0.00	0.00
	f) Amount of IEDC in A(a) above	2167.86	0.00	2167.86
B	a) Addition in CWIP during the period			
	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) Transferred to Gross Block Amount during the period			
	b) Amount of IDC in C(a) above			
	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			
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			
	b) Amount of IDC in E(a) above			
	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			

Petitioner

Calculation of Interest on Normative Loan

Name of the Company :	NTPC Limited
Name of the Power Station :	Solapur Super Thermal Power Station

(Amount in Rs Lakh)

S. No.	Particulars	Existing	2024-25	2025-26	2026-27	2027-28	2028-29
		2023-24					
1	2	3	4	5	6	7	8
1	Gross Normative loan – Opening	6,76,261.27	6,92,876.37	7,15,005.47	7,23,307.47	7,26,051.47	7,26,443.47
2	Cumulative repayment of Normative loan up to previous year	2,20,083.32	2,67,875.34	3,17,175.34	3,67,540.95	4,18,293.36	4,69,155.58
3	Adj. in repayment due to liability discharge*						
4	Adj. in repayment due to decap*	120.95					
5	Net Normative loan – Opening	4,56,177.96	4,25,001.03	3,97,830.13	3,55,766.52	3,07,758.12	2,57,287.89
6	Add: Increase due to addition during the year / period	1739.69	22129.10	8302.00	2744.00	392.00	0.00
7	Less: Decrease due to de-capitalisation during the year / period	-297.25	0.00	0.00	0.00	0.00	0.00
8	Less: Decrease due to reversal during the year / period						
9	Add: Increase due to discharges during the year / period	15172.66	0.00	0.00	0.00	0.00	0.00
10	Less: Repayment of Loan	47912.97	49,300.00	50,365.61	50,752.41	50,862.22	50,875.95
11	Net Normative loan - Closing	4,24,880.08	3,97,830.13	3,55,766.52	3,07,758.12	2,57,287.89	2,06,411.94
12	Average Normative loan	4,40,529.02	4,11,415.58	3,76,798.33	3,31,762.32	2,82,523.00	2,31,849.92
13	Weighted average rate of interest	6.7079	7.0081	7.1258	7.1733	7.3759	7.6506
14	Interest on Loan	29550.24	28832.50	26849.83	23798.37	20838.57	17738.00
15	Cumulative repayment of Normative loan at the end of the period after adjustments	2,67,875.34	3,17,175.34	3,67,540.95	4,18,293.36	4,69,155.58	5,20,031.53

*Additional data Shall be provided at the time of true up

(Petitioner)

Summary of issue involved in the petition

Name of the Company :		NTPC Limited				
Name of the Power Station :		Solapur Super Thermal Power Station				
1	Petitioner:	NTPC Limited				
2	Subject	Approval of tariff of Solapur STPS (2x660MW) for the period from 01.04.2024 to 31.03.2029				
3		<p>i) Approve tariff of Solapur (2X660 MW) for the tariff period 01.04.2024 to 31.03.2029.</p> <p>ii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries.</p> <p>iii) Allow the claim of water charges (and power charges, based on actuals at the time of truing-up) and security expenses.</p> <p>iv) Allow the recovery of pay/wage revision as additional O&M over and above the normative O&M.</p> <p>v) Pass any other order as it may deem fit in the circumstances mentioned above.</p>				
4	Respondents	Five (5) no. respondents				
	Name of Respondents	<p>1.MSEDCL, Maharashtra</p> <p>2.MPPMCL, Madhya Pradesh</p> <p>3. CSPDCL, Chhattisgarh</p> <p>4.Electricity Deptt, Goa</p> <p>5.DNHDDPDCL</p>				
	Cost (Approved cost) (In Rs Crore)					
	Claim	2024-25	2025-26	2026-27	2027-28	2028-29
	AFC (Rs Lakh)	1,91,429.03	1,94,149.06	1,94,470.24	1,94,432.08	1,94,238.37
	Capital cost(Rs Lakh)	10,05,629.89	10,27,366.39	10,35,256.39	10,37,496.39	10,37,776.39
	Initial spare (Rs Lakh)					
	NAPAF (Gen)	85%				
	Any Specific					
		Petitioner				



एन टी पी सी लिमिटेड
(भारत सरकार का उद्यम)

NTPC Limited
(A Govt. of India Enterprise)

केन्द्रीय कार्यालय / Corporate Centre

Summary of Revised Cost Estimate (RCE-I) for Solapur STPP (2x660 MW)

The Investment Approval of Solapur STPS (2x660 MW) was accorded in 379th meeting of Board of Directors of NTPC Ltd held on 19.03.2012 at an Indicative Estimated Completed Cost of Rs 10154.27 Cr including IDC and FC of Rs 1747.47 Cr and WCM of Rs 220.98 Cr. Further, Investment Approvals for drinking water augmentation scheme for project affected villages and Solapur City of Rs 250 Cr and FGD at a total cost of Rs 626.32 Cr were also accorded in July 2012 and July 2018 respectively.

Subsequently, Competent Authority of NTPC Ltd. in December 2020 approved the Revised Cost Estimate (RCE-I) of Solapur STPS (2x660 MW) as of 2nd Qtr 2020 price level at a cost of Rs 11406.15 Cr (inclusive of IDC & FC, WCM & ERL). The break-up is as under:

(Amount in Rs Cr)

Sl. No.	Description	Investment Approval Completed Cost	RCE-I Cost (2nd Qtr 2020)
1	Project Cost incl. FGD	8185.82	9424.02
2	IDC & FC	1747.47	1414.24
3	Working Capital Margin (WCM)	220.98	215.16
4	Exchange Rate Liability on Foreign Loans (ERL)	0	352.73
	Total	10154.27	11406.15

Shankar Saran
26/11/2024

Shankar Saran
General Manager (Commercial)

शंकर सरन/SHANKAR SARAN
महाप्रबन्धक (वाणिज्यिक)
General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, Noida-201 301 (U.P.)

❖❖ Marathi



English

Annexure-A

Phone No.02186-223229

Email id- sdopandharpur@gmail.com

Sl. RTS/Kavi/890/2023

dated 12/10/2023

In this sense, Government of Maharashtra, Department of Industry, Energy and Labor Government Decision No. Pavamo- 2021/Pro.No. 170/ Department of Energy and Labor dated 66 K in the State as on 02/11/2022. It has been directed to set up a sub-divisional level assessment committee to determine the revised policy regarding compensation for the land occupied by mano and land under the belt of HV transmission lines of VO and above capacity.

And whereas, it is necessary to set up a committee to assess the land occupied by the mano and the land under the lease of the extra high voltage transmission line in Pandharpur sub-division with regard to payment of compensation for the construction of extra high voltage transmission lines of 66 KV and above capacity.

Accordingly, I Sub-Divisional Officer Pandharpur Division, Pandharpur Sub-Division under 66 K. The committee is being constituted as follows to pay compensation for the land occupied by mano and the land under the belt of the ultra high pressure transmission line to be constructed for V and above high pressure transmission lines.

Sr.	Designation	In committee
		Post
1	Sub Divisional Officer Pandharpur	chairman
2	Deputy Superintendent Land Records Pandharpur	Member
3	Assistant Director Town Planning (Evaluation Division)	Member
4	Sub Divisional Agriculture Officer Pandharpur	Member
5	Secondary Registrar Pandharpur Grade-1/2	Member
6	Senior Manager NTPC Solapur	Member
7	Senior Manager, Powergrid Corporation Solapur	Member
8	Executive Engineer.M.R.V.Pareshan Co. Marya. A.O. Da. Prakalpa Division Solapur	member secretary

1400000001-2
(Gajanan Guruv)
Sub Divisional Officer
Pandharpur Division Pandharpur

Copy:- Hon. Civil submission for information to Collector Solapur

Per,



एनटीपीसी लिमिटेड

(भारत सरकार का उद्यम)

NTPC Limited

(A Govt. of India Enterprise)

सोलापुर / Solapur

Ref. : NTPC/132KV /2023-24

Date : 11.02.2024

To,
The SDM, Pandharpur

Subject: - Request for issuing of stringing orders, Special Executive Magistrate Orders and provide police protection for NTPC 132 KV TL works-Reg

Sir,

As you are aware that, NTPC is constructing 2 nos 132 KV Transmission lines (TL) of 130 Kms in length each from NTPC site to Ujani Dam for supply of un-interrupted power supply for our Intake pump house located at Ujani dam. Both the transmission lines (one single and one double circuit lines) are passing through 05 talukas of Solapur District: South Solapur, Mangalwedha, Pandharpur, Malshiras and Madha.

The work status of the line as on date is as below:

Taluka	Total Towers	Stringing in KM	Erection Status		Line Stringing Status	
			Comp.	Balance	Comp.	Balance
South Solapur	257	72.02	257	0	71.04	0.98
Mangalwedha	160	44.71	160	0	38.70	6.02
Pandharpur	383	102.6	376	7	58.21	44.47
Malshiras	48	13.74	48	0	8.36	5.39
Indapur	44	12.36	44	0	5.60	6.77
Madha	68	17.06	68	0	12.00	5.07
Total	960	262.59	953	7	193.91	68.69

Compensation for ROW is being paid on completion of work to land owners whose land being utilized for subject work as per the rates decided by Govt. of Maharashtra towards both land and crop damage (As per GR Policy Dated: 02.11.2022). Few farmers from Pandharpur taluka are demanding excessive high compensation and obstructing the ongoing work thus affecting the schedule of completion of this national project.

The below mentioned farmers are creating obstruction in Tower Erection & Stringing: -

SN	Farmer Name (Shri / Smt)	Type	Gut No.	Village
✓ 1	Tayyappa Sambji Ghadgay	Erection	278/1	Degaon
✓ 2	Sureka Dutt Singh Rajput	Erection	262/1/A/1	Degaon
✓ 3	Ramchandra Maruthi Vasekar	Erection	221/1/A	Adhiv
✓ 4	Aravind Gaikward	Erection	488	Ozewadi
✓ 5	Rambhav Gaikward & Suvarna Ramchandra Gaikward	Stringing	324/1/E	Gursale
6	Nandhabhai Laxman Shelke ✓ Dattarya Shriman Shelke	Stringing	276 & 274	Chilaiwadi

Therefore, it is requested to kindly issue Stringing orders, Special Executive Magistrate Orders and provide police protection wherever, works are getting hampered in Pandharpur Talukas for smooth execution of NTPC 132 KV TL works.

Thanking you,

Vijaya Kumar K,
Sr. Manager (HR)

उपविभागीय अधिकारी पंढरपूर विभाग पंढरपूर यांचे कार्यालय

पद्मावती तळे, M.T.D.C. च्या पाठीमागे, स्टेशन रोड, पंढरपूर

(अपील संकलन)

Phone No.02186-223229

Email id- sdopandharpur@gmail.com

क्र.आरटीएस/कावि/218/2023

दि.05/12/2023

बैठकीची सुचना


प्रति,

1. सहायक संचालक नगररचना (मुल्यांकन विभाग)
2. उपविभागीय कृषी अधिकारी पंढरपूर/तालुका कृषी अधिकारी पंढरपूर
3. उपअधिक्षक भुमी अभिलेख पंढरपूर
4. दुय्यम निबंधक पंढरपूर श्रेणी-1/2
5. वरिष्ठ प्रबंधक, एन.टी.पी.सी सोलापूर

विषय:- पंढरपूर उपविभागातील 66 के.व्ही व त्यापेक्षा अधिक क्षमतेच्या अति उच्चदाब पारेषण वाहिन्यांसाठी उभारण्यात येणा-या मनो-याने व्याप्त जागेचा तसेच अति उच्चदाब पारेषण वाहिनीच्या पट्ट्याखालील जमीनीचे नुकसान भरपाईपोटी मोबदला देणेबाबत..

संदर्भ:- महाराष्ट्र शासन, उद्योग,उर्जा व कामगार विभाग यांचेकडील शासन निर्णय क्र.पावामो-2021/प्र.क्र.170/ऊर्जा व कामगार विभाग दि.02/11/2022

उपरोक्त संदर्भाय विषयान्वये कळविण्यात येते की, पंढरपूर उपविभागातील 66 के.व्ही व त्यापेक्षा अधिक क्षमतेच्या अति उच्चदाब पारेषण वाहिन्यांसाठी उभारण्यात येणा-या मनो-याने व्याप्त जागेचा तसेच अति उच्चदाब पारेषण वाहिनीच्या पट्ट्याखालील जमीनीचे नुकसान भरपाईपोटी मोबदला देण्यासंदर्भातील प्रलंबित कामकाजाबाबत बुधवार दिनांक 06/12/2023 रोजी उपविभागीय अधिकारी कार्यालय पंढरपूर येथे सकाळी 11.00 वाजता बैठक आयोजित केली आहे तरी सदर बैठकीस उपस्थित रहावे. प्रतिनिधी पाठवु नये.


उपविभागीय अधिकारी
पंढरपूर विभाग पंढरपूर करिता

उप विभागीय अधिकारी कार्यालय मंगळवेढा विभाग मंगळवेढा
संकलन - भूसंपादन

sdomwedha@gmail.com

दुरध्वनी क्र. ०२१८८-२२१९५५

जा.क्रभूसं/कावि-२/२५१/२०२४
२५१

दिनांक :- ११/०३/२०२४
०६/०६/२०२४

प्रति,


- १) श्री. विजय कुमार कोनापारेड्डी
वरिष्ठ प्रबंधक, (HR) एन.टी.पी.सी.लि.
फताटेवाडी पो.होटगी स्टेशन, ता.द.सोलापूर.
- २) उप अधीक्षक, भूमि अभिलेख, मंगळवेढा.
- ३) तालुका कृषी अधिकारी, मंगळवेढा.
- ४) दुय्यम निबंधक, मंगळवेढा.
- ५) सहाय्यक संचालक, नगररचना मुल्यांकन तज्ञ, सोलापूर.

विषय :- मंगळवेढा तालुक्यातील मौजे माचणूर, मंगळवेढा, ब्रम्हपुरी, उचेठाण व मुढवी
येथील विद्युत वाहीनी खालील क्षेत्राचे मुल्यांकनाबाबत आयोजित बैठकीबाबत.....

संदर्भ :- वरिष्ठ प्रबंधक, (HR) एन.टी.पी.सी.लि. सोलापूर यांचेकडील पत्रक्र.

NTPC/132KVTL/Man/2024-25, Dt. 04/04/2024

उपरोक्त संदर्भाने प्राप्त प्रस्तावातील विद्युत वाहीनी खालील जमीनीचे मुल्य शासनाने विहित केलेल्या उप विभागीय स्तरावरील समिती सदस्यांचे मान्यतेने निश्चित करणेकामी दि. १०/०६/२०२४ रोजी सकाळी १२:३० वाजता बैठक आयोजित केली आहे. सदर समितीचे आपण सदस्य असल्याने या बैठकीस आपण स्वतः उपस्थित रहावे. आपले अवलोकनार्थ प्रस्तावाची एक प्रत सोबत दिली आहे.


(बी.आर.माळी)

सक्षम प्राधिकारी भूसंपादन
तथा
उप विभागीय अधिकारी
मंगळवेढा विभाग मंगळवेढा

प्रत :- मा.जिल्हाधिकारी सोलापूर (महसूल / भूसंपादन समन्वय शाखा) यांना माहीतीसाठी सविनय सादर.



Collector's Office Solapur

Revenue Branch Working Session No.3

Sat Road Solapur Pincode No 413003

Government of Maharashtra

Revenue and Forest Department

Telephone No. 0217-2

Fax No.-0217-2621120

ई-मेल rdcsolapur@gmail.com

No. 2024/Revenue Branch/Work-3/No.Ground-2/RR/644

Date:- 27 May

Per,

Senior Manager (Human
Resources), NTPC. Ltd. Phatatewadi

Tt. South Solapur Distt. Solapur

Subject:- NTPC Ltd. Regarding completing the work of 132 KV (TL) double line within the time limit.

Reference:- 1 NTPC Ltd. Letter No.NTPC/132KV Dated.12.03.2024

TL/2023-24

from the same.

2 Hon. Dated by the Collector. VC dated 02.04.2024. Review meeting by.

Pursuant to the above subject you are hereby informed that Senior Manager (Human

Resource), NTPC. Ltd. Phatatewadi is working on a 130 km long double line from Ujani Dam to NTPC site for

Intech Pump House on Ujani Dam and the said line is passing through Dakshin Solapur, Mangalvedha,

Pandharpur, Malshiras and Madha taluks of Solapur district. Dated by Hon'ble District Magistrate

for the completion of the said work. VC dated 02.04.2024. Instructions have been given to take immediate

action while holding a review meeting.

To review the proceedings in the present case accordingly, Mr. The Collector has organized a

meeting on 29/05/2024 at 12:00 PM. However, attend the said meeting with necessary

information.

(Amrit No.247.05-2024.

Deputy Collector

(Revenue) Collector's Office Solapur

उपविभागीय अधिकारी कार्यालय मंगळवेढा विभाग मंगळवेढा
संकलन - भुसंपादन

sdomwedha@gmail.com

जा.क्र.भूसं/कावि/3210/2024

दुरध्वनी क्र. 02166-221944

दिनांक:- 9/08/2024

प्रति,

तहसिलदार तथा कार्यकारी दंडाधिकारी,
मंगळवेढा.

विषय :- एन.टी.पी.सी.लि. यांचे 132 के.व्ही. (टि.एल) दुहेरी लाईनचे स्ट्रिंगिंग कामाचे अनुषंगाने पोलीस संरक्षण तसेच सदरचे कामकाज मुदतीत पूर्ण करणेच्या अनुषंगाने आदेश होणेबाबत.

संदर्भ :- मा.जिल्हाधिकारी सोलापूर (महसूल शाखा कार्यासन क्र.3) यांचेकडील पत्र क्र.2024/महसूल शाखा/कार्या-3/न.भू.-2/आरआर/398, दि. 26/03/2024.

उपरोक्त संदर्भाने वरील विषयाचे अनुषंगाने मा.जिल्हाधिकारी सोलापूर यांचेकडील प्राप्त पत्राची प्रत सोबत जोडून पाठविली आहे.

एन.टी.पी.सी.लि. यांचे 132 के.व्ही. (टि.एल) दुहेरी लाईनचे स्ट्रिंगिंग कामाचे अनुषंगाने संबंधीत शेतकरी वाढीव भरपाईची मागणी करून कामकाजामध्ये अडथळा करीत असल्याचे संबंधीत कंपनीने कळविले असल्याचे व त्यामुळे सदरचे काम पूर्ण होण्यासाठी विलंब होत आहे. त्या दृष्टीकोनातून अडथळा दूर करण्याच्या अनुषंगाने संबंधीत शेतकरी यांना अडथळा न करणेबाबत आपल्या स्तरावरून योग्य ती कार्यवाही तात्काळ करावी.

(बी.आर.माळी)

सक्षम प्राधिकारी भुसंपादन

तथा

उपविभागीय अधिकारी
मंगळवेढा विभाग मंगळवेढा

प्रत :- मा.जिल्हाधिकारी सोलापूर (महसूल शाखा कार्यासन क्र.3) यांना माहितीसाठी सादर.

प्रत :- वरिष्ठ प्रबंधक (मानव संसाधन) एन.टी.पी.सी.लिमिटेड फताटेवाडी, ता.दक्षिण सोलापूर,
जि.सोलापूर.



Annexure-B

To,
NTPC SOLAPUR STPS
Vill: - Fatatewadi, P.O.- Hotgi Station
Distt: -SOLAPUR, MAHARASHTRA
PIN -413215

Dt: 24/10/2024

Sub: Upgradation of obsolete window OS will reduce the risk of Cyber security issues.

Dear Sir,

With reference to above mentioned subject and our telephonic discussion for Upgradation of ABB make MicroSCADA System at your station which is presently working on obsoleted Microsoft window.

We would like to bring to your kind notice that as per latest Notice issued by Ministry of power dated 02-07-2020. regarding Security, Integrity and reliability of the strategically important and critical power supply system and network mainly arises due to cyber threat.

You may download copy from attached Link below.

(<https://powermin.nic.in/sites/default/files/webform/notices/ORDER.pdf>)

As you know, window OS XP & 7 are declared obsolete by Microsoft and they are not releasing patches to fix vulnerabilities for these OS which will lead to systems are not fully secured toward latest cyber security requirements and are vulnerable to cyber-attacks through malware / Trojans etc., This issue need to be addressed by PowerGrid as notified in the order from Ministry of Power.

Older versions of MicroSCADA are built on some of the technologies such as dot-net framework based on Windows XP/7 platforms. These older versions of MicroSCADA are already now in "Limited" phase of their life cycle meaning; only limited support is available from ABB for such versions. In view of this, we strongly recommend upgrading MicroSCADA to the latest version i.e., MicroSCADA 10 which complies to Cyber security requirements.

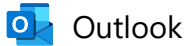
Apart from exposing your valuable assets to unnecessary high cyber security risk, the impact of not upgrading Windows XP/7 would also heavily decrease the system availability for the following main reasons:

1. Issues with replacement of defective hardware parts: Compatible Device drivers for new hardware (example: new Network Interface Card that are available in market today) will not be available in older Windows XP/7 PC.
2. Availability of compatible hardware spares parts for old PCs may be scarce e.g., DDR2 memory.
3. In the event of Windows OS crash, activation of outdated Windows OS after re-installation is not supported by Microsoft.
4. No support for fixing issues in other software running on Windows XP/7 PCs such as NMS, SNMP-OPC, MS Office, IED tools, etc.,

Hence once aging we request you kindly review the above notification and do necessary action on the same.

For Hitachi Energy India Limited

Mr. Pandurang Narute,
Service Sales Specialist – Grid Automation

**RE: discussion on the requirement of site visit DCP Issues Solapur AMC /Revival offer**

From Bankey Bihari Agrawal <BANKEY.AGARWAL@LNTEBG.COM>
Date Mon 7/10/2023 11:00 AM
To Nagmani Singh <NAGMANISINGH@NTPC.CO.IN>
Cc Suyash Rastogi <Suyash.Rastogi@Intebg.com>; Amit Rawat <Amit.Rawat@Intebg.com>; Sunil Kumar <Sunil.Kumar@Intebg.com>; Vinay Kumar <Vinay.Kumar@Intebg.com>; Kalpita Madhukar Band <Kalpita.Band@Intebg.com>; Ajit Kumar Singh <AJITKUMARSINGH@NTPC.CO.IN>; Uddagiri V V S Srinivasa Rao <VVSSRAO@NTPC.CO.IN>; A Gupta <A.GUPTA@LNTEBG.COM>

CAUTION: This Email has been sent from outside the Organization. Unless you trust the sender, Don't click links or open attachments as it may be a Phishing email, which can steal your Information and compromise your Computer.

Dear Sir,

With ref. to the budgetary offer for revival & upgradation of L&T make DCP system installed in NTPC Solapur. Following clarification is given below for further processing of proposal:

1. May please share the budgetary offer for revival of DCP system without upgradation (As in MOM dated 10.01.2023, upgradation is only suggested & not marked as mandatory). –

L&T E&A Reply: Please note that for system revival, it is imperative to address all the existing issues like software bugs, data space limitations etc. In view of the same, upgradation/renewal of the system is a mandatory recommendation for system revival.

2. Also justify why Zenon SCADA Upgrade and Kepware Support & Maintenance license re-establishing is required when Zenon SCADA and Kepware was already purchased during initial installation and commissioning. -

L&T E&A Reply: As you are aware it's been almost 5yrs since the commissioning of your system, and to address the existing issues of software bugs and large historical data storage limitation, we need to take support of Kepware & Zenon. Since both the license support has expired now, we need to renew the license for any kind of support from them.

We mandatorily recommend NTPC to upgrade EWS & OWS to address data storage limitation (which is one of the causes of malfunctioning). This shall also help NTPC in smooth operation and data transfer of system.

1. **Kepware software** : It is a protocol converter that converts IEC 61850 numerical relay data to OPC UA/DA protocol, plus it acts as a data concentrator software i.e. consolidating all IEC 61850 data on the OPC Platform. In this revival process Kepware support for 12Nos IEC 61850 Client and 3 Nos OPC Client shall be required for the UNIT-1 & UNIT-2 DCP system. To enable the system revival, Kepware (Support and Maintenance) Agreement for the year 2023- 2024 needs to be done.
2. **Zenon SCADA** : As we need to upgrade the existing EWS & OWS hardware to handle the required large data, existing SCADA also needs to be upgraded for a compatible & supporting OS version. So, upgradation of both hardware & software will only ensure proper renewal and future ready system.

Thanks & Regards,



Topic: Microsoft end of support on Windows 7- Impact on ALSPA system- SB20001

Dear Valued Customer,

The end of support cut-off date for the Windows 7 version of the operating system has been announced by Microsoft: January 14th, 2020, which will make the updates as well as support on this operating system more difficult.

The purpose of this Service Bulletin is to provide General Electric recommendations for the ALSPA systems using this version of Windows operating system.

Background

Windows 7 has been used for the Operating stations (ALSPA HMI) and Engineering & Maintenance stations (CONTROCAD) of several versions of the ALSPA series 6 control system.

The end of support from Microsoft will lead to the following:

- Limited access to securities updates from Microsoft which means higher vulnerability to cyber-attacks.
- Limited parts for operator/engineer stations due to the unavailability of Windows 7 compatible hardware.

As a consequence, although you will be able to operate your plant with Windows 7 beyond January 14th, 2020, General Electric recommends you to plan the upgrade of impacted systems to the last version of the ALSPA series 6 control system using Windows 10. Doing this in the near future, guarantees you to avoid any discontinuity in your operations.

Our Solution

General Electric has released a new version of the ALSPA Series 6 Human Machine Interface system based on Windows 10. We have defined a migration path to upgrade your system to this new version, which includes additional features that will enhance the daily operation and maintenance of your power station. Moreover, the patch management solution for Windows 10 is already available through a long-term service agreement.



Should you decide to delay the upgrade to Windows 10, General Electric will support you drafting your road map. To bridge the time to the full deployment of the upgrade, other counter measures to maintain your cybersecurity defense in depth ability can be proposed, including one-time patching or station hardening.

Your Benefits

The benefit of a migration to ALSPA Series 6 latest version are:

- This latest version integrates a comprehensive cybersecurity solution compliant with the most common cybersecurity standards and best practices.
- Improved NTP server management (Version with hardening of the Cyber security)
- The hardware maintenance will become easier as all previous obsolescence on operator station and engineer station is solved by this new version.

Please contact us to learn more about these improvements. Our team will be pleased to help you design the optimal upgrade to your system to continue to operate safely and with the highest availability your power station.

We appreciate your business and you, our valued customer. **Please contact your GE Power Automation & Controls sales person or our Help Desk at +33 1 60 13 43 91 / helpdesk.control-systems@ge.com** for help on ordering and upgrades.

Hugues Moreau

Product Manager Power Automation & Controls, GE Steam Power
Hugues.moreau@ge.com



June 1st, 2022

ALSPA SERIES 6 LIFE CYCLE

Topic: MFC3000 processor board obsolescence – SB 22-002

Dear Valued Customer,

The purpose of this Service Bulletin is to inform you about the Alspa Series 6 processor board MFC3000 obsolescence status, caused by the global electronic supply chain crisis.

Background

The MFC3000 processor board has been used on most of Alspa Series 6 Distributed Control System (DCS), Controsteam (Steam Turbine Control System), and Controgas (Gas Turbine Control System) systems. Our supplier has informed us that, due to the unforecasted unavailability of critical components, they are discontinuing this product. To ensure the continuity of our service on Alspa DCS, Controsteam and Controgas, we have performed an end of life stock of the latest version of this processor board.



MFC3000-V1P/V2-CPU-I7 - Process Unit Board

Figure 1 MFC3000 V1+ Overview



Our recommendation

We recommend our customers to assess the quantities of MFC3000 processor boards required to manage the expected life cycle of their power stations and order them before the depletion of our end of life stock. **Customers will be served based on first-come-first-served basis.** Upon request, we may assist you to size properly this stock according to product MTBF and installed quantities.

Due to higher processing capability, the installation of the latest MFC3000 processor board version requires two ventilation fans, more powerful than the one(s) installed on the earlier versions of ALSPA Series 6. The new fans were identified, tested and qualified for use. Furthermore, no changes are required in project source code (CCAD) along with the installation of new MFC3000 processor board.

Affected products

All Alspa series 6 control systems using MFC3000 V1 & V1+ processor boards

Description	Obsolete part number	New Part Number
MFC3000 V1 Pentium	E52C0407000	E52C0407840
MFC3000 V1+ processor board	E52C0407010	E52C0407840
Ventilation fan	M1000200	E3008999P001

We also strongly recommend that the redundant MFC3000 racks are equipped with the same processor board version for both channels.

Contact your GE Steam Power sales contact or our Help Desk at +33 1 60 13 43 91 / helpdesk.control-systems@ge.com for assistance on this issue or ordering information.

Hugues Moreau

Product Manager Power Automation & Controls, GE Steam Power

**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 μ s 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

Commission standards.

- (e) Generator Transformer rating for pump turbine shall be sized according to higher of motor input power or continuous maximum rating of generator.
- (f) The generator transformers with oil forced water forced or oil directed water forced type cooling shall be provided with two complete independent sets of cooling equipment each with 100% capacity and the generator transformers with oil forced air forced or oil directed air forced type shall be provided with adequate number of coolers with one cooler as standby.
- (g) (i) On load tap changer may be considered for pumped storage schemes having reversible units.
(ii) The range of operation for the tap changer shall be governed by the power system requirements.
- (h)(i) Surge arrester shall be provided on the high voltage side of each transformer in case of transformers located in open area.
(ii) For transformers located in cavern, the requirement of the surge arrester characteristics, their number and exact locations shall be decided based on the insulation co-ordination studies.
- (i) Insulation levels for the transformers windings and bushings shall comply with the requirements indicated in Table 10 under Regulation 45.
- (j) Firewalls shall be provided as per the guidelines of BIS.
- (k) The generator transformers having three phase rating of 120 MVA and above shall be provided with on line dissolved gas analyzer system.
- (l) Dynamic short circuit withstand test shall be conducted on one unit of each type and rating of transformers, to validate the design and quality, unless such test has been successfully conducted as per IS 2026 part-5 within last 10 (ten) years on transformer of similar design. Criteria for similar design shall be as per Annexure-J of CEA's "Standard Specifications and Technical Parameters for Transformers and Reactors (66kV and above)".

(5) Unit auxiliary and station auxiliary AC supply systems.—

(a) Unit Auxiliary AC Supply System —

The auxiliary supply system of each generating unit shall be provided with unit auxiliary transformer to feed the loads of the unit. The unit auxiliary transformers, dedicated for each unit, shall be provided for supplying power to various unit auxiliaries from the unit to which these are connected. The essential load consists of mainly cooling water pump motors, excitation system and AVR cooling fans, space heaters and oil pressure unit etc. The capacity of unit auxiliary transformer shall be selected based on the consideration that it is able to continuously cater to the requirement of all auxiliaries of the respective unit. During the starting and stopping of the units, these unit auxiliaries shall be supplied power from the station auxiliary AC supply system.

(b) Station Auxiliary AC Supply System —

- (i) The station auxiliary AC supply system shall be designed to provide a high degree of reliability, continuity of service and primarily to supply uninterrupted AC supply to station auxiliaries during normal operation and unit auxiliaries during starting and stopping of the unit and during abnormal events.
 - (ii) The station supply loads for various equipment shall be determined and normal maximum demand shall be calculated at a diversity factor of 1.35. The availability of input supply shall be ensured from the sources independent of station generation. In addition, adequate provision for meeting load of auxiliaries for one unit during starting and/ or during the stopping of the unit shall also be kept and for this purpose the unit auxiliary boards shall be connected to station auxiliary boards through tie breakers.
 - (iii) Two nos. of Station Service Transformers of equal capacity one main and other as standby shall be provided for supplying power to the station service board feeding power to the station auxiliaries. In the event of AC supply failure, the station load shall be supplied by Reliable Power Supply System of suitable capacity connected to the station service board. The station service transformers, Reliable Power Supply System and station service boards shall be located at higher level.
 - (iv) The various auxiliary systems shall incorporate appropriate auto transfer scheme or manual change over to bring in the reserve supply source as required to prevent the loss of unit(s) and to ensure the equipment safety.
- (c) The main or critical switchgear, motor control centres, Main Line Distribution Boards shall be fed by 2x100 % transformers or feeders and these shall be rated to carry the maximum load expected to be

**REVISED TECHNO-
COMMERCIAL PROPOSAL
FOR
MODIFICATION OF
DE-MINERALISATION PLANT
NTPC LTD
SOLAPUR STTP**

Submitted by



**R-14, TTC M.I.D.C., THANE – BELAPUR ROAD,
NAVI MUMBAI 400 701
Tel: 022 – 3913 2440
Fax: 022 – 2769 7918
Email: ieil@ionexchange.co.in
Website: www.ionindia.com**



PROJECT : TECHNO-COMMERCIAL
OFFER FORMODIFICATION OF DM
PLANT

CLIENT: NTPC Ltd Solapur STTP

ES-IE-B-480-OK-R4

DATE : October 11,
2022

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COVER LETTER



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ES-IE-B-480-OK-R4

DATE : October 11,
2022

ANNEXURE – 1

COVER LETTER

**ES-IE-B-480-OK-R4
EN21W043E16038
OF21W043E7873**

11th October, 2022

**To,
The NTPC Ltd
Solapur STTP**

Kind Attn. : Mr. V Chandrasekharan-AGM (COS-Chem)

Subject : Techno-commercial (Budgetary) offer for Modification of Demineralization Plant to enhance the capacity with present feed water analysis

Ref : 1) Enquiry Mail dated 05.12.2020 & our offer Dated 25/02/2021
2) Technical offer submitted dt-16/06/2021
3) Clarification mail dt. 30/08/2021
4) Revised Water analysis mail dt. 25/09/2021
5) NTPC Email dated 06.09.2022
6) NTPC Email dated 11.10.2022

Dear Sir,

Please refer our earlier offer dated 16/06/2021 and further discussions we had regarding Budgetary Offer for enhancing the capacity of DM Plant at your Solapur Plant. We have further reviewed the Techno-Commercial Offer based on the average water analysis, **we are submitting our REVISED BUDGETARY OFFER for your kind consideration and this offer will supersede our offer dated 12/09/2021.** Hope this offer is in line of your requirement.



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2022

In case of any clarification, please feel free to mail/call us.

Assuring you of our best attention at all times, we remain.

Yours faithfully,

Ion Exchange (India) Limited

S. S. Raut

Sr. Vice President – Project Sales



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COMPANY INTRODUCTION



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2022

Annexure – 2 **Company Introduction**

A pioneer of water treatment with a legacy spanning over five decades, Ion Exchange today is considered a premier company in water and environment management; with sales, production and service footprints across the world. Our comprehensive solutions extend from influent water through potable and process water; process separation, purification and catalysis; effluent treatment, water reuse and zero discharge and waste to energy solutions.

Discerning companies in India and geographies we serve choose Ion Exchange as the Total Water and Environment Management partner for their projects because they know what to expect - total solutions with single-source responsibility. The integration of extensive process, technologies and designs, engineering and project management expertise into design and build projects, on turnkey BOO/T or EPC basis; comprehensive services - rehabilitation and automation of plant, O&M, consultancy and operator training delivered to complete customer satisfaction.

We have successfully handled large, complex water, wastewater treatment and process separation and purification projects for our distinguished clientele, in India and abroad. Our projects cater to diverse industries in core sectors such as nuclear & thermal power, fertilizer, refinery, petrochemical, steel & metallurgy, chemicals, municipal and rural infrastructure and also to sectors like automobile, electronics, paper, textile, food & beverage, sugar, cement, hospitality, realty, health care, etc. Our multi-disciplinary teams of professionals integrate software for process design, detailed engineering and project management that meet exacting Indian and international standards such as ASME, ASTM, API, MSS, PIP, BS, ANSI, IEEE, SAE, NEMA and DIN to name a few.

Our experience accumulated over more than 55 years of business operations is complemented by a comprehensive range of technologies developed in our ISO 9001 and DSIR certified (since inception) R&D and Technology centers. We meet the industry's need for quality supply of goods and services through our ISO 9001:2015 (Quality Management System), ISO 14001:2015 (Environmental Management System) and ISO 45001:2018 (Occupational Health and Safety Management System) certified manufacturing facilities, modern assembly centers strategically located close to our markets in India and globally for skid-mounted, pre-engineered, pre-assembled custom-built projects before shipment.

Our well-practiced HSE (Health, Safety and Environment) systems drive us to deliver our business goals while protecting people and the environment through safe operation and meeting the exacting needs of the industry.



*PROJECT : TECHNO-COMMERCIAL
OFFER FORMODIFICATION OF DM
PLANT*

CLIENT: NTPC Ltd Solapur STTP

ES-IE-B-480-OK-R4

*DATE : October 11,
2022*

The partial lists of major installations in this proposal demonstrates our capability to design, engineer, manufacture, supply, erect, commission and operate & maintain treatment plants and facilities specifically for your industry and organization.

Ion Exchange (India) Limited



PROJECT : TECHNO-COMMERCIAL
OFFER FORMODIFICATION OF DM
PLANT

CLIENT: NTPC Ltd Solapur STTP

ES-IE-B-480-OK-R4

DATE : October 11,
2022

DESIGN BASIS

ANNEXURE – 3 **DESIGN BASIS**

WATER ANALYSIS

We have designed our Water Treatment Plant based on following water analysis.

Ionic load Calculation for DM Plant					
Parameters	unit	DM Feed water (Present)		Remarks	
		as such	as CaCO ₃		
Physical parameters					
-	Source	-	Ujjani	-	
1	pH	-	7.3	-	
2	Turbidity	NTU	0.40	-	
3	Conductivity	microS/cm	708	-	
4	TDS (Given)	mg/l	445	-	
5	TDS (Calculated)	mg/l	509.94	-	
Chemicals parameters					
A	Cation				
	1	Calcium	mg/l	33.60	84
	2	Magnesium	mg/l	24.48	102
	3	Sodium + Potassium	mg/l	80.04	174
	4	Potassium	mg/l	0.00	0
	Total Cation		mg/l	-	360.00
	Total Hardness		mg/l	-	186.00
B	Anion				
	1	M-Alkalinity	mg/l	-	122
	2	Bicarbonates	mg/l	148.84	122.00
	3	Chlorides	mg/l	69.58	98

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	4	Sulphates	mg/l	134.40	140	
	Total Anion		mg/l	-	360.00	
	EMA (Given)		mg/l	-	238	
	EMA (Cal)		mg/l	-	238.00	
C	Others					
	1	Dissolved Silica	mg/l	22.91	19	
	2	DGT Outlet CO ₂	mg/l	5.00	5.68	

OUTLET GUARANTEE PARAMETERS

AT THE OUTLET OF MB				
Physical parameters		Unit	as such	as CaCO ₃
1	SILCA	mg/l	0.01	-
2	IRON	mg/l	NOT Detectable	-
3	Total Hardness	mg/l	NOT Detectable	-
4	pH Value	-	6.8 - 7.3	-
5	Conductivity	-	< 0.1 us	-
AT THE OUTLET OF SBA				
Physical parameters				
1	SILCA	mg/l	0.20	-
2	Conductivity	-	< 10 m-mho/cm	-
AT THE OUTLET OF SAC				
1	Sodium leakage	mg/l		< 2.00



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ION EXCHANGE VESSEL MODIFICATION

- a) Scheme : ACF- WAC – SAC – DGT – DGWST – WBA – SBA –MB
- b) Flow rate : 180 m3/hr
- c) Capacity of stream : 90 m3/hr
- d) Nos. of Streams : 3 Nos.(2W + 1 S)
- e) Service Cycle : 12 Hours
- f) Modification to be done : WAC, SAC (Modified), WBA (Modified), SBA Ion Exchange vessels along with internals, affected piping of SAC/WBA due to size increase, affected cable tray, Tubing, cables, additional resin (For SAC/WBA) and other jointing materials hardware as applicable.

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PROCESS DESCRIPTION



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ANNEXURE - 4 **PROCESS DESCRIPTION**

The Ionic Load at present DM Feed water has been substantially increased and the modification required getting the desired throughput from the existing conventional DMPlant.

SAC and WBA ion exchange vessel will be replaced with the new larger size ion exchange vessels with internals and increased resins to get the desired throughput. The Existing ACF, WAC, SBA and MB unit will be used to meet the desired OBR. The existing Chemical measuring tanks for WAC+SAC and WBA+SBA Vessel regeneration is adequateto meet the process.

Also the affected piping of SAC/WBA due to size increase, SAC/ WBA affected cable tray,tubing, cables and other associated hardware as applicable need to be replaced.

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SCOPE OF SUPPLY



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ANNEXURE – 5
SCOPE OF SUPPLY

SR. NO.	EQUIPMENT	MOC	Size/QTY.	QTY
	DM Plant			
1.	Strong Acid Cation Unit	MSRL	2.0 m Dia X 3.5 m HOS	3 Nos.
2.	SAC Resin (Total)	-	5253 ltrs.	3 Lots.
3.	Conductivity Comparator at the outlet of SAC	-	-	3 Nos.
4.	Affected Frontal piping of SAC, Required modification of Cable tray etc of SAC.	-	-	3 Lots.
5.	Weak Base Anion Unit	MSRL	2.2 m Dia X 3.25 m HOS	3 Nos.
6.	WBA Resin (Total)	-	5900 ltrs.	3 Lots.
7.	Affected Frontal piping of WBA, Required modification of Cable tray etc of WBA	-	-	3 Lots.
8.	Multi channel silica analyzer at the common SBA outlet	-	-	1 No.
9.	Frontal Piping.	-	-	3 Lots.
10.	Erection and Commissioning.	-	-	3 Lots.
11.	Any damage occurred during modification within scope	-	-	3 Lots.
12.	Any modification in the existing foundation or a new foundation required for new vessels (if applicable)			6 Sets
13.	Any other system which is not specifically mentioned above but required to complete the system for all three streams.			1 Lot



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MANDATORY SPARE

SR. NO.	DESCRIPTION	QTY
1.	Middle Collector for SAC	1 Set
2.	Bottom Strainer for SAC / WBA	10% of total qty
3.	Inlet distribution system for SAC /WBA	1 Set of each type
4.	Regenerant distributor	1 Set of each type
5.	Resin trap for SAC & WBA	1 No of each type
6.	Inspection window	1 Set of each type

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TERMINATION POINTS



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ANNEXURE – 6 **TERMINATION POINTS**

In case existing vessel foundation is not suitable, modification in the exiting foundation or new foundation will be in IEIL's scope of work. In such case repair of any damage to the existing structure such as floor, drain etc will also be in the IEIL scope of work.

All civil work required due to modification of DM plant shall be in IEIL's scope of work.

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SCHEDULE OF EXCLUSION



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ANNEXURE – 7 **SCHEDULE OF EXCLUSION**

CIVIL :

- a) All major civil work other than mentioned in our scope of supply & terminal points.

MECHANICAL :

- a. All Consumable Chemicals like, HCl, Alkali, lime, salt etc. Laboratory equipment & HVAC and Ventilation system.
- b. All Piping Beyond battery limits.

INSTRUMENTATION :

Existing Instruments will be used. (except for conductivity comparator at SAC outlet & multichannel silica analyzer at SBA outlet)

OTHERS :

1. All Chemicals for Trial/Commissioning & running of plant.
2. Plant area roads & Paving for access for operation and maintenance of the plant within the plant boundary limit.
3. Plant area Drainage & sewage system.



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4. All statutory Approval/clearances, work permits.
5. Handling System
6. Air-conditioning & Ventilation system
7. Fire fighting System
8. Lighting & Lighting protect
9. Fire Protection & Alarm System
10. Below & Above ground earthing

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TECHNICAL CLARIFICATIONS



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ANNEXURE – 8 **TECHNICAL CLARIFICATION**

1. Replacement of existing vessel may affect the operation of existing plant.
2. No additional instrument is considered for DM Plant modification. We presume all provided instruments/ valves will be re used & in case of any defective items, the same will be replaced at an additional cost (except for conductivity comparator at SAC outlet & multichannel silica analyzer at SBA outlet)
3. Operation and supply of Chemicals will be in Purchaser scope.
4. There is the change of frontal of SAC and WBA due to change of its size. Detail of frontal piping details / design will be provided during detail engineering of this modification.
5. The existing vessel foundation will be used for these proposed new vessel and modification design will be done accordingly
6. We will accommodate the vessel on the existing vessel foundations and will furnish our revalidation report/ calculation during detail engineering after consideration of foundation condition during the execution time.
7. We have considered only the frontal piping for the SAC & WBA however as far as valves are concerned existing valves shall be used. If the valves are also to be replaced then it will be on at actual.
8. We have not considered civil foundation in main supply however existing foundations will be used as far as possible.
9. Silica analyzer will be online multi channel type

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PRICE AND COMMERCIAL TERMS



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ANNEXURE-9
PRICE AND COMMERCIAL TERMS

Sr. No	PRICE	Price (INR)	In words
1	For Design Engineering & Supply	Rs. 410 Lakhs Only	Rupees Four Crores and Ten Lakhs Only
2	Dismantling, Disposal Installation, Commissioning, PGTR	Rs. 70 Lakhs Only	Rupees Seventy Lakhs Only
3	GST	Extra at actual	

The quoted prices are inclusive of packing, forwarding & freight up to site.

Our price is exclusive of GST.

Road permits (if applicable) are to be issued by the Purchaser for dispatch of all components from various location of the Country. You will allow us to dispatch material in part in line with the approved billing break up enabling us to raise invoices for the full or part materials.

Any variation or implementation of new taxes, duties and levies & entry tax from Government of India and State Govt. shall be borne by Purchaser during the contract period. Please note that GST is introduced from 01/07/2017, and then taxes as applicable under GST regime will be levied and collected from the Purchaser.

Any variation and addition in taxes, duties levied by Central/State Government during the execution of contract will be borne by purchaser at actual.



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In case the plant is not commissioned for no fault of ours, purchaser shall pay the entire balance amount. However we shall depute our engineer for commissioning once you are ready to do so.

VALIDITY:

The prices will be valid for 30 days from the date of this offer.

TERMS OF PAYMENT:

SUPPLY:

20% advance along with LOI

10% against submission of BEP, P&ID and Layout

70% on dispatch of materials.

DELIVERY:

Supply : 6 months.

Modification – One month for each chain. – 3 Months

Commissioning, demonstration, PGTR – 1 month

Total : 10 Months for completion.

-All activities/inputs in purchaser's/others scope shall be completed as per the agreed milestone dates.

-All payments under the contract will be released within 10 days from the presentation of documents.

-The quoted delivery period will be subject to force majeure conditions, prevailing either at our works or at site or at the works of our major sub-vendors.

- Free access to place of work to identified staff as well as machinery/materials.

- We have considered IEI standard Skid mounted equipments ,valves, pumps, instruments etc. for option 1. Other than this we have not considered any specific make of equipments.



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WARRANTY:

We provide a standard warrantee period of 12 months from the date of commissioning or 18 months from the date of our last major shipment whichever is earlier.

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Annexure-H

भारत सरकार/ Government of India
विद्युत मंत्रालय/ Ministry of Power
केन्द्रीय विद्युत प्राधिकरण/ Central Electricity Authority
विद्युत प्रणाली अभियांत्रिकी एवं प्रौद्योगिकी विकास प्रभाग
Power System Engineering & Technology Development Division

Date: 20.09.2023

सेवा में,

<as per attached list>

विषय: Installation of Online Insulating Oil Dry Out System for Transformer of 400 kV and above Voltage class-reg.

महोदया/महोदय

A reliable and quality power supply is an essential requirement in today's environment. The availability of secure and reliable quality power supply is not only essential but also instils the confidence in the minds of the investors from over the block to establish their production houses and institutions in the country. A firm power supply also improves the rating of India in Ease of Doing Business (EODB).

The moisture content over a permissible limit in the insulating oil of the transformers/reactors is mainly responsible for the deteriorating dielectric properties of the oil. The moisture-laden deteriorated oil in the transformer/reactor is the major cause of poor insulating properties of the insulating and cooling oil, such oil leads to the failure of transformers/reactors.

In view of the above, it is necessary that the moisture contents in the transformers be continuously monitored and controlled through proper means. The "On-Line Transformer Oil Drying Out System (One Line TODOS)" installed on the transformer measures and controls the moisture contents in the transformer oil to the desired level. The system is permanently installed with the Transformer and it continuously keeps on removing the moisture while the transformer/reactor is in the charged stage, till the user-defined pre-set moisture level condition is attained. The transformer/reactor oil is circulated through a series of Cylinders filled with specially designed cartridges that absorb moisture as well as remove solid contaminants from the oil. This process removes moisture from the Transformer/ Reactor oil as well as the "cellulose insulation". During the filtration process moisture PPM level is continuously monitored

Online Insulating Oil Dry Out System is capable of returning meaningful benefits for a wet transformer which cannot be spared from its normal duty cycle since it does not require transformer outage, the downtime is avoided while the moisture removal is still in progress. The benefits of Online Insulating Dry out Systems for transformers are well-

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documented including enhanced reliability, reduced maintenance costs, and prolonged transformer lifespan.

Clause 46(1)(a) of Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022 states that "Power transformer shall be designed, manufactured, tested and commissioned as per Central Electricity Authority's "Standard Specifications and Technical Parameters for Transformers and reactors (66 kV and above)". Section-2.15 of Chapter-6 and Annexure-U of Standard Specifications and Technical Parameters for Transformers and Reactors (66 kV and above), specifies the use of an Online Insulating Oil Dry Out System for 400 kV and above class of Transformers and Reactors.

However, representations have been received in CEA that Utilities are not following the requirement of the installation of an Online Insulating Oil Dry Out System. It is highlighted here that Transformers are the main pillar of the Power System. Any failure of the transformer would have an adverse impact on the power supply in the system. Therefore, necessary equipment which are crucial for the health and reliability of the Transformer needs to be mandatorily installed.

In fact, for the total health monitoring system of the transformer and other associated equipment, an online electrical asset monitoring system need to be installed that can monitor all medium voltage and high voltage electrical assets like GIS, AIS, Breakers, Power Cables including Transformers for condition-based maintenance. TODOS system shall be capable of monitoring and controlling the moisture contents of the oil in the transformer and will form part of the integrated system, if not so it can function as it is also.

TODOS and online electrical asset monitoring system shall be installed for transformers, including existing and new transformers; shall support cloud (IoT) and on-premise installation and provide access to electrical asset health dashboards on engineer's PC, Mobile, Laptops, or tablets. Utilities are advised to install the TODOS system even for the transformers at a voltage lower than 400 kV also.

In view of the above, it is reiterated to follow the provisions of the CEA's Regulations and Standards in respect of the installation of an Online Insulating Oil Dry Out System. Also, kindly ensure the compliance of the Regulations/Guidelines/Recommendations and report the status to CEA on regular basis.

This issues with the approval of the Competent Authority.

भवदीय,


20/09/2023
(भववर सिंह मीना /Bhanwar Singh Meena)

निदेशक/Director

**Details of Source wise Fuel for Computation of
Energy Charges¹**

Name of the Petitioner _____

Name of the Generating Station _____

S. No.	Month	Unit	For preceding 3rd Month (from COD or from 1.4.2019 as the case may be)			For preceding 2nd Month (from COD or from 1.4.2019 as the case may be)		For preceding 1st Month (from COD or from 1.4.2019 as the case may be)	
			Domestic Source (1)	Domestic Source (2)	Imported	Domestic	Imported	Domestic	Imported
A)	OPENING QUANTITY								
1	Opening Quantity of Coal/Lignite	(MMT)							
2	Value of Stock								
B)	QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	(MMT)							
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)							
5	Coal supplied by Coal/Lignite Company (3+4)	(MMT)							
6	Normative Transit & Handling Losses (For	(MMT)							

S. No.	Month	Unit	For preceding			For preceding		For preceding	
			3rd Month (from COD or from 1.4.2019 as the case may be)			2nd Month (from COD or from 1.4.2019 as the case may be)		1st Month (from COD or from 1.4.2019 as the case may be)	
	coal/Lignite based Projects)								
7	Net coal / Lignite Supplied (3-4)	(MMT)							
C)	PRICE								
8	Amount charged by the Coal /Lignite Company	(Rs.)							
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)							
10	Handling, Sampling and such other similar charges								
11	Total amount Charged (8+9+10)	(Rs.)							
D)	TRANSPORATION								
12	Transportation charges by rail/ship/road transport	(Rs.)							
	By Rail								
	By Road								
	By Ship								
								
13	Adjustment (+/-) in amount charged made by	(Rs.)							

S. No.	Month	Unit	For preceding 3rd Month (from COD or from 1.4.2019 as the case may be)			For preceding 2nd Month (from COD or from 1.4.2019 as the case may be)		For preceding 1st Month (from COD or from 1.4.2019 as the case may be)	
	Railways/Transport Company								
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.)							
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	(Rs.)							
E)	TOTAL COST								
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./MT							
19	Blending Ratio (Domestic/Imported)								
20	Weighted average cost of coal/ Lignite for preceding three months	Rs./MT							
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)							

S. No.	Month	Unit	For preceding 3rd Month (from COD or from 1.4.2019 as the case may be)			For preceding 2nd Month (from COD or from 1.4.2019 as the case may be)		For preceding 1st Month (from COD or from 1.4.2019 as the case may be)	
23	GCV of Imported Coal of the opening stock as per bill 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)							
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)							
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)							

Note:

1. Similar details to be furnished for natural gas/liquid fuel for CCGT station and secondary fuel oil for coal/lignite based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. Details to be provided for each source separately. In case of more than one source, add additional column.
4. Break up of the amount charged by the Coal Company is to be provided separately.

(Petitioner)

**Details of Source wise Fuel for Computation of
Energy Charges¹**

Name of the Petitioner

Name of the Generating Station

Sr. No.	Month-wise	Unit	For Existing Plants Year wise and Month-wise details for the period 2024-29 (For preceding 12 months)							
			Domestic Source (1)	.....	Domestic Source (n)	Integrated Mine (Basket)	Integrated Mine (Captive)	E-Auction	Imported	Others (specify)
A)	OPENING QUANTITY									
1	Opening Quantity of Coal/Lignite	(MMT)								
2	Value of Stock									
B)	QUANTITY									
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company for the particular month giving complete details of mode of transportation used for transportation along with quantity.	(MMT)								
	By Rail									
	By Road									
	By Ship									

Sr. No.	Month-wise	Unit	For Existing Plants Year wise and Month-wise details for the period 2024-29 (For preceding 12 months)							
			Domestic Source (1)	.....	Domestic Source (n)	Integrated Mine (Basket)	Integrated Mine (Captive)	E-Auction	Imported	Others (specify)
	By MGR									
	By any other mode (specify)									
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company *	(MMT)								
5	Coal supplied by Coal/Lignite Company (3+4)	(MMT)								
6	Actual Transit & Handling Losses (For coal/Lignite based Projects) specify the source	(MMT)								
7	Actual coal / Lignite received	(MMT)								
C)	PRICE									
8	Amount charged by the Coal /Lignite Company	(Rs.)								
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company *	(Rs.)								
10	Unloading, Handling and Sampling charges.									
	Unloading charges									
	Handling charges									
	Sampling charges									

Sr. No.	Month-wise	Unit	For Existing Plants Year wise and Month-wise details for the period 2024-29 (For preceding 12 months)							
			Domestic Source (1)	.....	Domestic Source (n)	Integrated Mine (Basket)	Integrated Mine (Captive)	E-Auction	Imported	Others (specify)
11	Total amount Charged (8+9+10)	(Rs.)								
D)	TRANSPORATION									
12	Transportation charges by rail/ship/road transport	(Rs.)								
	By Rail									
	By Road									
	By Ship									
	By MGR									
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.)								
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	(Rs.)								
E)	TOTAL COST									
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./MT								

Sr. No.	Month-wise	Unit	For Existing Plants Year wise and Month-wise details for the period 2024-29 (For preceding 12 months)							
			Domestic Source (1)	.....	Domestic Source (n)	Integrated Mine (Basket)	Integrated Mine (Captive)	E-Auction	Imported	Others (specify)
19	Blending Ratio (Domestic/Imported)									
20	Weighted average cost of coal/ Lignite for preceding twelve months	Rs./MT								
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)								
23	GCV of Imported Coal of the opening stock as per bill 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)								
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)								

Sr. No.	Month-wise	Unit	For Existing Plants Year wise and Month-wise details for the period 2024-29 (For preceding 12 months)							
			Domestic Source (1)	.....	Domestic Source (n)	Integrated Mine (Basket)	Integrated Mine (Captive)	E-Auction	Imported	Others (specify)
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)								

(*specifying the period of adjustment along with reason and support document for the adjustment)

Note:

1. Similar details to be furnished for natural gas/liquid fuel for CCGT station and secondary fuel oil for coal/lignite based thermal plants with appropriate units.
2. As billed and as received GCV, quantity of coal, and price should be submitted as certified by statutory auditor.
3. The action taken to address the difference in GCV between as billed and as received should be submitted along with the petition.
4. The details of source wise fuel for computation of energy charges should be provided on year wise in above format along with month wise calculation as may be required by the Commission.
5. Details to be provided for each source separately. In case of more than one source, add additional column.
6. Break-up of the amount charged by the Coal Company is to be provided separately.
7. Distance of Integrated Mines from Generating Station, if applicable, is to be provided separately.

(Petitioner)

Details of Sourcewise fuel for computation of Energy Charges			29-08-2023				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			Apr-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	1,27,999.39	1,691.43	10,410.53	0.00	1,45,011.15	0.00
2	Value of Stock	Rs	74,14,88,078	99,15,043	5,72,70,876	0	2,10,01,18,590	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	1,33,238.15	27,542.63	1,30,140.55	0.00	32,045.60	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-1,365.43	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,33,238.15	26,177.20	1,30,140.55	0.00	32,045.60	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	1,065.91	220.34	1,041.12	0.00	64.09	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1,32,172.24	25,956.86	1,29,099.43	0.00	31,981.51	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	56,92,27,234	6,69,87,458	49,64,90,558	0	45,17,45,160	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	-13,45,244	-32,98,407	69,08,382	0	-3,83,36,658	0
10	Handling, Sampling and such other Similar charges	Rs	78,31,719	16,18,952	76,49,643	0	0	0
11	Total Amount charged (8 +9+10)	Rs	57,57,13,709	6,53,08,003	51,10,48,583	0	41,34,08,502	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	19,96,22,121	9,08,75,611	18,66,82,091	0	0	0
	By Road	Rs	0	0	42,58,728	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	0	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	5,01,221	1,03,611	4,89,568	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	20,01,23,342	9,09,79,222	19,14,30,387	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	77,58,37,051	15,62,87,225	70,24,78,970	0	41,34,08,502	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	5,832.02	6,011.30	5,445.85	0.00	14,201.31	0.00
19	Blending Ratio (Domestic/Imported)		0.456	0.000	0.359	0.000	0.185	0.000
20	Weighted average cost of Coal /Lignite (Including Biomass)	Rs/MT	7,240.92					
20a	Weighted average cost of Coal /Lignite (Excluding Biomass)	Rs/MT	7,240.92					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4273	4741	3615	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4257	4738	3596			0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal /Lignite as billed (Including Biomass)	(Kcal/Kg)	4161					
25a	Weighted average GCV of Coal /Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4161					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3746	3471	3231			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3569	3305	3040			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5164	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					5229	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3721					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3636					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3636					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3721					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3721					

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Details of Sourcewise fuel for computation of Energy Charges			29-08-2023				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			May-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	1,20,824.63	27,648.29	29,630.96	0.00	1,20,448.66	0.00
2	Value of Stock	Rs	70,46,51,185	16,62,02,268	16,13,65,664	0	1,71,05,28,392	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	1,14,454.07	70,563.84	1,08,368.83	0.00	414.50	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-2,396.83	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,14,454.07	68,167.01	1,08,368.83	0.00	414.50	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	915.63	564.51	866.95	0.00	0.83	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1,13,538.44	67,602.50	1,07,501.88	0.00	413.67	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	49,41,46,038	17,98,55,657	42,83,86,967	0	60,58,532	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	-70,14,423	-57,87,418	1,24,25,068	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	53,18,958	32,79,273	50,36,162	0	0	0
11	Total Amount charged (8 +9+10)	Rs	49,24,50,573	17,73,47,512	44,58,48,197	0	60,58,532	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	16,66,94,974	22,42,00,152	13,57,43,135	0	0	0
	By Road	Rs	0	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	0	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	4,23,764	2,61,261	4,01,234	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	16,71,18,738	22,44,61,413	13,61,44,369	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	65,95,69,311	40,18,08,925	58,19,92,566	0	60,58,532	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	5,820.97	5,963.32	5,420.72	0.00	14,202.83	0.00
19	Blending Ratio (Domestic/Imported)		0.425	0.000	0.402	0.000	0.172	0.000
20	Weighted average cost of Coal/Lignite (Including Biomass)	Rs/MT	7,101.88					
20a	Weighted average cost of Coal/Lignite (Excluding Biomass)	Rs/MT	7,101.88					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4265	4738	3597	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4321	4649	3425			0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal/Lignite as billed (Including Biomass)	(Kcal/Kg)	4080					
25a	Weighted average GCV of Coal/Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4080					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3656	3315	3054			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3440	3271	2962			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5176	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					5024	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3602					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3517					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3517					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3602					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3602					

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Details of Sourcewise fuel for computation of Energy Charges			29-08-2023				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			June-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	1,10,109.07	95,250.79	19,590.84	0.00	70,620.33	0.00
2	Value of Stock	Rs	64,09,41,638	56,80,11,193	10,61,96,387	0	1,00,30,08,423	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	1,20,637.76	1,12,110.26	31,999.45	0.00	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-990.73	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,20,637.76	1,11,119.53	31,999.45	0.00	0.00	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	965.10	896.88	256.00	0.00	0.00	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1,19,672.66	1,10,222.65	31,743.45	0.00	0.00	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	49,99,73,314	30,56,68,424	11,80,61,786	0	0	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	-19,29,822	-24,93,431	42,26,161	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	45,02,498	41,84,230	11,94,298	0	0	0
11	Total Amount charged (8 +9+10)	Rs	50,25,45,990	30,73,59,223	12,34,82,245	0	0	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	19,63,09,873	34,48,21,301	5,44,24,676	0	0	0
	By Road	Rs	0	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	0	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	2,52,119	2,34,297	66,875	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	19,65,61,992	34,50,55,598	5,44,91,551	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	69,91,07,981	65,24,14,822	17,79,73,796	0	0	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	5,831.84	5,939.58	5,535.68	0.00	14,202.83	0.00
19	Blending Ratio (Domestic/Imported)		0.304	0.479	0.129	0.000	0.088	0.000
20	Weighted average cost of Coal /Lignite (Including Biomass)	Rs/MT	6,581.00					
20a	Weighted average cost of Coal /Lignite (Excluding Biomass)	Rs/MT	6,581.00					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4292	4675	3462	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4256	4750	4551			0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal /Lignite as billed (Including Biomass)	(Kcal/Kg)	4531					
25a	Weighted average GCV of Coal /Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4531					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3551	3284	2982			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3555	3252	3994			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5175	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					0	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3566					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3481					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3481					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3566					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3566					

GM (O&M)

Details of Sourcewise fuel for computation of Energy Charges			25-10-2023				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			July-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	1,22,755.73	36,783.44	5,814.29	0.00	39,661.33	0.00
2	Value of Stock	Rs	71,58,91,421	21,84,78,199	3,21,86,047	0	56,33,03,061	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	87,523.25	1,16,099.82	1,19,203.08	0.00	1,154.80	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	0.00	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	87,523.25	1,16,099.82	1,19,203.08	0.00	1,154.80	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	700.19	928.80	953.62	0.00	2.31	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	86,823.06	1,15,171.02	1,18,249.46	0.00	1,152.49	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	34,08,29,751	29,26,15,953	43,45,46,963	0	-1,43,51,419	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0	0	0	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	35,04,429	46,48,634	47,72,888	0	0	0
11	Total Amount charged (8 +9+10)	Rs	34,43,34,180	29,72,64,587	43,93,19,851	0	-1,43,51,419	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	14,09,23,592	37,99,25,553	17,17,93,585	0	0	0
	By Road	Rs	0	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	0	0	1,17,497	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	3,00,504	3,98,620	4,09,275	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	14,12,24,096	38,03,24,173	17,20,85,363	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	48,55,58,276	67,75,88,760	61,14,05,214	0	-1,43,51,419	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	5,732.69	5,896.94	5,187.59	0.00	13,450.14	0.00
19	Blending Ratio (Domestic/Imported)		0.476	0.334	0.126	0.000	0.064	0.000
20	Weighted average cost of Coal /Lignite (Including Biomass)	Rs/MT	6,215.93					
20a	Weighted average cost of Coal /Lignite (Excluding Biomass)	Rs/MT	6,215.93					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4273	4750	4135	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4365	4750	4267			0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal /Lignite as billed (Including Biomass)	(Kcal/Kg)	4496					
25a	Weighted average GCV of Coal /Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4496					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3553	3267	3608			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3399	3074	3483			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5175	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					5261	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3475					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3390					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3390					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3475					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3475					

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Details of Sourcewise fuel for computation of Energy Charges			25-10-2023				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			Aug-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	18,779.79	18,254.46	73,719.75	0.00	15,016.82	0.00
2	Value of Stock	Rs	10,76,58,666	10,76,45,530	38,24,27,476	0	20,19,78,349	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	1,16,686.32	1,87,316.67	1,55,334.54	0.00	302.50	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-3,995.69	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,16,686.32	1,83,320.98	1,55,334.54	0.00	302.50	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	933.49	1,498.53	1,242.68	0.00	0.61	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1,15,752.83	1,81,822.45	1,54,091.86	0.00	301.90	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	55,70,00,023	46,83,86,867	59,85,97,737	0	42,47,935	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0	0	0	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	23,50,023	37,72,494	31,28,385	0	0	0
11	Total Amount charged (8 +9+10)	Rs	55,93,50,046	47,21,59,361	60,17,26,122	0	42,47,935	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	18,46,10,848	60,59,54,204	24,24,05,891	0	0	0
	By Road	Rs	0	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	0	0	2,97,332	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	3,04,632	4,89,027	4,05,531	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	18,49,15,480	60,64,43,231	24,25,14,090	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	74,42,65,526	1,07,86,02,592	84,42,40,212	0	42,47,935	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,332.47	5,928.96	5,384.57	0.00	13,462.37	0.00
19	Blending Ratio (Domestic/Imported)		0.267	0.248	0.454	0.000	0.031	0.000
20	Weighted average cost of Coal /Lignite (Including Biomass)	Rs/MT	6,020.49					
20a	Weighted average cost of Coal /Lignite (Excluding Biomass)	Rs/MT	6,020.49					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4311	4750	4261	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4284	4750	4143	0		0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal /Lignite as billed (Including Biomass)	(Kcal/Kg)	4376					
25a	Weighted average GCV of Coal /Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4376					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3489	3121	3489			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3237	3257	3338			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5177	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4653	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3375					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3290					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3290					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3375					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3375					

GM (O&M)

Details of Sourcewise fuel for computation of Energy Charges			23-02-2024				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			Sep-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	1,045.62	76,221.91	1,063.61	0.00	15.71	0.00
2	Value of Stock	Rs	66,21,360	45,19,16,703	57,27,083	0	2,11,494	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	1,96,279.71	1,58,168.43	76,486.72	0.00	20,963.80	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-6,553.00	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,96,279.71	1,51,615.43	76,486.72	0.00	20,963.80	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	1,570.24	1,265.35	611.89	0.00	41.93	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1,94,709.47	1,50,350.08	75,874.83	0.00	20,921.87	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	90,96,99,386	39,00,18,054	28,02,69,704	0	25,77,98,071	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0	0	0	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	1,04,34,585	84,08,521	40,66,173	0	0	0
11	Total Amount charged (8 +9+10)	Rs	92,01,33,971	39,84,26,575	28,43,35,877	0	25,77,98,071	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	31,80,29,786	50,65,95,158	10,29,52,801	0	0	0
	By Road	Rs	36,57,034	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	7,48,756	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	4,98,490	4,01,699	1,94,253	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	32,14,36,554	50,69,96,857	10,31,47,054	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	1,24,15,70,525	90,54,23,431	38,74,82,930	0	25,77,98,071	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,376.29	5,990.77	5,110.71	0.00	12,322.80	0.00
19	Blending Ratio (Domestic/Imported)		0.323	0.503	0.167	0.000	0.007	0.000
20	Weighted average cost of Coal /Lignite (Including Biomass)	Rs/MT	6,009.36					
20a	Weighted average cost of Coal /Lignite (Excluding Biomass)	Rs/MT	6,009.36					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4288	4750	4181	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	3837	4750	4034	0		0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal /Lignite as billed (Including Biomass)	(Kcal/Kg)	4338					
25a	Weighted average GCV of Coal /Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4338					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3272	3245	3387			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3616	3629	3504			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5167	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4910	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3546					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3461					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3461					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3546					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3546					

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Details of Sourcewise fuel for computation of Energy Charges			23-02-2024				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			Oct-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	48,565.09	0.00	538.44	0.00	17,941.58	0.00
2	Value of Stock	Rs	30,96,65,262	0	27,51,810	0	22,10,90,463	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	2,33,881.02	19,681.46	1,46,185.66	0.00	75,504.40	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-3,383.59	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	2,33,881.02	16,297.87	1,46,185.66	0.00	75,504.40	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	1,871.05	157.45	1,169.49	0.00	151.01	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	2,32,009.97	16,140.42	1,45,016.17	0.00	75,353.39	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	1,07,26,76,593	4,11,86,472	54,46,99,567	0	94,40,09,922	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0	0	0	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	72,73,686	6,12,092	45,46,365	0	0	0
11	Total Amount charged (8 +9+10)	Rs	1,07,99,50,279	4,17,98,564	54,92,45,932	0	94,40,09,922	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	35,68,56,396	6,44,53,807	22,13,81,073	0	0	0
	By Road	Rs	60,37,500	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	2,54,384	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	0	0	0	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	36,26,39,512	6,44,53,807	22,13,81,073	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	1,44,25,89,791	10,62,52,371	77,06,27,005	0	94,40,09,922	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,245.23	6,583.00	5,313.32	0.00	12,488.35	0.00
19	Blending Ratio (Domestic/Imported)		0.579	0.029	0.246	0.000	0.146	0.000
20	Weighted average cost of Coal /Lignite (Including Biomass)	Rs/MT	6,937.94					
20a	Weighted average cost of Coal /Lignite (Excluding Biomass)	Rs/MT	6,937.94					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	3839	4750	4036	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4287	4750	3682	0		0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal /Lignite as billed (Including Biomass)	(Kcal/Kg)	4211					
25a	Weighted average GCV of Coal /Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4211					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3614	3500	3502			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3664	3666	3033			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					4910	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4840	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3678					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3593					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3593					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3678					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3678					

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Details of Sourcewise fuel for computation of Energy Charges			23-02-2024				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			Nov-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	5,577.06	2,240.42	28,559.61	0.00	23,840.97	0.00
2	Value of Stock	Rs	3,48,30,008	1,47,48,683	15,17,46,464	0	29,77,34,415	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	2,17,496.25	7,838.08	2,14,700.44	0.00	35,549.30	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-123.41	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	2,17,496.25	7,714.67	2,14,700.44	0.00	35,549.30	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	1,739.97	62.70	1,717.60	0.00	71.10	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	2,15,756.28	7,651.97	2,12,982.84	0.00	35,478.20	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	1,03,16,83,302	3,23,73,955	97,02,56,528	0	44,65,04,734	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0	0	0	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	58,19,242	2,09,713	57,44,438	0	0	0
11	Total Amount charged (8 +9+10)	Rs	1,03,75,02,544	3,25,83,667	97,60,00,966	0	44,65,04,734	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	34,41,62,635	1,25,25,260	31,00,45,235	0	0	0
	By Road	Rs	28,98,000	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	5,89,406	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	4,61,966	16,648	4,56,028	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	34,69,33,195	1,25,41,908	31,05,01,263	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	1,38,44,35,739	4,51,25,576	1,28,65,02,229	0	44,65,04,734	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,412.35	6,052.56	5,954.43	0.00	12,546.35	0.00
19	Blending Ratio (Domestic/Imported)		0.314	0.006	0.560	0.000	0.120	0.000
20	Weighted average cost of Coal /Lignite (Including Biomass)	Rs/MT	6,891.97					
20a	Weighted average cost of Coal /Lignite (Excluding Biomass)	Rs/MT	6,891.97					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4209	4750	3683	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4375	4750	4089	0		0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5050	
25	Weighted average GCV of Coal /Lignite as billed (Including Biomass)	(Kcal/Kg)	4268					
25a	Weighted average GCV of Coal /Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4268					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3655	3666	3035			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3498	3562	3277			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					4853	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4680	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3511					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3426					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3426					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3511					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3511					

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Details of Sourcewise fuel for computation of Energy Charges			23-02-2024				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			Dec-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	89,724.34	7,392.39	6,540.45	0.00	8,819.17	0.00
2	Value of Stock	Rs	57,53,43,427	4,47,42,865	3,89,44,681	0	11,06,48,405	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	2,26,795.78	273.54	2,42,618.30	0.00	32,512.30	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-114.82	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	2,26,795.78	158.72	2,42,618.30	0.00	32,512.30	0.00
6	Normative transit & Handling losses (for Coal/Lignite based projects)	MT	1,814.37	2.19	1,940.95	0.00	65.02	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	2,24,981.41	156.53	2,40,677.35	0.00	32,447.28	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	1,07,89,85,781	4,01,530	1,13,03,42,400	0	38,58,03,651	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0	0	0	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	1,19,73,239	14,441	1,28,08,557	0	0	0
11	Total Amount charged (8 +9+10)	Rs	1,09,09,59,020	4,15,971	1,14,31,50,957	0	38,58,03,651	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	36,10,15,317	8,98,560	32,26,68,224	0	0	0
	By Road	Rs	0	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	9,04,765	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	8,06,414	973	8,62,674	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	36,09,16,966	8,99,533	32,35,30,898	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	1,45,18,75,985	13,15,504	1,46,66,81,855	0	38,58,03,651	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,441.63	6,101.32	6,090.28	0.00	12,030.41	0.00
19	Blending Ratio (Domestic/Imported)		0.125	0.021	0.739	0.000	0.115	0.000
20	Weighted average cost of Coal/Lignite (Including Biomass)	Rs/MT	6,817.42					
20a	Weighted average cost of Coal/Lignite (Excluding Biomass)	Rs/MT	6,817.42					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4371	4750	4041	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4193	4750	3975	0		0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5050	
25	Weighted average GCV of Coal/Lignite as billed (Including Biomass)	(Kcal/Kg)	4148					
25a	Weighted average GCV of Coal/Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4148					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3502	3586	3248			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3384	3492	3396			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					4750	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4765	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3557					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3472					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3472					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3557					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3557					

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Details of Sourcewise fuel for computation of Energy Charges

Company		NTPC Limited				
Name of the generating Station		Solapur STPP-STAGE 01				
Month		January-2024				
SL	Particulars	Unit	COAL DOMESTIC (NTPC MINES)	FUEL-SOLID: SPECIAL ARRANGEMENT COAL	COAL-DOMESTIC	COAL - IMPORTED
A)	OPENING QUANTITY					
1	Opening Stock of coal	MT	646.92	273031.76	720.80	2931.45
2	Value of Stock	Rs.	3947032.34	1758770845.86	4389872.20	35266570.44
B)	QUANTITY					
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	0.00	171618.66	267656.06	106494.50
3.01	- Qty Received (Pit Head)	MT	0.00	0.00	0.00	106494.50
3.02	- Qty Received (Non Pit Head)	MT	0.00	171618.66	267656.06	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 Company (3+4)	MT	0.00	171618.66	267656.06	106494.50
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	0.00	1372.95	2141.25	212.99
6.01	- Normative Loss (Pit Head)	MT	0.00	0.00	0.00	212.99
6.02	- Normative Loss (Non Pit Head)	MT	0.00	1372.95	2141.25	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	0.00	170245.71	265514.81	106281.51
C)	PRICE					
8	Amount charged by the Coal / Lignite Company	Rs.	0.00	768804204.00	1301550293.00	1376100685.55
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs.	0.00	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs.	0.00	4361936.57	6802867.26	0.00
11	Total Amount charged (8 +9+10)	Rs.	0.00	773166140.57	1308353160.26	1376100685.55
D)	TRANSPORTATION					
12	Transportation charges by Rail / Ship / Road Transport	Rs.	0.00	255115636.00	374649850.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00	0.00	0.00
14	Demurrage charges, if any	Rs.	0.00	0.00	518338.00	0.00
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	0.00	0.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs.	0.00	255115636.00	374131512.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs.	0.00	1028281776.57	1682484672.26	1376100685.55
E)	TOTAL COST					
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs./MT	6101.27	6287.38	6336.02	12923.07
19	Blending Ratio (Domestic/Imported)	%	0.00	22.67	67.24	10.10
20	Weighted average cost of Coal /Lignite (Including biomass)	Rs./MT	6989.99			
20.10	Weighted average cost of Coal /Lignite (Excluding biomass)	Rs./MT	6989.99	6989.99	6989.99	6989.99
F)	QUALITY					
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	kCal/Kg	4750	4244	3977	0
22	GCV of Domestic coal supplied as per bill of coal company	kCal/Kg	0	4261	4236	0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	kCal/Kg	0	0	0	5000
24	GCV of Imported coal supplied as per bill of coal company	kCal/Kg	0	0	0	5050
25	Weighted average GCV of Coal /Lignite as billed (Including biomass)	kCal/Kg	4321			
25.10	Weighted average GCV of Coal /Lignite as billed (Excluding biomass)	kCal/Kg	4321	4321	4321	4321
26	GCV of Domestic coal of the Opening stock as received at station	kCal/Kg	3605	3422	3387	0
27	GCV of Domestic coal/biomass supplied as received at station	kCal/Kg	0	3576	3543	0
28	GCV of Imported coal of the Opening stock as received at station	kCal/Kg	0	0	0	4778
29	GCV of Imported coal supplied as received at station	kCal/Kg	0	0	0	4759
30	Weighted average GCV of coal/ Lignite as Received (Including biomass)	kCal/Kg	3652			
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding biomass)	kCal/Kg	3652	3652	3652	3652

Submitted On :16.04.2024

Details of Sourcewise fuel for computation of Energy Charges

Company		NTPC Limited				
Name of the generating Station		Solapur STPP-STAGE 01				
Month		February-2024				
SL	Particulars	Unit	COAL DOMESTIC (NTPC MINES)	FUEL-SOLID: SPECIAL ARRANGEMENT COAL	COAL-DOMESTIC	COAL - IMPORTED
A)	OPENING QUANTITY					
1	Opening Stock of coal	MT	646.92	356571.47	9041.61	70595.97
2	Value of Stock	Rs.	3947032.34	2241899312.27	57287959.39	912316907.32
B)	QUANTITY					
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	0.00	147199.00	234591.04	90575.40
3.01	- Qty Received (Pit Head)	MT	0.00	0.00	0.00	90575.40
3.02	- Qty Received (Non Pit Head)	MT	0.00	147199.00	234591.04	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 Company (3+4)	MT	0.00	147199.00	234591.04	90575.40
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	0.00	1177.59	1876.73	181.15
6.01	- Normative Loss (Pit Head)	MT	0.00	0.00	0.00	181.15
6.02	- Normative Loss (Non Pit Head)	MT	0.00	1177.59	1876.73	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	0.00	146021.41	232714.31	90394.25
C)	PRICE					
8	Amount charged by the Coal / Lignite Company	Rs.	0.00	603531118.00	1189980724.00	1121299693.74
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs.	0.00	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs.	0.00	3175819.62	5061295.90	0.00
11	Total Amount charged (8 +9+10)	Rs.	0.00	606706937.62	1195042019.90	1121299693.74
D)	TRANSPORTATION					
12	Transportation charges by Rail / Ship / Road Transport	Rs.	0.00	226746684.00	281247966.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00	0.00	0.00
14	Demurrage charges, if any	Rs.	0.00	536265.00	0.00	0.00
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	0.00	0.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs.	0.00	226210419.00	281247966.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs.	0.00	832917356.62	1476289985.90	1121299693.74
E)	TOTAL COST					
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs./MT	6101.27	6117.91	6343.50	12631.93
19	Blending Ratio (Domestic/Imported)	%	0.00	77.70	5.22	17.08
20	Weighted average cost of Coal /Lignite (Including biomass)	Rs./MT	7242.28			
20.10	Weighted average cost of Coal /Lignite (Excluding biomass)	Rs./MT	7242.28	7242.28	7242.28	7242.28
F)	QUALITY					
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	kCal/Kg	4750	4251	4235	0
22	GCV of Domestic coal supplied as per bill of coal company	kCal/Kg	0	4191	4154	0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	kCal/Kg	0	0	0	5000
24	GCV of Imported coal supplied as per bill of coal company	kCal/Kg	0	0	0	5050
25	Weighted average GCV of Coal /Lignite as billed (Including biomass)	kCal/Kg	4365			
25.10	Weighted average GCV of Coal /Lignite as billed (Excluding biomass)	kCal/Kg	4365	4365	4365	4365
26	GCV of Domestic coal of the Opening stock as received at station	kCal/Kg	3605	3479	3539	0
27	GCV of Domestic coal/biomass supplied as received at station	kCal/Kg	0	3444	3626	0
28	GCV of Imported coal of the Opening stock as received at station	kCal/Kg	0	0	0	4759
29	GCV of Imported coal supplied as received at station	kCal/Kg	0	0	0	5040
30	Weighted average GCV of coal/ Lignite as Received (Including biomass)	kCal/Kg	3724			
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding biomass)	kCal/Kg	3724	3724	3724	3724

Submitted On :16.04.2024

Details of Sourcewise fuel for computation of Energy Charges

Company		NTPC Limited				
Name of the generating Station		Solapur STPP-STAGE 01				
Month		March-2024				
SL	Particulars	Unit	COAL DOMESTIC (NTPC MINES)	FUEL-SOLID: SPECIAL ARRANGEMENT COAL	COAL-DOMESTIC	COAL - IMPORTED
A)	OPENING QUANTITY					
1	Opening Stock of coal	MT	646.92	220391.88	222790.92	98955.21
2	Value of Stock	Rs.	3947032.34	1348337195.58	1413273524.69	1249995009.62
B)	QUANTITY					
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	23638.26	148904.71	153433.92	133.20
3.01	- Qty Received (Pit Head)	MT	0.00	0.00	0.00	133.20
3.02	- Qty Received (Non Pit Head)	MT	23638.26	148904.71	153433.92	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	2026.74-	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	21611.52	148904.71	153433.92	133.20
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	172.89	1191.24	1227.47	0.27
6.01	- Normative Loss (Pit Head)	MT	0.00	0.00	0.00	0.27
6.02	- Normative Loss (Non Pit Head)	MT	172.89	1191.24	1227.47	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	21438.63	147713.47	152206.45	132.93
C)	PRICE					
8	Amount charged by the Coal / Lignite Company	Rs.	54671412.00	623236672.00	851838559.00	1725198.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs.	0.00	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs.	1706071.93	10747078.59	11073970.02	0.00
11	Total Amount charged (8 +9+10)	Rs.	56377483.93	633983750.59	862912529.02	1725198.00
D)	TRANSPORTATION					
12	Transportation charges by Rail / Ship / Road Transport	Rs.	77101061.00	230288658.00	203029670.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00	0.00	0.00
14	Demurrage charges, if any	Rs.	0.00	300416.00	0.00	0.00
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	0.00	0.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs.	77101061.00	229988242.00	203029670.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs.	133478544.93	863971992.59	1065942199.02	1725198.00
E)	TOTAL COST					
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs./MT	6222.42	6009.99	6611.29	12632.39
19	Blending Ratio (Domestic/Imported)	%	0.00	89.09	0.00	10.91
20	Weighted average cost of Coal /Lignite (Including biomass)	Rs./MT	6732.28			
20.10	Weighted average cost of Coal /Lignite (Excluding biomass)	Rs./MT	6732.28	6732.28	6732.28	6732.28
F)	QUALITY					
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	kCal/Kg	4750	4234	4157	0
22	GCV of Domestic coal supplied as per bill of coal company	kCal/Kg	4750	4246	4607	0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	kCal/Kg	0	0	0	5000
24	GCV of Imported coal supplied as per bill of coal company	kCal/Kg	0	0	0	5000
25	Weighted average GCV of Coal /Lignite as billed (Including biomass)	kCal/Kg	4322			
25.10	Weighted average GCV of Coal /Lignite as billed (Excluding biomass)	kCal/Kg	4322	4322	4322	4322
26	GCV of Domestic coal of the Opening stock as received at station	kCal/Kg	3604	3486	3645	0
27	GCV of Domestic coal/biomass supplied as received at station	kCal/Kg	3505	3373	3547	0
28	GCV of Imported coal of the Opening stock as received at station	kCal/Kg	0	0	0	4936
29	GCV of Imported coal supplied as received at station	kCal/Kg	0	0	0	4933
30	Weighted average GCV of coal/ Lignite as Received (Including biomass)	kCal/Kg	3604			
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding biomass)	kCal/Kg	3604	3604	3604	3604

Submitted On :16.04.2024

Details of Sourcewise fuel for computation of Energy Charges			29-08-2023				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			Apr-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	1,27,999.39	1,691.43	10,410.53	0.00	1,45,011.15	0.00
2	Value of Stock	Rs	74,14,88,078	99,15,043	5,72,70,876	0	2,10,01,18,590	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	1,33,238.15	27,542.63	1,30,140.55	0.00	32,045.60	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-1,365.43	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,33,238.15	26,177.20	1,30,140.55	0.00	32,045.60	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	1,065.91	220.34	1,041.12	0.00	64.09	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1,32,172.24	25,956.86	1,29,099.43	0.00	31,981.51	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	56,92,27,234	6,69,87,458	49,64,90,558	0	45,17,45,160	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	-13,45,244	-32,98,407	69,08,382	0	-3,83,36,658	0
10	Handling, Sampling and such other Similar charges	Rs	78,31,719	16,18,952	76,49,643	0	0	0
11	Total Amount charged (8 +9+10)	Rs	57,57,13,709	6,53,08,003	51,10,48,583	0	41,34,08,502	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	19,96,22,121	9,08,75,611	18,66,82,091	0	0	0
	By Road	Rs	0	0	42,58,728	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	0	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	5,01,221	1,03,611	4,89,568	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	20,01,23,342	9,09,79,222	19,14,30,387	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	77,58,37,051	15,62,87,225	70,24,78,970	0	41,34,08,502	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	5,832.02	6,011.30	5,445.85	0.00	14,201.31	0.00
19	Blending Ratio (Domestic/Imported)		0.456	0.000	0.359	0.000	0.185	0.000
20	Weighted average cost of Coal /Lignite (Including Biomass)	Rs/MT	7,240.92					
20a	Weighted average cost of Coal /Lignite (Excluding Biomass)	Rs/MT	7,240.92					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4273	4741	3615	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4257	4738	3596			0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal /Lignite as billed (Including Biomass)	(Kcal/Kg)	4161					
25a	Weighted average GCV of Coal /Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4161					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3746	3471	3231			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3569	3305	3040			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5164	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					5229	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3721					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3636					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3636					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3721					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3721					

GM (O&M)

Details of Sourcewise fuel for computation of Energy Charges			29-08-2023			FORM -15		
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			May-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	1,20,824.63	27,648.29	29,630.96	0.00	1,20,448.66	0.00
2	Value of Stock	Rs	70,46,51,185	16,62,02,268	16,13,65,664	0	1,71,05,28,392	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	1,14,454.07	70,563.84	1,08,368.83	0.00	414.50	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-2,396.83	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,14,454.07	68,167.01	1,08,368.83	0.00	414.50	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	915.63	564.51	866.95	0.00	0.83	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1,13,538.44	67,602.50	1,07,501.88	0.00	413.67	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	49,41,46,038	17,98,55,657	42,83,86,967	0	60,58,532	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	-70,14,423	-57,87,418	1,24,25,068	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	53,18,958	32,79,273	50,36,162	0	0	0
11	Total Amount charged (8 +9+10)	Rs	49,24,50,573	17,73,47,512	44,58,48,197	0	60,58,532	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	16,66,94,974	22,42,00,152	13,57,43,135	0	0	0
	By Road	Rs	0	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	0	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	4,23,764	2,61,261	4,01,234	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	16,71,18,738	22,44,61,413	13,61,44,369	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	65,95,69,311	40,18,08,925	58,19,92,566	0	60,58,532	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	5,820.97	5,963.32	5,420.72	0.00	14,202.83	0.00
19	Blending Ratio (Domestic/Imported)		0.425	0.000	0.402	0.000	0.172	0.000
20	Weighted average cost of Coal/Lignite (Including Biomass)	Rs/MT	7,101.88					
20a	Weighted average cost of Coal/Lignite (Excluding Biomass)	Rs/MT	7,101.88					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4265	4738	3597	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4321	4649	3425			0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal /Lignite as billed (Including Biomass)	(Kcal/Kg)	4080					
25a	Weighted average GCV of Coal /Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4080					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3656	3315	3054			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3440	3271	2962			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5176	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					5024	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3602					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3517					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3517					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3602					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3602					

GM (O&M)

Details of Sourcewise fuel for computation of Energy Charges			29-08-2023			FORM -15		
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			June-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	1,10,109.07	95,250.79	19,590.84	0.00	70,620.33	0.00
2	Value of Stock	Rs	64,09,41,638	56,80,11,193	10,61,96,387	0	1,00,30,08,423	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	1,20,637.76	1,12,110.26	31,999.45	0.00	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-990.73	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,20,637.76	1,11,119.53	31,999.45	0.00	0.00	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	965.10	896.88	256.00	0.00	0.00	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1,19,672.66	1,10,222.65	31,743.45	0.00	0.00	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	49,99,73,314	30,56,68,424	11,80,61,786	0	0	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	-19,29,822	-24,93,431	42,26,161	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	45,02,498	41,84,230	11,94,298	0	0	0
11	Total Amount charged (8 +9+10)	Rs	50,25,45,990	30,73,59,223	12,34,82,245	0	0	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	19,63,09,873	34,48,21,301	5,44,24,676	0	0	0
	By Road	Rs	0	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	0	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	2,52,119	2,34,297	66,875	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	19,65,61,992	34,50,55,598	5,44,91,551	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	69,91,07,981	65,24,14,822	17,79,73,796	0	0	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	5,831.84	5,939.58	5,535.68	0.00	14,202.83	0.00
19	Blending Ratio (Domestic/Imported)		0.304	0.479	0.129	0.000	0.088	0.000
20	Weighted average cost of Coal /Lignite (Including Biomass)	Rs/MT	6,581.00					
20a	Weighted average cost of Coal /Lignite (Excluding Biomass)	Rs/MT	6,581.00					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4292	4675	3462	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4256	4750	4551			0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal /Lignite as billed (Including Biomass)	(Kcal/Kg)	4531					
25a	Weighted average GCV of Coal /Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4531					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3551	3284	2982			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3555	3252	3994			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5175	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					0	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3566					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3481					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3481					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3566					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3566					

GM (O&M)

Details of Sourcewise fuel for computation of Energy Charges			25-10-2023				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			July-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	1,22,755.73	36,783.44	5,814.29	0.00	39,661.33	0.00
2	Value of Stock	Rs	71,58,91,421	21,84,78,199	3,21,86,047	0	56,33,03,061	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	87,523.25	1,16,099.82	1,19,203.08	0.00	1,154.80	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	0.00	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	87,523.25	1,16,099.82	1,19,203.08	0.00	1,154.80	0.00
6	Normative transit & Handling losses (for Coal/Lignite based projects)	MT	700.19	928.80	953.62	0.00	2.31	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	86,823.06	1,15,171.02	1,18,249.46	0.00	1,152.49	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	34,08,29,751	29,26,15,953	43,45,46,963	0	-1,43,51,419	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0	0	0	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	35,04,429	46,48,634	47,72,888	0	0	0
11	Total Amount charged (8 +9+10)	Rs	34,43,34,180	29,72,64,587	43,93,19,851	0	-1,43,51,419	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	14,09,23,592	37,99,25,553	17,17,93,585	0	0	0
	By Road	Rs	0	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	0	0	1,17,497	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	3,00,504	3,98,620	4,09,275	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	14,12,24,096	38,03,24,173	17,20,85,363	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	48,55,58,276	67,75,88,760	61,14,05,214	0	-1,43,51,419	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	5,732.69	5,896.94	5,187.59	0.00	13,450.14	0.00
19	Blending Ratio (Domestic/Imported)		0.476	0.334	0.126	0.000	0.064	0.000
20	Weighted average cost of Coal/Lignite (Including Biomass)	Rs/MT	6,215.93					
20a	Weighted average cost of Coal/Lignite (Excluding Biomass)	Rs/MT	6,215.93					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4273	4750	4135	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4365	4750	4267			0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal/Lignite as billed (Including Biomass)	(Kcal/Kg)	4496					
25a	Weighted average GCV of Coal/Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4496					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3553	3267	3608			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3399	3074	3483			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5175	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					5261	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3475					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3390					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3390					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3475					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3475					

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Details of Sourcewise fuel for computation of Energy Charges			25-10-2023				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			Aug-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	18,779.79	18,254.46	73,719.75	0.00	15,016.82	0.00
2	Value of Stock	Rs	10,76,58,666	10,76,45,530	38,24,27,476	0	20,19,78,349	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	1,16,686.32	1,87,316.67	1,55,334.54	0.00	302.50	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-3,995.69	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,16,686.32	1,83,320.98	1,55,334.54	0.00	302.50	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	933.49	1,498.53	1,242.68	0.00	0.61	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1,15,752.83	1,81,822.45	1,54,091.86	0.00	301.90	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	55,70,00,023	46,83,86,867	59,85,97,737	0	42,47,935	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0	0	0	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	23,50,023	37,72,494	31,28,385	0	0	0
11	Total Amount charged (8 +9+10)	Rs	55,93,50,046	47,21,59,361	60,17,26,122	0	42,47,935	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	18,46,10,848	60,59,54,204	24,24,05,891	0	0	0
	By Road	Rs	0	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	0	0	2,97,332	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	3,04,632	4,89,027	4,05,531	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	18,49,15,480	60,64,43,231	24,25,14,090	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	74,42,65,526	1,07,86,02,592	84,42,40,212	0	42,47,935	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,332.47	5,928.96	5,384.57	0.00	13,462.37	0.00
19	Blending Ratio (Domestic/Imported)		0.267	0.248	0.454	0.000	0.031	0.000
20	Weighted average cost of Coal /Lignite (Including Biomass)	Rs/MT	6,020.49					
20a	Weighted average cost of Coal /Lignite (Excluding Biomass)	Rs/MT	6,020.49					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4311	4750	4261	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4284	4750	4143	0		0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal /Lignite as billed (Including Biomass)	(Kcal/Kg)	4376					
25a	Weighted average GCV of Coal /Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4376					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3489	3121	3489			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3237	3257	3338			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5177	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4653	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3375					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3290					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3290					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3375					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3375					

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Details of Sourcewise fuel for computation of Energy Charges			23-02-2024				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			Sep-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	1,045.62	76,221.91	1,063.61	0.00	15.71	0.00
2	Value of Stock	Rs	66,21,360	45,19,16,703	57,27,083	0	2,11,494	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	1,96,279.71	1,58,168.43	76,486.72	0.00	20,963.80	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-6,553.00	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	1,96,279.71	1,51,615.43	76,486.72	0.00	20,963.80	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	1,570.24	1,265.35	611.89	0.00	41.93	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	1,94,709.47	1,50,350.08	75,874.83	0.00	20,921.87	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	90,96,99,386	39,00,18,054	28,02,69,704	0	25,77,98,071	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0	0	0	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	1,04,34,585	84,08,521	40,66,173	0	0	0
11	Total Amount charged (8 +9+10)	Rs	92,01,33,971	39,84,26,575	28,43,35,877	0	25,77,98,071	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	31,80,29,786	50,65,95,158	10,29,52,801	0	0	0
	By Road	Rs	36,57,034	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	7,48,756	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	4,98,490	4,01,699	1,94,253	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	32,14,36,554	50,69,96,857	10,31,47,054	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	1,24,15,70,525	90,54,23,431	38,74,82,930	0	25,77,98,071	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,376.29	5,990.77	5,110.71	0.00	12,322.80	0.00
19	Blending Ratio (Domestic/Imported)		0.323	0.503	0.167	0.000	0.007	0.000
20	Weighted average cost of Coal /Lignite (Including Biomass)	Rs/MT	6,009.36					
20a	Weighted average cost of Coal /Lignite (Excluding Biomass)	Rs/MT	6,009.36					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4288	4750	4181	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	3837	4750	4034	0		0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal /Lignite as billed (Including Biomass)	(Kcal/Kg)	4338					
25a	Weighted average GCV of Coal /Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4338					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3272	3245	3387			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3616	3629	3504			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					5167	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4910	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3546					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3461					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3461					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3546					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3546					

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Details of Sourcewise fuel for computation of Energy Charges			23-02-2024				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			Oct-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	48,565.09	0.00	538.44	0.00	17,941.58	0.00
2	Value of Stock	Rs	30,96,65,262	0	27,51,810	0	22,10,90,463	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	2,33,881.02	19,681.46	1,46,185.66	0.00	75,504.40	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-3,383.59	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	2,33,881.02	16,297.87	1,46,185.66	0.00	75,504.40	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	1,871.05	157.45	1,169.49	0.00	151.01	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	2,32,009.97	16,140.42	1,45,016.17	0.00	75,353.39	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	1,07,26,76,593	4,11,86,472	54,46,99,567	0	94,40,09,922	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0	0	0	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	72,73,686	6,12,092	45,46,365	0	0	0
11	Total Amount charged (8 +9+10)	Rs	1,07,99,50,279	4,17,98,564	54,92,45,932	0	94,40,09,922	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	35,68,56,396	6,44,53,807	22,13,81,073	0	0	0
	By Road	Rs	60,37,500	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	2,54,384	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	0	0	0	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	36,26,39,512	6,44,53,807	22,13,81,073	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	1,44,25,89,791	10,62,52,371	77,06,27,005	0	94,40,09,922	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,245.23	6,583.00	5,313.32	0.00	12,488.35	0.00
19	Blending Ratio (Domestic/Imported)		0.579	0.029	0.246	0.000	0.146	0.000
20	Weighted average cost of Coal /Lignite (Including Biomass)	Rs/MT	6,937.94					
20a	Weighted average cost of Coal /Lignite (Excluding Biomass)	Rs/MT	6,937.94					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	3839	4750	4036	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4287	4750	3682	0		0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5000	
25	Weighted average GCV of Coal /Lignite as billed (Including Biomass)	(Kcal/Kg)	4211					
25a	Weighted average GCV of Coal /Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4211					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3614	3500	3502			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3664	3666	3033			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					4910	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4840	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3678					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3593					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3593					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3678					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3678					

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Details of Sourcewise fuel for computation of Energy Charges			23-02-2024				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			Nov-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	5,577.06	2,240.42	28,559.61	0.00	23,840.97	0.00
2	Value of Stock	Rs	3,48,30,008	1,47,48,683	15,17,46,464	0	29,77,34,415	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	2,17,496.25	7,838.08	2,14,700.44	0.00	35,549.30	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-123.41	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	2,17,496.25	7,714.67	2,14,700.44	0.00	35,549.30	0.00
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	1,739.97	62.70	1,717.60	0.00	71.10	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	2,15,756.28	7,651.97	2,12,982.84	0.00	35,478.20	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	1,03,16,83,302	3,23,73,955	97,02,56,528	0	44,65,04,734	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0	0	0	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	58,19,242	2,09,713	57,44,438	0	0	0
11	Total Amount charged (8 +9+10)	Rs	1,03,75,02,544	3,25,83,667	97,60,00,966	0	44,65,04,734	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	34,41,62,635	1,25,25,260	31,00,45,235	0	0	0
	By Road	Rs	28,98,000	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	5,89,406	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	4,61,966	16,648	4,56,028	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	34,69,33,195	1,25,41,908	31,05,01,263	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	1,38,44,35,739	4,51,25,576	1,28,65,02,229	0	44,65,04,734	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,412.35	6,052.56	5,954.43	0.00	12,546.35	0.00
19	Blending Ratio (Domestic/Imported)		0.314	0.006	0.560	0.000	0.120	0.000
20	Weighted average cost of Coal /Lignite (Including Biomass)	Rs/MT	6,891.97					
20a	Weighted average cost of Coal /Lignite (Excluding Biomass)	Rs/MT	6,891.97					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4209	4750	3683	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4375	4750	4089	0		0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5050	
25	Weighted average GCV of Coal /Lignite as billed (Including Biomass)	(Kcal/Kg)	4268					
25a	Weighted average GCV of Coal /Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4268					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3655	3666	3035			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3498	3562	3277			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					4853	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4680	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3511					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3426					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3426					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3511					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3511					

GM (O&M)

Details of Sourcewise fuel for computation of Energy Charges			23-02-2024				FORM -15	
Company			NTPC					
Name of the generating Station			SOLAPUR STAGE I					
Month			Dec-23 (Revised)					
Sl	Particulars	Unit	Domestic Coal (Special Arrangement)	Domestic Coal (NTPC Captive)	Domestic Coal (Other sources)	E-auction Coal	Imported Coal	Bio-Mass Pellets
A) OPENING QUANTITY								
1	Opening Stock of coal	MT	89,724.34	7,392.39	6,540.45	0.00	8,819.17	0.00
2	Value of Stock	Rs	57,53,43,427	4,47,42,865	3,89,44,681	0	11,06,48,405	0
B) QUANTITY								
3	Quantity of Coal/Lignite supplied by Coal / Lignite Company	MT	2,26,795.78	273.54	2,42,618.30	0.00	32,512.30	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	0.00	-114.82	0.00	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	2,26,795.78	158.72	2,42,618.30	0.00	32,512.30	0.00
6	Normative transit & Handling losses (for Coal/Lignite based projects)	MT	1,814.37	2.19	1,940.95	0.00	65.02	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	2,24,981.41	156.53	2,40,677.35	0.00	32,447.28	0.00
C) PRICE								
8	Amount charged by the Coal / Lignite Company	Rs	1,07,89,85,781	4,01,530	1,13,03,42,400	0	38,58,03,651	0
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs	0	0	0	0	0	0
10	Handling, Sampling and such other Similar charges	Rs	1,19,73,239	14,441	1,28,08,557	0	0	0
11	Total Amount charged (8 +9+10)	Rs	1,09,09,59,020	4,15,971	1,14,31,50,957	0	38,58,03,651	0
D) TRANSPORTATION								
12	Transportation charges by Rail / Ship / Road Transport							
	By Rail	Rs	36,10,15,317	8,98,560	32,26,68,224	0	0	0
	By Road	Rs	0	0	0	0	0	0
	By Ship	Rs	0	0	0	0	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0	0	0	0	0
14	Demurrage charges, if any	Rs	9,04,765	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	8,06,414	973	8,62,674	0	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	36,09,16,966	8,99,533	32,35,30,898	0	0	0
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs	1,45,18,75,985	13,15,504	1,46,66,81,855	0	38,58,03,651	0
E) TOTAL COST								
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs/MT	6,441.63	6,101.32	6,090.28	0.00	12,030.41	0.00
19	Blending Ratio (Domestic/Imported)		0.125	0.021	0.739	0.000	0.115	0.000
20	Weighted average cost of Coal/Lignite (Including Biomass)	Rs/MT	6,817.42					
20a	Weighted average cost of Coal/Lignite (Excluding Biomass)	Rs/MT	6,817.42					
F) QUALITY								
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	4371	4750	4041	0		0
22	GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	4193	4750	3975	0		0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					5000	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Kg)					5050	
25	Weighted average GCV of Coal/Lignite as billed (Including Biomass)	(Kcal/Kg)	4148					
25a	Weighted average GCV of Coal/Lignite as billed (Excluding Biomass)	(Kcal/Kg)	4148					
26	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	3502	3586	3248			0
27	GCV of Domestic coal supplied as received at station	(Kcal/Kg)	3384	3492	3396			0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Kg)					4750	
29	GCV of Imported coal supplied as received at station	(Kcal/Kg)					4765	
29 A	Weighted average GCV of Coal/ Lignite as Received	(Kcal/Kg)	3557					
29 B	Adjustment of GCV (29A-85)	(Kcal/Kg)	3472					
29 C	Weighted average GCV of Coal/ Lignite and Bio-Mass	(Kcal/Kg)	3472					
30	Weighted average GCV of Coal/ Lignite as Received (Incl Biomass)	(Kcal/Kg)	3557					
30a	Weighted average GCV of Coal/ Lignite as Received (Excl Biomass)	(Kcal/Kg)	3557					

GM (O&M)

Details of Sourcewise fuel for computation of Energy Charges

Company		NTPC Limited				
Name of the generating Station		Solapur STPP-STAGE 01				
Month		January-2024				
SL	Particulars	Unit	COAL DOMESTIC (NTPC MINES)	FUEL-SOLID: SPECIAL ARRANGEMENT COAL	COAL-DOMESTIC	COAL - IMPORTED
A)	OPENING QUANTITY					
1	Opening Stock of coal	MT	646.92	273031.76	720.80	2931.45
2	Value of Stock	Rs.	3947032.34	1758770845.86	4389872.20	35266570.44
B)	QUANTITY					
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	0.00	171618.66	267656.06	106494.50
3.01	- Qty Received (Pit Head)	MT	0.00	0.00	0.00	106494.50
3.02	- Qty Received (Non Pit Head)	MT	0.00	171618.66	267656.06	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 Company (3+4)	MT	0.00	171618.66	267656.06	106494.50
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	0.00	1372.95	2141.25	212.99
6.01	- Normative Loss (Pit Head)	MT	0.00	0.00	0.00	212.99
6.02	- Normative Loss (Non Pit Head)	MT	0.00	1372.95	2141.25	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	0.00	170245.71	265514.81	106281.51
C)	PRICE					
8	Amount charged by the Coal / Lignite Company	Rs.	0.00	768804204.00	1301550293.00	1376100685.55
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs.	0.00	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs.	0.00	4361936.57	6802867.26	0.00
11	Total Amount charged (8 +9+10)	Rs.	0.00	773166140.57	1308353160.26	1376100685.55
D)	TRANSPORTATION					
12	Transportation charges by Rail / Ship / Road Transport	Rs.	0.00	255115636.00	374649850.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00	0.00	0.00
14	Demurrage charges, if any	Rs.	0.00	0.00	518338.00	0.00
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	0.00	0.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs.	0.00	255115636.00	374131512.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs.	0.00	1028281776.57	1682484672.26	1376100685.55
E)	TOTAL COST					
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs./MT	6101.27	6287.38	6336.02	12923.07
19	Blending Ratio (Domestic/Imported)	%	0.00	22.67	67.24	10.10
20	Weighted average cost of Coal /Lignite (Including biomass)	Rs./MT	6989.99			
20.10	Weighted average cost of Coal /Lignite (Excluding biomass)	Rs./MT	6989.99	6989.99	6989.99	6989.99
F)	QUALITY					
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	kCal/Kg	4750	4244	3977	0
22	GCV of Domestic coal supplied as per bill of coal company	kCal/Kg	0	4261	4236	0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	kCal/Kg	0	0	0	5000
24	GCV of Imported coal supplied as per bill of coal company	kCal/Kg	0	0	0	5050
25	Weighted average GCV of Coal /Lignite as billed (Including biomass)	kCal/Kg	4321			
25.10	Weighted average GCV of Coal /Lignite as billed (Excluding biomass)	kCal/Kg	4321	4321	4321	4321
26	GCV of Domestic coal of the Opening stock as received at station	kCal/Kg	3605	3422	3387	0
27	GCV of Domestic coal/biomass supplied as received at station	kCal/Kg	0	3576	3543	0
28	GCV of Imported coal of the Opening stock as received at station	kCal/Kg	0	0	0	4778
29	GCV of Imported coal supplied as received at station	kCal/Kg	0	0	0	4759
30	Weighted average GCV of coal/ Lignite as Received (Including biomass)	kCal/Kg	3652			
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding biomass)	kCal/Kg	3652	3652	3652	3652

Submitted On :16.04.2024

Details of Sourcewise fuel for computation of Energy Charges

Company		NTPC Limited				
Name of the generating Station		Solapur STPP-STAGE 01				
Month		February-2024				
SL	Particulars	Unit	COAL DOMESTIC (NTPC MINES)	FUEL-SOLID: SPECIAL ARRANGEMENT COAL	COAL-DOMESTIC	COAL - IMPORTED
A)	OPENING QUANTITY					
1	Opening Stock of coal	MT	646.92	356571.47	9041.61	70595.97
2	Value of Stock	Rs.	3947032.34	2241899312.27	57287959.39	912316907.32
B)	QUANTITY					
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	0.00	147199.00	234591.04	90575.40
3.01	- Qty Received (Pit Head)	MT	0.00	0.00	0.00	90575.40
3.02	- Qty Received (Non Pit Head)	MT	0.00	147199.00	234591.04	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 Company (3+4)	MT	0.00	147199.00	234591.04	90575.40
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	0.00	1177.59	1876.73	181.15
6.01	- Normative Loss (Pit Head)	MT	0.00	0.00	0.00	181.15
6.02	- Normative Loss (Non Pit Head)	MT	0.00	1177.59	1876.73	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	0.00	146021.41	232714.31	90394.25
C)	PRICE					
8	Amount charged by the Coal / Lignite Company	Rs.	0.00	603531118.00	1189980724.00	1121299693.74
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs.	0.00	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs.	0.00	3175819.62	5061295.90	0.00
11	Total Amount charged (8 +9+10)	Rs.	0.00	606706937.62	1195042019.90	1121299693.74
D)	TRANSPORTATION					
12	Transportation charges by Rail / Ship / Road Transport	Rs.	0.00	226746684.00	281247966.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00	0.00	0.00
14	Demurrage charges, if any	Rs.	0.00	536265.00	0.00	0.00
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	0.00	0.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs.	0.00	226210419.00	281247966.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs.	0.00	832917356.62	1476289985.90	1121299693.74
E)	TOTAL COST					
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs./MT	6101.27	6117.91	6343.50	12631.93
19	Blending Ratio (Domestic/Imported)	%	0.00	77.70	5.22	17.08
20	Weighted average cost of Coal /Lignite (Including biomass)	Rs./MT	7242.28			
20.10	Weighted average cost of Coal /Lignite (Excluding biomass)	Rs./MT	7242.28	7242.28	7242.28	7242.28
F)	QUALITY					
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	kCal/Kg	4750	4251	4235	0
22	GCV of Domestic coal supplied as per bill of coal company	kCal/Kg	0	4191	4154	0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	kCal/Kg	0	0	0	5000
24	GCV of Imported coal supplied as per bill of coal company	kCal/Kg	0	0	0	5050
25	Weighted average GCV of Coal /Lignite as billed (Including biomass)	kCal/Kg	4365			
25.10	Weighted average GCV of Coal /Lignite as billed (Excluding biomass)	kCal/Kg	4365	4365	4365	4365
26	GCV of Domestic coal of the Opening stock as received at station	kCal/Kg	3605	3479	3539	0
27	GCV of Domestic coal/biomass supplied as received at station	kCal/Kg	0	3444	3626	0
28	GCV of Imported coal of the Opening stock as received at station	kCal/Kg	0	0	0	4759
29	GCV of Imported coal supplied as received at station	kCal/Kg	0	0	0	5040
30	Weighted average GCV of coal/ Lignite as Received (Including biomass)	kCal/Kg	3724			
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding biomass)	kCal/Kg	3724	3724	3724	3724

Submitted On :16.04.2024

Details of Sourcewise fuel for computation of Energy Charges

Company		NTPC Limited				
Name of the generating Station		Solapur STPP-STAGE 01				
Month		March-2024				
SL	Particulars	Unit	COAL DOMESTIC (NTPC MINES)	FUEL-SOLID: SPECIAL ARRANGEMENT COAL	COAL-DOMESTIC	COAL - IMPORTED
A)	OPENING QUANTITY					
1	Opening Stock of coal	MT	646.92	220391.88	222790.92	98955.21
2	Value of Stock	Rs.	3947032.34	1348337195.58	1413273524.69	1249995009.62
B)	QUANTITY					
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	MT	23638.26	148904.71	153433.92	133.20
3.01	- Qty Received (Pit Head)	MT	0.00	0.00	0.00	133.20
3.02	- Qty Received (Non Pit Head)	MT	23638.26	148904.71	153433.92	0.00
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	2026.74-	0.00	0.00	0.00
5	Coal supplied by Coal/Lignite Company (3+4)	MT	21611.52	148904.71	153433.92	133.20
6	Normative transit & Handling losses (for Coal /Lignite based projects)	MT	172.89	1191.24	1227.47	0.27
6.01	- Normative Loss (Pit Head)	MT	0.00	0.00	0.00	0.27
6.02	- Normative Loss (Non Pit Head)	MT	172.89	1191.24	1227.47	0.00
7	Net Coal / Lignite supplied (5 - 6)	MT	21438.63	147713.47	152206.45	132.93
C)	PRICE					
8	Amount charged by the Coal / Lignite Company	Rs.	54671412.00	623236672.00	851838559.00	1725198.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs.	0.00	0.00	0.00	0.00
10	Handling, Sampling and such other Similar charges	Rs.	1706071.93	10747078.59	11073970.02	0.00
11	Total Amount charged (8 +9+10)	Rs.	56377483.93	633983750.59	862912529.02	1725198.00
D)	TRANSPORTATION					
12	Transportation charges by Rail / Ship / Road Transport	Rs.	77101061.00	230288658.00	203029670.00	0.00
13	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00	0.00	0.00
14	Demurrage charges, if any	Rs.	0.00	300416.00	0.00	0.00
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	0.00	0.00	0.00	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs.	77101061.00	229988242.00	203029670.00	0.00
17	Total amount charged for Coal / Lignite supplied including transportation (11 + 16)	Rs.	133478544.93	863971992.59	1065942199.02	1725198.00
E)	TOTAL COST					
18	Landed Cost of Coal/Lignite (2+17) / (1+7)	Rs./MT	6222.42	6009.99	6611.29	12632.39
19	Blending Ratio (Domestic/Imported)	%	0.00	89.09	0.00	10.91
20	Weighted average cost of Coal /Lignite (Including biomass)	Rs./MT	6732.28			
20.10	Weighted average cost of Coal /Lignite (Excluding biomass)	Rs./MT	6732.28	6732.28	6732.28	6732.28
F)	QUALITY					
21	GCV of Domestic coal of the opening coal stock as per bill of coal company	kCal/Kg	4750	4234	4157	0
22	GCV of Domestic coal supplied as per bill of coal company	kCal/Kg	4750	4246	4607	0
23	GCV of Imported coal of the opening coal stock as per bill of coal company	kCal/Kg	0	0	0	5000
24	GCV of Imported coal supplied as per bill of coal company	kCal/Kg	0	0	0	5000
25	Weighted average GCV of Coal /Lignite as billed (Including biomass)	kCal/Kg	4322			
25.10	Weighted average GCV of Coal /Lignite as billed (Excluding biomass)	kCal/Kg	4322	4322	4322	4322
26	GCV of Domestic coal of the Opening stock as received at station	kCal/Kg	3604	3486	3645	0
27	GCV of Domestic coal/biomass supplied as received at station	kCal/Kg	3505	3373	3547	0
28	GCV of Imported coal of the Opening stock as received at station	kCal/Kg	0	0	0	4936
29	GCV of Imported coal supplied as received at station	kCal/Kg	0	0	0	4933
30	Weighted average GCV of coal/ Lignite as Received (Including biomass)	kCal/Kg	3604			
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding biomass)	kCal/Kg	3604	3604	3604	3604

Submitted On :16.04.2024

Details of Sourcewise fuel for computation of Energy Charges

FORM -15 A

Company		NTPC	
Name of the generating Station		SOLAPUR STAGE I	
Month		Apr-2023	
SL	Particulars	Unit	
		LDO	HFO
A) OPENING QUANTITY			
1	Opening Stock of Oil	KL	2,077.61
2	Value of Stock	Rs	18,45,97,987
B) QUANTITY			
3	Quantity of Oil supplied by Oil Company	KL	0.00
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.00
5	Coal supplied by Oil Company (3+4)	KL	0.00
6	Normative transit & Handling losses	KL	NA
7	Net Oil supplied (5 - 6)	KL	0.00
C) PRICE			
8	Amount charged by the Oil Company	Rs	0
9	Adjustment (+ / -) in amount charged by Oil Company	Rs	0
10	Handling, Sampling and such other Similar charges	Rs	0
11	Total Amount charged (8 +9+10)	Rs	0
D) TRANSPORTATION			
12	Transportation charges by Rail / Ship / Road Transport		
	By Rail	Rs	0
	By Road	Rs	0
	By Ship	Rs	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0
14	Demurrage charges, if any	Rs	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	0
17	Total amount charged for Oil supplied including transportation (11 + 16)	Rs	0
E) TOTAL COST			
18	Landed Cost of Oil (LDO/HFO) (2+17) / (1+7)	Rs/KL	88,851.13
19	Blending Ratio		1.00
20	Weighted average cost of Oil		88,851.13
F) QUALITY			
21	GCV of Oil of the opening stock as per bill of Oil company	(Kcal/Ltr)	NA
22	GCV of oil supplied as per bill of oil company	(Kcal/Ltr)	NA
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Ltr)	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Ltr)	
25	Weighted average GCV of Oil as billed	(Kcal/Ltr)	NA
26	GCV of Oil of the Opening stock as received at station	(Kcal/Ltr)	NA
27	GCV of Oil supplied (LDO/HFO)	(Kcal/Ltr)	9405
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Ltr)	
29	GCV of Imported coal supplied as received at station	(Kcal/Ltr)	
		(Kcal/Ltr)	9405
30	Weighted average GCV of Oil (LDO/HFO)	(Kcal/Ltr)	9405

Details of Sourcewise fuel for computation of Energy Charges

FORM -15 A

Company		NTPC	
Name of the generating Station		SOLAPUR STAGE I	
Month		May-2023	
SL	Particulars	Unit	
		LDO	HFO
A) OPENING QUANTITY			
1	Opening Stock of Oil	KL	1,901.48
2	Value of Stock	Rs	16,89,48,905
B) QUANTITY			
3	Quantity of Oil supplied by Oil Company	KL	2,966.31
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.00
5	Coal supplied by Oil Company (3+4)	KL	2,966.31
6	Normative transit & Handling losses	KL	NA
7	Net Oil supplied (5 - 6)	KL	2,966.31
C) PRICE			
8	Amount charged by the Oil Company	Rs	19,87,62,893
9	Adjustment (+ / -) in amount charged by Oil Company	Rs	0
10	Handling, Sampling and such other Similar charges	Rs	0
11	Total Amount charged (8 +9+10)	Rs	19,87,62,893
D) TRANSPORTATION			
12	Transportation charges by Rail / Ship / Road Transport		
	By Rail	Rs	0
	By Road	Rs	0
	By Ship	Rs	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0
14	Demurrage charges, if any	Rs	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	0
17	Total amount charged for Oil supplied including transportation (11 + 16)	Rs	19,87,62,893
E) TOTAL COST			
18	Landed Cost of Oil (LDO/HFO) (2+17) / (1+7)	Rs/KL	75,539.74
19	Blending Ratio		1.00
20	Weighted average cost of Oil		75,539.74
F) QUALITY			
21	GCV of Oil of the opening stock as per bill of Oil company	(Kcal/Ltr)	NA
22	GCV of oil supplied as per bill of oil company	(Kcal/Ltr)	NA
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Ltr)	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Ltr)	
25	Weighted average GCV of Oil as billed	(Kcal/Ltr)	NA
26	GCV of Oil of the Opening stock as received at station	(Kcal/Ltr)	NA
27	GCV of Oil supplied (LDO/HFO)	(Kcal/Ltr)	9443
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Ltr)	
29	GCV of Imported coal supplied as received at station	(Kcal/Ltr)	
		(Kcal/Ltr)	9443
30	Weighted average GCV of Oil (LDO/HFO)	(Kcal/Ltr)	9443

Details of Sourcewise fuel for computation of Energy Charges

FORM -15 A

Company		NTPC	
Name of the generating Station		SOLAPUR STAGE I	
Month		June-2023	
SL	Particulars	Unit	
		LDO	HFO
A) OPENING QUANTITY			
1	Opening Stock of Oil	KL	4,405.69
2	Value of Stock	Rs	33,28,04,433
B) QUANTITY			
3	Quantity of Oil supplied by Oil Company	KL	0.00
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.00
5	Coal supplied by Oil Company (3+4)	KL	0.00
6	Normative transit & Handling losses	KL	NA
7	Net Oil supplied (5 - 6)	KL	0.00
C) PRICE			
8	Amount charged by the Oil Company	Rs	0
9	Adjustment (+ / -) in amount charged by Oil Company	Rs	0
10	Handling, Sampling and such other Similar charges	Rs	0
11	Total Amount charged (8 +9+10)	Rs	0
D) TRANSPORTATION			
12	Transportation charges by Rail / Ship / Road Transport		
	By Rail	Rs	0
	By Road	Rs	0
	By Ship	Rs	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0
14	Demurrage charges, if any	Rs	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	0
17	Total amount charged for Oil supplied including transportation (11 + 16)	Rs	0
E) TOTAL COST			
18	Landed Cost of Oil (LDO/HFO) (2+17) / (1+7)	Rs/KL	75,539.74
19	Blending Ratio		1.00
20	Weighted average cost of Oil		75,539.74
F) QUALITY			
21	GCV of Oil of the opening stock as per bill of Oil company	(Kcal/Ltr)	NA
22	GCV of oil supplied as per bill of oil company	(Kcal/Ltr)	NA
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Ltr)	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Ltr)	
25	Weighted average GCV of Oil as billed	(Kcal/Ltr)	NA
26	GCV of Oil of the Opening stock as received at station	(Kcal/Ltr)	NA
27	GCV of Oil supplied (LDO/HFO)	(Kcal/Ltr)	9443
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Ltr)	
29	GCV of Imported coal supplied as received at station	(Kcal/Ltr)	
		(Kcal/Ltr)	9443
30	Weighted average GCV of Oil (LDO/HFO)	(Kcal/Ltr)	9443

Details of Sourcewise fuel for computation of Energy Charges

FORM -15 A

Company		NTPC	
Name of the generating Station		SOLAPUR STAGE I	
Month		July-2023	
Sl	Particulars	Unit	
		LDO	HFO
A) OPENING QUANTITY			
1	Opening Stock of Oil	KL	4,098.49
2	Value of Stock	Rs	30,95,98,626
B) QUANTITY			
3	Quantity of Oil supplied by Oil Company	KL	0.00
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.00
5	Coal supplied by Oil Company (3+4)	KL	0.00
6	Normative transit & Handling losses	KL	NA
7	Net Oil supplied (5 - 6)	KL	0.00
C) PRICE			
8	Amount charged by the Oil Company	Rs	0
9	Adjustment (+ / -) in amount charged by Oil Company	Rs	0
10	Handling, Sampling and such other Similar charges	Rs	0
11	Total Amount charged (8 +9+10)	Rs	0
D) TRANSPORTATION			
12	Transportation charges by Rail / Ship / Road Transport		
	By Rail	Rs	0
	By Road	Rs	0
	By Ship	Rs	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0
14	Demurrage charges, if any	Rs	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	0
17	Total amount charged for Oil supplied including transportation (11 + 16)	Rs	0
E) TOTAL COST			
18	Landed Cost of Oil (LDO/HFO) (2+17) / (1+7)	Rs/KL	75,539.74
19	Blending Ratio		1.00
20	Weighted average cost of Oil		75,539.74
F) QUALITY			
21	GCV of Oil of the opening stock as per bill of Oil company	(Kcal/Ltr)	NA
22	GCV of oil supplied as per bill of oil company	(Kcal/Ltr)	NA
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Ltr)	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Ltr)	
25	Weighted average GCV of Oil as billed	(Kcal/Ltr)	NA
26	GCV of Oil of the Opening stock as received at station	(Kcal/Ltr)	NA
27	GCV of Oil supplied (LDO/HFO)	(Kcal/Ltr)	9561
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Ltr)	
29	GCV of Imported coal supplied as received at station	(Kcal/Ltr)	
		(Kcal/Ltr)	9561
30	Weighted average GCV of Oil (LDO/HFO)	(Kcal/Ltr)	9561

Details of Sourcewise fuel for computation of Energy Charges

FORM -15 A

Company		NTPC	
Name of the generating Station		SOLAPUR STAGE I	
Month		Aug-2023	
SL	Particulars	Unit	
		LDO	HFO
A) OPENING QUANTITY			
1	Opening Stock of Oil	KL	3,693.87
2	Value of Stock	Rs	27,90,34,116
B) QUANTITY			
3	Quantity of Oil supplied by Oil Company	KL	0.00
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.00
5	Coal supplied by Oil Company (3+4)	KL	0.00
6	Normative transit & Handling losses	KL	NA
7	Net Oil supplied (5 - 6)	KL	0.00
C) PRICE			
8	Amount charged by the Oil Company	Rs	0
9	Adjustment (+ / -) in amount charged by Oil Company	Rs	0
10	Handling, Sampling and such other Similar charges	Rs	0
11	Total Amount charged (8 +9+10)	Rs	0
D) TRANSPORTATION			
12	Transportation charges by Rail / Ship / Road Transport		
	By Rail	Rs	0
	By Road	Rs	0
	By Ship	Rs	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0
14	Demurrage charges, if any	Rs	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	0
17	Total amount charged for Oil supplied including transportation (11 + 16)	Rs	0
E) TOTAL COST			
18	Landed Cost of Oil (LDO/HFO) (2+17) / (1+7)	Rs/KL	75,539.74
19	Blending Ratio		1.00
20	Weighted average cost of Oil		75,539.74
F) QUALITY			
21	GCV of Oil of the opening stock as per bill of Oil company	(Kcal/Ltr)	NA
22	GCV of oil supplied as per bill of oil company	(Kcal/Ltr)	NA
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Ltr)	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Ltr)	
25	Weighted average GCV of Oil as billed	(Kcal/Ltr)	NA
26	GCV of Oil of the Opening stock as received at station	(Kcal/Ltr)	NA
27	GCV of Oil supplied (LDO/HFO)	(Kcal/Ltr)	9560
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Ltr)	
29	GCV of Imported coal supplied as received at station	(Kcal/Ltr)	
		(Kcal/Ltr)	9560
30	Weighted average GCV of Oil (LDO/HFO)	(Kcal/Ltr)	9560

Details of Sourcewise fuel for computation of Energy Charges

FORM -15 A

Company		NTPC		
Name of the generating Station		SOLAPUR STAGE I		
Month		Sep-2023		
SL	Particulars	Unit		
A) OPENING QUANTITY		LDO	HFO	
1	Opening Stock of Oil	KL	3,371.21	0.00
2	Value of Stock	Rs	25,46,60,465	0
B) QUANTITY				
3	Quantity of Oil supplied by Oil Company	KL	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.00	0.00
5	Coal supplied by Oil Company (3+4)	KL	0.00	0.00
6	Normative transit & Handling losses	KL	NA	NA
7	Net Oil supplied (5 - 6)	KL	0.00	0.00
C) PRICE				
8	Amount charged by the Oil Company	Rs	0	0
9	Adjustment (+ / -) in amount charged by Oil Company	Rs	0	0
10	Handling, Sampling and such other Similar charges	Rs	0	0
11	Total Amount charged (8 +9+10)	Rs	0	0
D) TRANSPORTATION		Rs		
12	Transportation charges by Rail / Ship / Road Transport			
	By Rail	Rs	0	0
	By Road	Rs	0	0
	By Ship	Rs	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0
14	Demurrage charges, if any	Rs	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	0	0
17	Total amount charged for Oil supplied including transportation (11 + 16)	Rs	0	0
E) TOTAL COST				
18	Landed Cost of Oil (LDO/HFO) (2+17) / (1+7)	Rs/KL	75,539.74	0.00
19	Blending Ratio		1.00	0.00
20	Weighted average cost of Oil		75,539.74	
F) QUALITY				
21	GCV of Oil of the opening stock as per bill of Oil company	(Kcal/Ltr)	NA	NA
22	GCV of oil supplied as per bill of oil company	(Kcal/Ltr)	NA	NA
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Ltr)		
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Ltr)		
25	Weighted average GCV of Oil as billed	(Kcal/Ltr)	NA	NA
26	GCV of Oil of the Opening stock as received at station	(Kcal/Ltr)	NA	NA
27	GCV of Oil supplied (LDO/HFO)	(Kcal/Ltr)	9558	0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Ltr)		
29	GCV of Imported coal supplied as received at station	(Kcal/Ltr)		
		(Kcal/Ltr)	9558	0
30	Weighted average GCV of Oil (LDO/HFO)	(Kcal/Ltr)	9558	

Details of Sourcewise fuel for computation of Energy Charges

FORM -15 A

Company		NTPC		
Name of the generating Station		SOLAPUR STAGE I		
Month		Oct-2023		
SL	Particulars	Unit		
A) OPENING QUANTITY		LDO	HFO	
1	Opening Stock of Oil	KL	3,099.43	0.00
2	Value of Stock	Rs	23,41,30,275	0
B) QUANTITY				
3	Quantity of Oil supplied by Oil Company	KL	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.00	0.00
5	Coal supplied by Oil Company (3+4)	KL	0.00	0.00
6	Normative transit & Handling losses	KL	NA	NA
7	Net Oil supplied (5 - 6)	KL	0.00	0.00
C) PRICE				
8	Amount charged by the Oil Company	Rs	0	0
9	Adjustment (+ / -) in amount charged by Oil Company	Rs	0	0
10	Handling, Sampling and such other Similar charges	Rs	0	0
11	Total Amount charged (8 +9+10)	Rs	0	0
D) TRANSPORTATION		Rs		
12	Transportation charges by Rail / Ship / Road Transport			
	By Rail	Rs	0	0
	By Road	Rs	0	0
	By Ship	Rs	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0
14	Demurrage charges, if any	Rs	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	0	0
17	Total amount charged for Oil supplied including transportation (11 + 16)	Rs	0	0
E) TOTAL COST				
18	Landed Cost of Oil (LDO/HFO) (2+17) / (1+7)	Rs/KL	75,539.74	0.00
19	Blending Ratio		1.00	0.00
20	Weighted average cost of Oil		75,539.74	
F) QUALITY				
21	GCV of Oil of the opening stock as per bill of Oil company	(Kcal/Ltr)	NA	NA
22	GCV of oil supplied as per bill of oil company	(Kcal/Ltr)	NA	NA
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Ltr)		
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Ltr)		
25	Weighted average GCV of Oil as billed	(Kcal/Ltr)	NA	NA
26	GCV of Oil of the Opening stock as received at station	(Kcal/Ltr)	NA	NA
27	GCV of Oil supplied (LDO/HFO)	(Kcal/Ltr)	9555	0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Ltr)		
29	GCV of Imported coal supplied as received at station	(Kcal/Ltr)		
		(Kcal/Ltr)	9555	0
30	Weighted average GCV of Oil (LDO/HFO)	(Kcal/Ltr)	9555	

Details of Sourcewise fuel for computation of Energy Charges

FORM -15 A

Company		NTPC		
Name of the generating Station		SOLAPUR STAGE I		
Month		Nov-2023		
SL	Particulars	Unit		
A) OPENING QUANTITY		LDO	HFO	
1	Opening Stock of Oil	KL	2,753.19	0.00
2	Value of Stock	Rs	20,79,75,397	0
B) QUANTITY				
3	Quantity of Oil supplied by Oil Company	KL	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.00	0.00
5	Coal supplied by Oil Company (3+4)	KL	0.00	0.00
6	Normative transit & Handling losses	KL	NA	NA
7	Net Oil supplied (5 - 6)	KL	0.00	0.00
C) PRICE				
8	Amount charged by the Oil Company	Rs	0	0
9	Adjustment (+ / -) in amount charged by Oil Company	Rs	0	0
10	Handling, Sampling and such other Similar charges	Rs	0	0
11	Total Amount charged (8 +9+10)	Rs	0	0
D) TRANSPORTATION		Rs		
12	Transportation charges by Rail / Ship / Road Transport			
	By Rail	Rs	0	0
	By Road	Rs	0	0
	By Ship	Rs	0	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0	0
14	Demurrage charges, if any	Rs	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	0	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	0	0
17	Total amount charged for Oil supplied including transportation (11 + 16)	Rs	0	0
E) TOTAL COST				
18	Landed Cost of Oil (LDO/HFO) (2+17) / (1+7)	Rs/KL	75,539.74	0.00
19	Blending Ratio		1.00	0.00
20	Weighted average cost of Oil		75,539.74	
F) QUALITY				
21	GCV of Oil of the opening stock as per bill of Oil company	(Kcal/Ltr)	NA	NA
22	GCV of oil supplied as per bill of oil company	(Kcal/Ltr)	NA	NA
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Ltr)		
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Ltr)		
25	Weighted average GCV of Oil as billed	(Kcal/Ltr)	NA	NA
26	GCV of Oil of the Opening stock as received at station	(Kcal/Ltr)	NA	NA
27	GCV of Oil supplied (LDO/HFO)	(Kcal/Ltr)	9555	0
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Ltr)		
29	GCV of Imported coal supplied as received at station	(Kcal/Ltr)		
		(Kcal/Ltr)	9555	0
30	Weighted average GCV of Oil (LDO/HFO)	(Kcal/Ltr)	9555	

Details of Sourcewise fuel for computation of Energy Charges

FORM -15 A

Company		NTPC	
Name of the generating Station		SOLAPUR STAGE I	
Month		Dec-2023	
SL	Particulars	Unit	
		LDO	HFO
A) OPENING QUANTITY			
1	Opening Stock of Oil	KL	2,619.60
2	Value of Stock	Rs	19,78,83,666
B) QUANTITY			
3	Quantity of Oil supplied by Oil Company	KL	0.00
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.00
5	Coal supplied by Oil Company (3+4)	KL	0.00
6	Normative transit & Handling losses	KL	NA
7	Net Oil supplied (5 - 6)	KL	0.00
C) PRICE			
8	Amount charged by the Oil Company	Rs	0
9	Adjustment (+ / -) in amount charged by Oil Company	Rs	0
10	Handling, Sampling and such other Similar charges	Rs	0
11	Total Amount charged (8 +9+10)	Rs	0
D) TRANSPORTATION			
12	Transportation charges by Rail / Ship / Road Transport		
	By Rail	Rs	0
	By Road	Rs	0
	By Ship	Rs	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0
14	Demurrage charges, if any	Rs	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	0
17	Total amount charged for Oil supplied including transportation (11 + 16)	Rs	0
E) TOTAL COST			
18	Landed Cost of Oil (LDO/HFO) (2+17) / (1+7)	Rs/KL	75,539.74
19	Blending Ratio		1.00
20	Weighted average cost of Oil		75,539.74
F) QUALITY			
21	GCV of Oil of the opening stock as per bill of Oil company	(Kcal/Ltr)	NA
22	GCV of oil supplied as per bill of oil company	(Kcal/Ltr)	NA
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Ltr)	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Ltr)	
25	Weighted average GCV of Oil as billed	(Kcal/Ltr)	NA
26	GCV of Oil of the Opening stock as received at station	(Kcal/Ltr)	NA
27	GCV of Oil supplied (LDO/HFO)	(Kcal/Ltr)	9555
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Ltr)	
29	GCV of Imported coal supplied as received at station	(Kcal/Ltr)	
		(Kcal/Ltr)	9555
30	Weighted average GCV of Oil (LDO/HFO)	(Kcal/Ltr)	9555

Details of Sourcewise fuel for computation of Energy Charges

FORM -15 A

Company		NTPC	
Name of the generating Station		SOLAPUR STAGE I	
Month		Jan-2024	
SL	Particulars	Unit	
		LDO	HFO
A) OPENING QUANTITY			
1	Opening Stock of Oil	KL	2,213.69
2	Value of Stock	Rs	16,72,21,483
B) QUANTITY			
3	Quantity of Oil supplied by Oil Company	KL	0.00
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL	0.00
5	Coal supplied by Oil Company (3+4)	KL	0.00
6	Normative transit & Handling losses	KL	NA
7	Net Oil supplied (5 - 6)	KL	0.00
C) PRICE			
8	Amount charged by the Oil Company	Rs	0
9	Adjustment (+ / -) in amount charged by Oil Company	Rs	0
10	Handling, Sampling and such other Similar charges	Rs	0
11	Total Amount charged (8 +9+10)	Rs	0
D) TRANSPORTATION			
12	Transportation charges by Rail / Ship / Road Transport		
	By Rail	Rs	0
	By Road	Rs	0
	By Ship	Rs	0
13	Adjustment (+/-) in amount charged by railways / transport company	Rs	0
14	Demurrage charges, if any	Rs	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	Rs	0
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs	0
17	Total amount charged for Oil supplied including transportation (11 + 16)	Rs	0
E) TOTAL COST			
18	Landed Cost of Oil (LDO/HFO) (2+17) / (1+7)	Rs/KL	75,539.74
19	Blending Ratio		1.00
20	Weighted average cost of Oil		75,539.74
F) QUALITY			
21	GCV of Oil of the opening stock as per bill of Oil company	(Kcal/Ltr)	NA
22	GCV of oil supplied as per bill of oil company	(Kcal/Ltr)	NA
23	GCV of Imported coal of the opening coal stock as per bill of coal company	(Kcal/Ltr)	
24	GCV of Imported coal supplied as per bill of coal company	(Kcal/Ltr)	
25	Weighted average GCV of Oil as billed	(Kcal/Ltr)	NA
26	GCV of Oil of the Opening stock as received at station	(Kcal/Ltr)	NA
27	GCV of Oil supplied (LDO/HFO)	(Kcal/Ltr)	9552
28	GCV of Imported coal of the Opening stock as received at station	(Kcal/Ltr)	
29	GCV of Imported coal supplied as received at station	(Kcal/Ltr)	
		(Kcal/Ltr)	9552
30	Weighted average GCV of Oil (LDO/HFO)	(Kcal/Ltr)	9552

Details of Sourcewise fuel for computation of Energy Charges

Company	NTPC Limited
Name of the generating Station	Solapur STPP(STAGE 01)
Month	February-2024

SL	Particulars	Unit	LDO	HFO	HSD
A)	OPENING QUANTITY				
1	Opening Stock Of Oil	KL	1950.655	0.000	0.000
2	Value Of Stock	Rs.	147351964.00	0.00	0.00
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 Company	KL	0.000	0.000	0.000
5	Oil Supplied By Oil Company (3+4)	KL	0.000	0.000	0.000
6	Normative Transit & Handling Losses	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 By Oil Company	Rs.	0.00	0.00	0.00
10	Handling, Sampling And Such Other Similar Charges	Rs.	0.00	0.00	0.00
11	Total Amount Charged (8 +9+10)	Rs.	0.00	0.00	0.00
D)	TRANSPORTATION				
12	Transportation Charges By Rail / Ship / Road Transport	Rs.	0.00	0.00	0.00
13	Adjustment (+/-) In Amount Charged By Railways/Transport	Rs.	0.00	0.00	0.00
14	Demurrage Charges, If Any	Rs.	0.00	0.00	0.00
15	Cost Of Diesel InTransporting Coal Through MGR System	Rs.	0.00	0.00	0.00
16	Total Transportation Charges (12+/- 13 - 14 + 15)	Rs.	0.00	0.00	0.00
17	Total Amount Charged For Oil Supplied Incl Transportation (11+16)	Rs.	0.00	0.00	0.00
E)	TOTAL COST				
18	Landed Cost Of Oil (LDO/HFO) (2+17) / (1+7)	Rs.	75539.74	0.00	0.00
19	Blending Ratio		1.000	0.000	0.000
20	Weighted Average Cost Of Oil	Rs.	75539.74		
F)	QUALITY				
21	GCV Of Oil Of The Opening Stock As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
22	GCV Of Oil Supplied As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
23	GCV Of Imported Oil Of The Op Stock As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
24	GCV Of Imported Oil Supplied As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
25	Weighted Average GCV Of Oil As Billed	Kcal/Ltr	0	0	0
26	GCV Of Oil Of The Opening Stock As Received At Station	Kcal/Ltr	0	0	0
27	GCV Of Oil Supplied	Kcal/Ltr	9605	0	0
28	GCV Of Imported Oil Of The Opening Stock As Received At Station	Kcal/Ltr	0	0	0
29	GCV Of Imported Oil Supplied As Received At Station	Kcal/Ltr	0	0	0
30	Weighted Average GCV Of Oil	Kcal/Ltr	9605		

Submitted on :01.03.2024

Details of Sourcewise fuel for computation of Energy Charges

Company	NTPC Limited
Name of the generating Station	Solapur STPP(STAGE 01)
Month	March-2024

SL	Particulars	Unit	LDO	HFO	HSD
A)	OPENING QUANTITY				
1	Opening Stock Of Oil	KL	1766.481	0.000	0.000
2	Value Of Stock	Rs.	133439508.00	0.00	0.00
B)	QUANTITY				
3	Quantity Of Oil Supplied By Oil Company	KL	2463.950	0.000	0.000
4	Adjustment (+/-) In Quantity Supplied Made By Oil Company	KL	0.000	0.000	0.000
5	Oil Supplied By Oil Company (3+4)	KL	2463.950	0.000	0.000
6	Normative Transit & Handling Losses	KL	0.000	0.000	0.000
7	Net Oil Supplied (5 - 6)	KL	2463.950	0.000	0.000
C)	PRICE				
8	Amount Charged By The Oil Company	Rs.	188418651.00	0.00	0.00
9	Adjustment (+ / -) In Amount Charged By Oil Company	Rs.	0.00	0.00	0.00
10	Handling, Sampling And Such Other Similar Charges	Rs.	0.00	0.00	0.00
11	Total Amount Charged (8 +9+10)	Rs.	188418651.00	0.00	0.00
D)	TRANSPORTATION				
12	Transportation Charges By Rail / Ship / Road Transport	Rs.	0.00	0.00	0.00
13	Adjustment (+/-) In Amount Charged By Railways/Transport	Rs.	0.00	0.00	0.00
14	Demurrage Charges, If Any	Rs.	0.00	0.00	0.00
15	Cost Of Diesel InTransporting Oil Through MGR System	Rs.	0.00	0.00	0.00
16	Total Transportation Charges (12+/- 13 - 14 + 15)	Rs.	0.00	0.00	0.00
17	Total Amount Charged For Oil Supplied Incl Transportation (11+16)	Rs.	188418651.00	0.00	0.00
E)	TOTAL COST				
18	Landed Cost Of Oil (LDO/HFO) (2+17) / (1+7)	Rs.	76081.65	0.00	0.00
19	Blending Ratio		1.000	0.000	0.000
20	Weighted Average Cost Of Oil	Rs.	76081.65		
F)	QUALITY				
21	GCV Of Oil Of The Opening Stock As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
22	GCV Of Oil Supplied As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
23	GCV Of Imported Oil Of The Op Stock As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
24	GCV Of Imported Oil Supplied As Per Bill Of Oil Company	Kcal/Ltr	0	0	0
25	Weighted Average GCV Of Oil As Billed	Kcal/Ltr	0	0	0
26	GCV Of Oil Of The Opening Stock As Received At Station	Kcal/Ltr	0	0	0
27	GCV Of Oil Supplied	Kcal/Ltr	9608	0	0
28	GCV Of Imported Oil Of The Opening Stock As Received At Station	Kcal/Ltr	0	0	0
29	GCV Of Imported Oil Supplied As Received At Station	Kcal/Ltr	0	0	0
30	Weighted Average GCV Of Oil	Kcal/Ltr	9608		

Submitted on :01.04.2024