

BEFORE THE 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-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 for approval of tariff of Tanda Super Thermal Power Station, Stage-II (2 X 660 MW) for the period from anticipated date of Commercial Operation of the Unit-I (i.e. 01.11.2019) to 31.03.2024.

Index

<u>S</u> <u>No.</u>	<u>Particulars</u>	<u>P. Nos</u>
1	Petition for determination of tariff of Tanda STPS, Stage-II (2 X 660 MW) for the period from anticipated COD of Unit-I (i.e. 01.11.2019) to 31.03.2024.	1-11
2	Affidavit	12-13
3	Appendix-I: Tariff Forms	14-120
4	Annexure-A:	121-122
5	Annexure-B:	123
6	Annexure-C:	124
7	Sub-delegation of Power	125-131
8	Form-I	132

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NEW DELHI

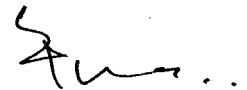
PETITION NO:

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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. Uttar Pradesh Power Corp. Ltd (UPPCL)
Shakti Bhawan
14, Ashok Marg
Lucknow – 226 001 (UP)
 2. Uttarakhand Power Corporation Ltd. (UPCL)
Urja Bhawan, Kanwali Road
Dehradun – 248 001
 3. Rajasthan Urja Vikas Nigam Limited (RUVNL)
Vidyut Bhawan, Janpath,
Jaipur – 302 005 (Rajasthan)
 4. Power Development Department (PDD)
Govt. of J&K, Civil Secretariat,
Srinagar
 5. Haryana Power Purchase Centre (HPPC)
Shakti Bhawan, Sector – 6,
Panchkula, Haryana – 134 109



6. Electricity Department (Chandigarh)
Union Territory of Chandigarh
Addl. Office Building
Sector-9 D, Chandigarh

The Petitioner humbly states that:

- 1) The Petitioner herein NTPC Ltd, hereinafter called 'NTPC', is a Government Company within the meaning of the Companies Act, 1956. Further, it is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.
- 2) The Petitioner is having various power stations/projects throughout the country. Tanda Super Thermal Power Station (hereinafter referred as 'Tanda STPS, Stage-II') comprising two units, each of 660 MW, is one such project of the Petitioner located in Ambedkar nagar district of Uttar Pradesh.
- 3) Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 (hereinafter referred as 'Tariff Regulations 2019') for a period of 5 years which have come into force from 01.04.2019 and specified the terms & conditions and methodology of tariff determination for the generating station/ transmission licensee. The Petitioner is filing the present petition for determination of tariff of Tanda STPS, Stage-II for the period from anticipated date of Commercial Operation of Unit-I (i.e. 01.11.2019) to 31.03.2024 as per the Tariff Regulations, 2019 .
- 4) The power generated from Tanda STPS, Stage-II shall be supplied to the respondents mentioned hereinabove. Further, the Ministry of Power, Government of India vide its allocation letter dtd. 18.05.2017, has allocated the power generated from this station amongst beneficiaries of Northern Region. A copy of the letter is enclosed at **Annexure-A**.
- 5) The investment approval of the Tanda STPS, Stage-II project was accorded by NTPC Board at its 411th meeting held on 10.09.2014, at a completed project cost of Rs 10016.10 Cr as of price level of 2nd quarter 2014.

Accordingly, the zero date of the project is 10.09.2014. A copy of the NTPC Board Resolution is enclosed at Annexure-B.

- 6) The Hon'ble Commission, under Section 79(1)(a) and 62 of Electricity Act, 2003, is vested with the jurisdiction to regulate/determine the tariff of the Generating Companies owned or controlled by the Central Government.
- 7) The present petition is being filed as per the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 along with the tariff forms as prescribed in the said regulation for the coal based thermal generating stations and also as per the Central Electricity Regulatory Commission (Procedure for making of application for determination of tariff, publication and other related matters) Regulations, 2004. These relevant tariff forms are enclosed as Appendix-I, with computation of tariff from the date of anticipated COD of first unit i.e. 01.11.2019 of Tanda STPS, Stage-II.
- 8) It is further submitted that the present petition is being filed for the Tariff determination of Unit-I of Tanda STPS, Stage-II. Unit-2 of Tanda STPS, Stage-II is anticipated to be declared under Commercial Operation on 01.04.2020. The projected capital expenditure pertaining to Unit-II and additional capital expenditure for the period 2020-24 shall be submitted along with the amended Tariff petition after COD of Unit-I is achieved.
- 9) The tariff claimed is based on expected capitalization as on anticipated COD of Unit-I (ie 01.11.2019) and the projected additional capital expenditure up to 31.03.2020 against the works within the original scope of work pertaining to Unit-I of Tanda STPS, Stage-II in accordance with Regulation 24 of the Tariff Regulations, 2019. The total capital expenditure to be incurred up to 31.03.2020 is based on provisional estimate and actual expenditure in respect of instant station shall be submitted before the Hon'ble Commission after actual COD of the station and at the time of truing up along with audited financial statements.



- 10) The Petitioner has filled details in Form 4 (Details of Foreign Loans) considering Exchange Rate as Rs 69.77 per US Dollar, Rs 78.84 per Euro and Rs 0.6343 per JPY as on 31.03.2019 as the Base Exchange rate. However, any variation in capital cost shall be submitted at the time of truing up based on actual IDC and FERV applicable up to COD. Further, extra rupee liability towards interest payment and loan repayment in the relevant years shall be recoverable / payable w.r.t. to exchange rate as applicable on COD as per provisions of Tariff Regulations 2019.
- 11) It is further submitted that in the erstwhile IGAAP, the expenses paid upfront for the issuance of loan were accounted as and when incurred and the same were used to be claimed as a part of IDC during construction period. Under IndAS the upfront expenditure pertaining to expenses for issuance of bond/ loan is to be amortised over the tenure of the loan resulting in part capitalization as IDC till construction period. Since actual cash expenditure upto COD is to be included in capital cost, petitioner has included the unamortized part of bond issue expenses as part of capital cost. Hon'ble Commission may be pleased to allow the same.
- 12) During construction period, in the erstwhile IGAAP as per Para 46A of AS-11, FERV on loan was to be capitalized and accordingly the same was claimed as part of capital cost. However, as per IndAS FERV on Foreign currency loans drawn after 01.04.2016 shall not form part of Gross Block and shall be charged to the statement of Profit & Loss as Borrowing cost/FERV. Further, as per Clause 19(2)(C) of Tariff Regulations 2019, any gain or loss on account of foreign exchange risk variation pertaining to the loan availed during the construction period shall form part of capital cost. Accordingly, the FERV incurred during construction period on Foreign currency loan drawn after 01.04.2016 charged to P&L has been considered in the capital cost.
- 13) In terms of above, ERV gain of Rs 4447.64 Lakh on Loan drawn after 01.04.2016 transferred to profit & loss account up to 31.03.2019 and the same has been adjusted with capital cost of the project. Further, as per the accounting guidelines issued by ICAI, the company has charged FERV gain

of Rs 188.77 Lakh as Short Term ERV. The ERV gain/ deficit upto the actual COD shall be claimed based on audited financial statements on actual COD of UNIT-I.

- 14) In terms of Regulation 19(2)(b), equity deployed in excess of 30% of the fund deployed has been considered as normative loan and notional IDC of Rs 962.85 Lakh up to 31.03.2019 has been considered as part of the capital cost of the project. Notional IDC, if any, upto the actual COD shall be claimed based on audited financial statements.
- 15) As per Regulation-31 of CERC Tariff Regulations 2019, the effective Tax rate is to be considered for computation of Rate of pre-tax ROE. In the instant Petition, the effective tax rate of 17.4722% has been considered as the tax rate pertaining to FY 2018-19 for computation of ROE for the period 2019-24. However, the same shall be revised on year on year basis at the time of truing up, subject to retrospective adjustment.
- 16) As per Regulation 35(1)(6) of the Tariff Regulations 2019, the water charges, security 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 allocation, rate of water charges as applicable for 2019-20 have been furnished below. In accordance with provision of the Regulations, the petitioner shall be furnishing the details of actual water charges 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
Type of cooling water system	Closed Circuit Cooling System
Allocation of Water for Tanda STPS, Stage-II	40 Cusec
Rate of Water charges	Rs 12.48 / 1000 Cubic feet
Rate of Royalty charges	Rs 6 Lakh/Cusec/year
Total Yearly Water Charges as per allocation	Rs. 164 Lakh

The relevant document is attached at Annexure-C.

- 17) In accordance with the provisions of the Regulations 35(1)(6), the petitioner is furnishing the details of Security Expenses incurred at Tanda STPS, Stage-II during last financial years as below:

FY	Security Expenses (Rs Lakh)
2018-19	1375.00

On the basis of estimated security expenses for FY 2019-20, the provisional claim of security expenses under O&M expenses for the period from COD of UNIT-I to 31.03.2024 is being made by the Petitioner. As per the regulation, the actual expenses shall be provided for year on year basis at the time of truing up and the same shall be subject to retrospective adjustment. Hon'ble Commission may be pleased to allow projected expenses under the head of O&M expenses.

- 18) As per the Regulation 34(2) of CERC Tariff Regulations 2019, the coal cost for working capital has been provided as below:

Quote

"The cost of fuel in cases covered under sub-clauses (a) and (b) of clause (1) of this Regulation shall be based on the landed fuel cost (taking into account normative transit and handling losses in terms of Regulation 39 of these regulations) by the generating station and gross calorific value of the fuel as per actual weighted average for the third quarter of preceding financial year in case of each financial year for which tariff is to be determined:

Provided that in case of new generating station, the cost of fuel for the first financial year shall be considered based on landed fuel cost (taking into account normative transit and handling losses in terms of Regulation 39 of these regulations) and gross calorific value of the fuel as per actual weighted average for three months, as used for infirm power, preceding date of commercial operation for which tariff is to be determined."

Unquote

The Petitioner has claimed the coal cost in working capital as per the above proviso.

- 19) It is further submitted that the petitioner shall approach Hon'ble Commission with a separate petition for determination of Supplementary Tariff with respect to implementation of various systems in compliance of revised emission standards pertaining to the Environmental Control System (ECS)

in line with the Regulation 14(2) read with Regulation 24 of Tariff Regulations, 2019. The petitioner seeks liberty to file the details of ECS in terms of Regulations 29 along with the revised petition to be filed upon actual COD along with audited Financial Statements.

20) **Ash Transportation costs :**

It is submitted that a notification dated 25.01.2016 has been issued by Government of India, Ministry of Environment, Forest & Climate Change (MOEFCC) under the statutory provisions of Environment (Protection) Act 1986. The said notification of MOEFCC prescribed for sharing of transportation cost of Fly Ash generated at power stations with the users of Fly Ash. In this regard, Petitioner filed a petition, being no. 172/MP/2016, before the Hon'ble Commission seeking reimbursement of the additional expenditure for Fly Ash Transportation directly from the beneficiaries as the same was in the nature of statutory expense. Hon'ble Commission vide order dated 05.11.2018 disposed of the said petition and directed as follows:

"31. Accordingly, we in exercise of the regulatory power hold that the actual additional expenditure incurred by the Petitioner towards transportation of ash in terms of the MOEFCC Notification is admissible under "Change in Law" as additional O&M expenses. However, the admissibility of the claims is subject to prudence check of the following conditions on case to case basis for each station:

- a) Award of fly ash transportation contract through a transparent competitive bidding procedure. Alternatively, the schedule rates of the respective State Governments, as applicable for transportation of fly ash.*
- b) Details of the actual additional expenditure incurred on Ash transportation after 25.1.2016, duly certified by auditors.*
- c) Details of the Revenue generated from sale of fly ash/ fly ash products and the expenditure incurred towards Ash utilisation up to 25.1.2016 and from 25.1.2016 to till date, separately.*
- d) Revenue generated from fly Ash sales maintained in a separate account as per the MoEF notification.*

32. The Petitioner is granted liberty to approach the Commission at the time of revision of tariff of the generating stations based on trueing –up exercise for the period 2014-19 in terms of Regulation 8 of the 2014 Tariff Regulations along with all details / information, duly certified by auditor."



The expenditure towards the ash transportation charges are recurring in nature. The Petitioner has been incurring ash transportation expenditure in some of its stations in the current tariff period also. In case the same is permitted to be recovered at the end of the tariff period 2019-24, there will be additional liability on the beneficiary on account of the interest payment for the period till the time the true-up petitions for the period 2019-24 is decided. To avoid the interest payment liability of the beneficiaries it is prayed that the petitioner may be allowed to recover/ pass on the ash transportation charges after adjusting the revenue earned from sale of ash at the end of each quarter of financial year subject to true-up at the end of the period.

- 21) It is submitted that as per the investment approval dated 10.09.2014 accorded by NTPC board of Directors for Tanda STPS, Stage-II, the commercial operation of 1st unit of Tanda STPS, Stage-II (2x660 MW) was envisaged in 52 months i.e Jan'19 and the 2nd unit 6 months thereafter i.e. July'19. Tanda STPP, Stage-II has been considered as a greenfield project in the investment approval.

However, due to delay in various activities during project execution on account of force majeure factors, including delay in land acquisition, Non-availability of sand for prolonged durations due to imposition of blanket ban on mining and sale of sand in and around River basin by UP Govt under direction of NGT, heavy rainfall etc, which were beyond the control of the petitioner, have led to the delay in the Commercial Operation of 1st Unit of Tanda STPS, Stage-II.

It is submitted that the reasons mentioned above were beyond reasonable control of the Petitioner and have created major hurdles in project execution. In view of these reasons indicated in above paras, Hon'ble Commission may be pleased to condone the delay in declaring (anticipated) COD of Unit-1 of Tanda STPS, Stage-II. It is further submitted that the Petitioner would submit detailed reasons of delay in declaring commercial operation of Unit # 1 at the time of revised petition based on actual COD of the unit.

- 22) It is submitted that the petitioner has deposited the requisite filing fee of Rs 15,00,000 only (UTR No. CMS1247492846 dated 24.09.2019 paid from ICICI Bank) in accordance with CERC (Payment of Fees) Regulations, 2012 and same is being filed as Form-I accompanied with the petition. It is further submitted that the filing fee for the subsequent years shall be deposited as per the prevailing regulations, after adjustment of fees payable for 2019-20 based on the actual COD of the respective unit(s).
- 23) At present, the instant petition is being filed under Regulation 9(1) of Tariff Regulations 2019 seeking approval of tariff of Tanda STPS, Stage-II from date of anticipated COD of the Unit-I (i.e. 01.11.2019) to 31.03.2024. Further, it is submitted that since Unit -1 of Tanda STPS, Stage-II is likely to be declared under COD shortly as above and disposing the instant petition may take some time, NTPC prays that the Hon'ble Commission may be pleased to grant tariff on provisional basis to facilitate for billing of energy supplied to various beneficiaries after the COD of the unit based on the capital cost/ annual fixed charges claimed in the instant petition for the period till final tariff as per CERC Tariff Regulations 2019 is determined by the Hon'ble Commission.
- 24) Actual expenses on publication of notices in newspapers, as per the Central Electricity Regulatory Commission (Procedure for making of application for determination of tariff, publication and other related matters) Regulations, 2004 and Regulation 70 of Tariff Regulations 2019, may be allowed to be recovered from beneficiaries / respondents.
- 25) It is submitted that the Hon'ble Commission may grant the interim tariff for the instant station considering the submissions made by the Petitioner in the instant station as per the Regulation 10(3) of CERC (Terms & Conditions of Tariff) Regulations 2019.



- 26) The Petitioner craves leave of the Hon'ble Commission to make / submit additional submissions/ documents in support and oral submissions in this regard.

Prayer

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

- i) Approve / determine the capital cost and tariff of Tanda STPS, Stage-II for 2019-24 Tariff period, taking into account the submissions made herein above, in the Forms and Annexures filed herewith permitting the Petitioner to recover Annual Fixed Cost.
- ii) Condone the delay in declaration of commercial operation of Unit-I.
- iii) Grant interim order under Regulation 10(3) of Tariff Regulations 2019 to facilitate billing and allow the Petitioner to provisionally charge tariff from its actual date of Commercial Operation as per this petition till the time the tariff for Tanda STPS, Stage-II (2 x 660 MW) is determined by Hon'ble Commission.
- iv) Grant liberty to the petitioner to approach the Hon'ble Commission seeking approval for implementation of various systems in the instant station to comply with revised emission standards.
- v) Grant liberty to the petitioner to approach the Hon'ble Commission for claiming the Ash Transportation Charges (under O&M expenses) as part of Annual Fixed Charges (AFC).
- vi) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and the publication expenses from the beneficiaries.
- vii) Allow reimbursement of Ash Transportation Charges directly from the beneficiaries quarterly on net basis
- viii) Pass any other order as it may deem fit in the circumstances mentioned above.


(Petitioner)

New Delhi

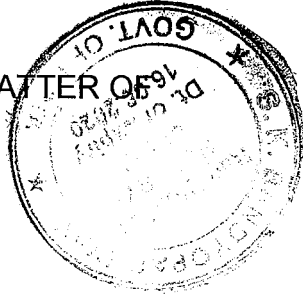
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BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO:

IN THE MATTER OF



Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 for approval of tariff of Tanda Super Thermal Power Station, Stage-II (2 X 660 MW) for the period from anticipated date of Commercial Operation of the Unit-I (i.e. 01.11.2019) to 31.03.2024.

AND

IN THE MATTER OF

Petitioner

:

NTPC Ltd.

NTPC Bhawan

Core-7, Scope Complex

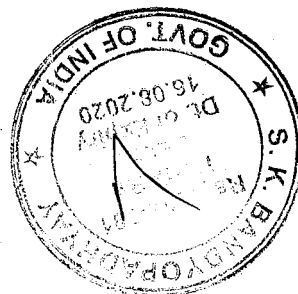
7, Institutional Area, Lodhi Road

New Delhi-110 003

Respondent:

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

.....
and Others



AFFIDAVIT



I, E. Prabhakara Rao, son of Late Shri E. K. Rama Sharma aged about 52 years resident of D-311, Parsvnath Prestige, Sector-93A, Noida (UP) solemnly affirm and state as follows:

1. That I am the Additional General Manager (Commercial) in Petitioner Corporation NTPC Ltd. and am well conversant with the facts of the case and am competent to swear the present affidavit.
2. The statement made in the accompanying Petition for approval of tariff of Tanda Super Thermal Power Station, Stage-II (2 X 660 MW) for the period from anticipated date of Commercial Operation of the Unit-I (i.e. 01.11.2019) to 31.03.2024 are based on the official records maintained during the ordinary course of business and believed by the deponent to be true.



Spr.
Deponent

Verification

I, the deponent above named, do hereby verify that the contents of the above affidavit are true to the best of my knowledge, no part of it is false and nothing material has been concealed there from.

Verified at New Delhi on this 23rd Oct, 2019

Spr.
Deponent

I identify the deponent / executant
Who has signed in my presence.

ATTESTED

NOTARY PUBLIC DELHI

23 OCT 2019

APPENDIX-I

S. M. S.

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##	Calculation of O&M expenses	✓
FORM-4	Details of Foreign loans	✓
FORM-4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	NA
FORM-6	Financial Package upto COD	✓
FORM-7	Details of Project Specific Loans	NA
FORM-8	Details of Allocation of corporate loans to various projects	✓
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 ¹	✓
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	**

Additional forms

** To be submitted at the time of truing 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	✓
FORM-B	Break-up of Capital Cost for Coal/Lignite based projects	✓
FORM-C	Break-up of Capital Cost for Gas/Liquid fuel based Projects	NA
FORM-D	Break-up of Construction/Supply/Service packages	✓
FORM-E	Details of variables , parameters , optional package etc. for New Project	✓
FORM-F	Details of cost over run	**
FORM-G	Details of time over run	**
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	✓
FORM-Q	Expenditure under different packages up to SCOD and up to Actual COD	**
FORM-R	Actual cash expenditure	**
FORM-S	Statement of Liability flow	**
FORM-T	Summary of issues involved in the petition	✓

** To be submitted at the time of truing up / COD of the station

S
(Petitioner)

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.	**
	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	**
4	Copies of the approval of Competent Authority for the Capital Cost and Financial package.	**
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	✓
7	Detailed note giving reasons of cost and time over run, if applicable.	**
	List of supporting documents to be submitted:	
	a. Detailed Project Report	
	b. CPM Analysis	
	c. PERT Chart and Bar Chart	
d. Justification for cost and time Overrun		
8	Generating Company shall submit copy of Cost Audit Report along with cost accounting records, cost details, statements, schedules etc. for the Generating Unit wise /stage wise/Station wise/ and subsequently consolidated at Company level as submitted to the Govt. of India for first two years i.e. 2019-20 and 2020-21 at the time of mid-term true-up in 2021-22 and for balance period of tariff period 2019-24 at the time of final true-up in 2024-25. In case of initial tariff filing the latest available Cost Audit Report should be furnished.	**
9	Any other relevant information, (Please specify)	NA
10	Reconciliation with Balance sheet of any actual additional capitalization and amongst stages of a generating station	**
11	BBMB is maintaining the records as per the relevant applicable Acts. Formats specified herein may not be suitable to the available information with BBMB. BBMB may modify the formats suitably as per available information to them for submission of required information for tariff purpose.	NA

** To be submitted at the time of truing up/ COD of the station


(Petitioner)

Summary of Tariff

PART-I
FORM- 1

Name of the Petitioner: NTPC Limited
 Name of the Generating Station: TANDA STPS Stage-II (2x660 MW)
 Place (Region/District/State): Northern Region/Ambedkarnagar District/Uttar Pradesh

S. No.	Particulars	Unit	Existing 2018-19	2019-20 (01.11.2019 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8	9
1.1	Depreciation	Rs Lakh		20,957.54	22,137.52	22,137.52	22,137.52	22,137.52
1.2	Interest on Loan	Rs Lakh		18,195.13	18,364.94	16,997.15	15,497.78	13,984.89
1.3	Return on Equity ¹	Rs Lakh		25,900.47	27,358.76	27,358.76	27,358.76	27,358.76
1.4	Interest on Working Capital	Rs Lakh		5,155.96	5,220.56	5,224.23	5,226.57	5,226.24
1.5	O&M Expenses	Rs Lakh		14,585.81	15,054.24	15,542.64	16,044.24	16,565.81
1.6	Special Allowance (If applicable)	Rs Lakh						
1.7	Compensation Allowance (If applicable -- relevant for column 4 only)	Rs. Lakh				NA		
	Total	Rs Lakh		84,794.90	88,136.02	87,260.30	86,264.86	85,273.22
	Additional Expenditures							
1.8	Ash Transportation Expenditure	Rs Lakh	Form-3A	8683.34	8620.59	8620.59	8620.59	8644.21
	Total Annual Fixed Charges	Rs Lakh		93478.24	96756.61	95880.89	94885.45	93917.43

Sm.

Name of the Petitioner: NTPC Limited

Name of the Generating Station: TANDA STPS Stage-II (2x660 MW)

Place (Region/District/State): Northern Region/Ambedkarnagar District/Uttar Pradesh

S. No.	Particulars	Unit	Existing 2018-19	2019-20 (01.11.2019 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
2.1	Landed Fuel Cost (coal/gas/RLNG/ liquid) as per FSA approved by beneficiaries	Rs/Ton	NA					
	(%) 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						
	Energy Charge Rate ex-bus (Paise/kWh)	Rs/Unit						
			0.0241					
							2.336	

Shall be submitted at the time of truing up


(Petitioner)

**PART-I
FORM-I(I)**

Name of the Petitioner: **NTPC Limited**
 Name of the Generating Station: **TANDA STPS Stage-II (2 x 660 MW)**

(Amount in Rs Lakh)

		<u>Statement showing claimed capital cost – (A+B)</u>						
S. No.	Particulars	2019-20 (01.11.2019 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24		
1	2	3	4	5	6	7		
1	Opening Capital Cost	4,33,787.23	4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21	
2	Add: Addition during the year/period	51,761.99	-	-	-	-	-	
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	4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21	
7	Average Capital Cost	4,59,668.22	4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21	

		<u>Statement showing claimed capital cost eligible for RoE at normal rate (A)</u>				
S. No.	Particulars	2019-20 (01.11.2019 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
i	Capital Cost as on COD of Unit-I	4,25,139.90				
ii	Notional IDC	962.85				
iii	ERV charged to Revenue	4636.41				

STW

S. No.	Particulars	2019-20 (01.11.2019 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
iv	Unamortized bond issue expenses	3048.07				
1	Opening Capital Cost	4,33,787.23	4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21
2	Add: Addition during the year / period	51,761.99	0	0	0	0
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	4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21
7	Average Capital Cost	4,59,668.22	4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21

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

S. No.	Particulars	2019-20 (01.11.2019 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	7	7
1	Opening Capital Cost					
2	Add: Addition during the year / period					
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					
7	Average Capital Cost					

Not Applicable

Name of the Petitioner: NTPC Limited
Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

Statement showing Return on Equity at Normal Rate

Sr	Particulars	2019-20 (01.11.2019 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
	Return on Equity					
1	Gross Opening Equity (Normal)	1,30,136.17	1,45,664.76	1,45,664.76	1,45,664.76	1,45,664.76
2	Less: Adjustment in Opening Equity					
3	Adjustment during the year					
4	Net Opening Equity (Normal)	1,30,136.17	1,45,664.76	1,45,664.76	1,45,664.76	1,45,664.76
5	Add: Increase in equity due to addition during the year / period	15,528.60	-	-	-	-
6	Less: Decrease due to De-capitalisation during the year / period	-	-	-	-	-
7	Less: Decrease due to reversal during the year / period	-	-	-	-	-
8	Add: Increase due to discharges during the year / period	-	-	-	-	-
9	Net closing Equity (Normal)	1,45,664.76	1,45,664.76	1,45,664.76	1,45,664.76	1,45,664.76
10	Average Equity (Normal)	1,37,900.47	1,45,664.76	1,45,664.76	1,45,664.76	1,45,664.76
11	Rate of ROE	18.782%	18.782%	18.782%	18.782%	18.782%
12	Total ROE	25,900.47	27,358.76	27,358.76	27,358.76	27,358.76

(Petitioner)

Name of the Petitioner: NTPC Limited
Name of the Generating Station: TANDA TPS Stage-II (2x660 MW)

Plant Characteristics

Unit(s)/Block(s)/Parameters	Unit-I	Unit-II
Installed Capacity (MW)	660	660
Schedule COD as per Investment Approval	10.01.2019	6 months after COD of first unit
Actual COD /Date of Taken Over (as applicable)		
Pit Head or Non Pit Head	Non-Pit Head	
Name of the Boiler Manufacture	M/S L&T MHPS BOILERS PRIVATE LTD	
Name of Turbine Generator Manufacture	ALSTOM BHARAT FORGE POWER LIMITED	
Main Steams Pressure at Turbine inlet (kg/Cm ²) abs ¹ .	247	
Main Steam Temperature at Turbine inlet (°C) ¹	565	
Reheat Steam Pressure at Turbine inlet (kg/Cm ²) ¹	50.41	
Reheat Steam Temperature at Turbine inlet (°C) ¹	593	
Main Steam flow at Turbine inlet under MCR condition (tons /hr) ²	1892.076	
Main Steam flow at Turbine inlet under VWO condition (tons /hr) ²	2038.841	
Unit Gross electrical output under MCR /Rated condition (MW) ²	660	
Unit Gross electrical output under VWO condition (MW) ²	693	
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh) ³	1818	
Conditions on which design turbine cycle heat rate guaranteed		
% MCR	100	
% Makeup Water Consumption	0	
Design Capacity of Make up Water System (% of throttle steam flow)	3%	
Design Capacity of Inlet Cooling System-m ³ /hr	100%	
Design Cooling Water Temperature (°C)	33	
Back Pressure(mm Hg abs)	77	
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 (°C)	568	
Steam Temperature at Reheater outlet at BMCR condition (°C)	596	
Design / Guaranteed Boiler Efficiency (%)	85.61	
Design Fuel with and without Blending of domestic/imported coal (GCV) Domestic Design coal	domestic coal 3300 Kcal/kg	
Type of Cooling Tower	Natural Draft Cooling Tower (NDCT)	
Type of cooling system ⁵	Closed circuit cooling	
Type of Boiler Feed Pump ⁶	2 x 50% TDBFP, 1 x 30% MDBFP	

S. W.

22

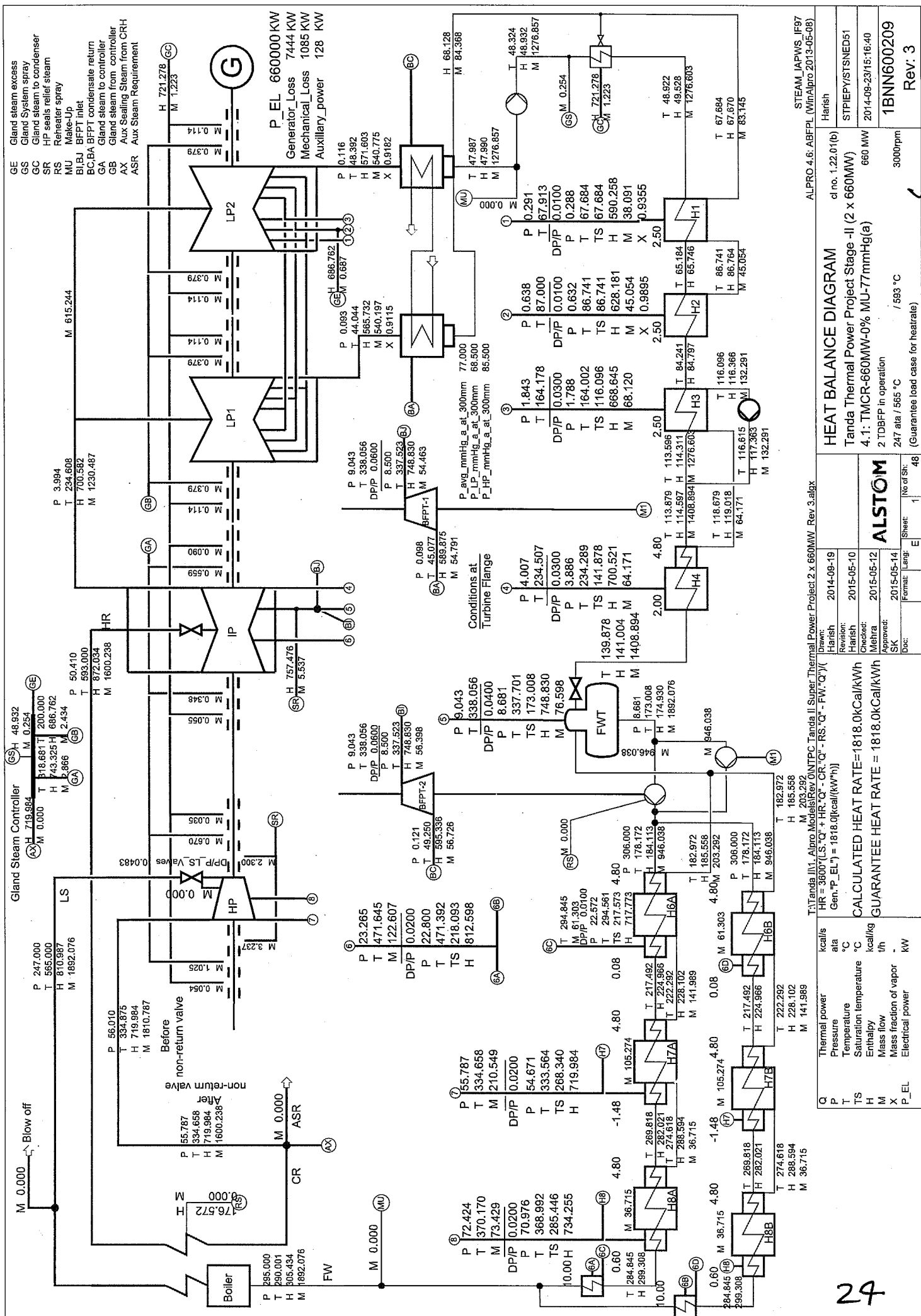
Name of the Petitioner: NTPC Limited
 Name of the Generating Station: TANDA TPS Stage-II (2x660 MW)

Plant Characteristics

Fuel Details⁷	
-Primary Fuel	COAL
-Secondary Fuel	LDO
-Alternate Fuels	N.A.
Types of SOX control system	FGD
Types of NOX control system	Shall be provided
Details of SPM control system	ESP
Special Features/Site Specific Features⁸	Make-up Water from Intake-Mehripur liftup Canal, Saryu River, HCSD System.
Special Technological Features⁹	
Environmental Regulation related features¹⁰	FGD, ESP, De-Nox, AAQMS, CEMS, ZLD envisaged
Any other special features	
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.	
9: Any Special Technological feature like Advanced class FA technology in Gas Turbines, etc.	
10: Environmental Regulation related features like FGD, ESP etc.,	

S. An.

23



GE Gland steam excess
 GS Gland System spray
 GC Gland steam to condenser
 SR HP seals relief steam
 RS Renerator spray
 MU Make-Up
 BI, BJ BFPT inlet
 BC, BA BFPT condensate return
 GA Gland steam to controller
 GB Gland steam from controller
 AX Aux Sealing Steam from CRH
 ASR Aux Steam Requirement

P_EL 660000 KW
 Generator Loss 7444 KW
 Mechanical Loss 1085 KW
 Auxiliary power 128 KW

STEAM_IAPWS_IF97
 ALPRO 4.6: ABFPL (MinAlpro 2013-05-08)
 Harish
 cl no. 1.22.01(b)
 STIPEY/ST/STNED51
 2014-09-23 16:16:40
 1BNN600209
 Rev: 3

HEAT BALANCE DIAGRAM
 Tanda Thermal Power Project Stage -II (2 x 660MW)
 4.1: TMCR-660MW-0% MU-77mmHg(a)
 2 TDBFP in operation
 247 ata / 565 °C
 / 953 °C
 3000ppm

ALSTOM	
Format: Lang: E	Sheet: 1
No of Sh: 48	

Thermal power	kcal/s	1818.0
Pressure	ata	247
Temperature	°C	565
Saturation temperature	°C	274
Enthalpy	kcal/kg	1818.0
Mass flow	t/h	1818.0
Mass fraction of vapor		
Electrical power	kw	660

T: Tanda III: Alpro Model: Rev 01 NTPC Tanda II Super Thermal Power Project 2 x 660MW Rev 3.alp	
HR = 3600*(LS, Q ⁺ + HR, Q ⁻ - CR, Q ⁻ - RS, Q ⁻ - FW, Q ⁻)	Drawn: Harish
Gen. P _{EL} = 1818.0 kcal/(KWh)	Revision: Harish
CALCULATED HEAT RATE = 1818.0 kcal/KWh	2014-08-19
GUARANTEE HEAT RATE = 1818.0 kcal/KWh	2015-05-10
	2015-05-12
	2015-05-14
	Doc: 1

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Normative parameters considered for tariff computations

Name of the Petitioner: NTPC Limited

Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

Particulars	Unit	Existing 2018-19	2019-20 (01.11.2019 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
Base Rate of Return on Equity	%		15.50%	15.50%	15.50%	15.50%	15.50%
Base Rate of Return on Equity on Add. Capitalization	%		15.50%	15.50%	15.50%	15.50%	15.50%
Effective Tax Rate 1	%		17.4720%	17.4720%	17.4720%	17.4720%	17.4720%
Target Availability							
In High Demand Season	%		85.00%	85.00%	85.00%	85.00%	85.00%
Peak Hours	%		85.00%	85.00%	85.00%	85.00%	85.00%
Off-Peak Hours	%		85.00%	85.00%	85.00%	85.00%	85.00%
In Low Demand Season(Off-Peak)	%		85.00%	85.00%	85.00%	85.00%	85.00%
Peak Hours	%		85.00%	85.00%	85.00%	85.00%	85.00%
Off-Peak Hours	%		85.00%	85.00%	85.00%	85.00%	85.00%
Auxiliary Energy Consumption	%		5.75%	5.75%	5.75%	5.75%	5.75%
Gross Station Heat Rate	kCal/kWh		2,229.76	2,229.76	2,229.76	2,229.76	2,229.76
Specific Fuel Oil Consumption	ml/kWh		0.5	0.5	0.5	0.5	0.5
Cost of Coal/Lignite for WC	in Days		50	50	50	50	50
Cost of Main Secondary Fuel Oil for WC	in Months		2	2	2	2	2
O&M Expenses	Rs lakh / MW		20.26	20.97	21.71	22.47	23.26
Maintenance Spares for WC	% of O&M		20%	20%	20%	20%	20%
Receivables for WC	in Days		45	45	45	45	45
Storage capacity of Primary fuel	MT		7,65,000	7,65,000	7,65,000	7,65,000	7,65,000
SBI 1 Year MCLR plus 350 basis point	%		12.05%	12.05%	12.05%	12.05%	12.05%

Name of the Petitioner: NTPC Limited

Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

Particulars	Unit	Existing 2018-19	2019-20 (01.11.2019 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
Blending ratio of domestic coal/imported coal			NA	NA	NA	NA	NA

Note:

1. Effective tax rate is to be trued up in accordance with Regulation.

S. V. S.
Petitioner

Calculation of O&M Expenses

Name of the Petitioner: NTPC Limited
Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

		Rs in Lakh				
S.No.	Particulars	2019-20 (01.11.2019 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	7	8
1	O&M expenses under Reg 35(1)	13371.60	13840.20	14328.60	14830.20	15351.60
2	O&M expenses under Reg 35(6)					
2a	Water Charges \$\$	164.21	164.04	164.04	164.04	164.21
2b	Security expenses	1050.00	1050.00	1050.00	1050.00	1050.00
2c	Capital Spares Consumed ##					
	Total O&M Expenditure	14585.81	15054.24	15542.64	16044.24	16565.81
3	Additional O&M Expenditures					
3a	Ash Transportation Expenditure	8683.34	8620.59	8620.59	8620.59	8644.21
3	Total Additional O&M Expenditures	8683.34	8620.59	8620.59	8620.59	8644.21

\$\$ Water Charge is calculated based on PLF of 85 % and Normative Sp. Water Consumption of 3.0 Ltr/kWh.

Shall be claimed at the time of truing -up


Petitioner

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

NTPC Limited
Tanda II

01-10-2019 USD = Rs. 71.59 EUR = Rs. 78.53 JPY = Rs. 0.66500
01-10-2019-31-03-2024

2019-20 (01.10.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)				
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	
01-10-2019	141.30	71.59	10,115.34		141.30	71.59	10,115.34		141.30	71.59	10,115.34									
26-03-2020	35.32	71.59	2,528.84	26-03-2021	105.97	71.59	7,586.51	26-03-2021	105.97	71.59	7,586.51									
01-10-2019	141.30	71.59	10,115.34	01-04-2020	2,528.84	71.59	180,844.76	01-04-2021	35.32	71.59	2,528.84									
26-09-2020	35.32	71.59	2,528.84	26-09-2021	35.32	71.59	2,528.84	26-09-2021	35.32	71.59	2,528.84									
15-07-2019	-	71.59	-	26-09-2020	1.88	71.59	134.27	26-09-2021	0.83	71.59	59.46									
15-07-2019	-	71.59	-	26-09-2020	0.11	71.59	7.75	26-09-2021	0.04	71.59	2.56									
26-03-2020	35.32	71.59	2,528.84	26-09-2021	35.32	71.59	2,528.84													
26-03-2020	3.47	71.59	248.10	26-03-2021	1.23	71.59	88.05													
26-03-2020	0.20	71.59	14.33	26-03-2021	0.07	71.59	5.09													
31-03-2020	105.97	71.59	7,587	31-03-2021	35.32	71.59	2,528.84	31-03-2022	-	71.59	-									

2019-20 (01.10.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
01-10-2019	256.85	71.59	18,388	01-10-2019	256.85	71.59	18,388	01-10-2019	256.85	71.59	18,388	01-10-2019	256.85	71.59	18,388	01-10-2019	256.85	71.59	18,388
26-03-2020	71.59	71.59	5,115.21	26-11-2019	5.62	71.59	402	26-05-2021	5.62	71.59	402	26-05-2022	5.62	71.59	402	26-05-2023	5.62	71.59	402
01-10-2019	256.85	71.59	18,388	01-04-2020	256.85	71.59	18,388	01-04-2021	256.85	71.59	18,388	01-04-2022	256.85	71.59	18,388	01-04-2023	256.85	71.59	18,388
26-03-2020	71.59	71.59	5,115.21	26-05-2020	0.32	71.59	23	26-05-2021	0.32	71.59	23	26-05-2022	0.32	71.59	23	26-05-2023	0.32	71.59	23
26-03-2020	71.59	71.59	5,115.21	26-05-2020	0.32	71.59	23	26-05-2021	0.32	71.59	23	26-05-2022	0.32	71.59	23	26-05-2023	0.32	71.59	23
26-11-2019	1.72	71.59	123	26-11-2020	5.62	71.59	402	26-11-2021	5.62	71.59	402	26-11-2022	5.62	71.59	402	26-11-2023	5.62	71.59	402
26-11-2019	0.10	71.59	7	26-11-2020	0.32	71.59	23	26-11-2021	0.32	71.59	23	26-11-2022	0.32	71.59	23	26-11-2023	0.32	71.59	23
31-03-2020	256.85	71.59	18,388	31-03-2021	256.85	71.59	18,388	31-03-2022	256.85	71.59	18,388	31-03-2023	256.85	71.59	18,388	31-03-2024	256.85	71.59	18,388

Signature

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

NTPC Limited
Tanda II

01.10.2019 USD = Rs. 71.59 EUR = Rs. 78.53 JPY = Rs. 0.66500
01.10.2019-31.03.2024

2019-20 (01.10.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)							
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)				
01-10-2019	30,157	0.67	20,054.11	01-10-2019	30,157	0.67	20,054.11	01-10-2019	30,156.55	0.67	20,054.11	01-10-2019	30,156.55	0.67	20,054.11	01-10-2019	30,156.55	0.67	20,054.11				
11-10-2019	30,157	0.67	20,054.11	11-10-2020	30,157	0.67	20,054.11	11-10-2021	30,156.55	0.67	20,054.11	11-10-2021	30,156.55	0.67	20,054.11	11-10-2022	30,156.55	0.67	20,054.11	11-10-2022	30,156.55	0.67	20,054.11
01-10-2019	30,157	0.67	20,054.11	01-04-2020	30,157	0.67	20,054.11	01-04-2021	30,156.55	0.67	20,054.11	01-04-2022	30,156.55	0.67	20,054.11	01-04-2023	30,156.55	0.67	20,054.11	01-04-2024	30,156.55	0.67	20,054.11
	0.67			13-04-2020	148	0.67	98.09	13-04-2021	148	0.67	98.09	13-04-2022	148	0.67	98.09	13-04-2023	148	0.67	98.09	13-04-2024	148	0.67	98.09
	0.67			13-04-2020	9	0.67	5.67	13-04-2021	9	0.67	5.67	13-04-2022	9	0.67	5.67	13-04-2023	9	0.67	5.67	13-04-2024	9	0.67	5.67
	0.67			11-10-2019	8	0.67	96.49	11-10-2021	145	0.67	96.49	11-10-2022	145	0.67	96.49	11-10-2023	145	0.67	96.49	11-10-2024	145	0.67	96.49
11-10-2019	0	0.67	0	11-10-2020	8	0.67	5.57	11-10-2021	8	0.67	5.57	11-10-2022	8	0.67	5.57	11-10-2023	8	0.67	5.57	11-10-2024	8	0.67	5.57
31-03-2020	30,157	0.67	20,054.11	31-03-2021	30,157	0.67	20,054.11	31-03-2022	30,156.55	0.67	20,054.11	31-03-2023	30,156.55	0.67	20,054.11	31-03-2024	30,156.55	0.67	20,054.11	31-03-2024	30,156.55	0.67	20,054.11

2019-20 (01.10.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
01-10-2019	37,513	0.67	24,946	01-10-2019	37,513	0.67	24,946	01-10-2019	37,513	0.67	24,946	01-10-2019	37,512.77	0.67	24,946	01-10-2019	37,512.77	0.67	24,946
11-10-2019	37,513	0.67	24,946	11-10-2020	37,513	0.67	24,946	11-10-2021	37,513	0.67	24,946	11-10-2022	37,512.77	0.67	24,946	11-10-2023	37,512.77	0.67	24,946
01-10-2019	37,513	0.67	24,946	01-04-2020	37,513	0.67	24,946	01-04-2021	37,513	0.67	24,946	01-04-2022	37,512.77	0.67	24,946	01-04-2023	37,512.77	0.67	24,946
	0.67			13-04-2020	184	0.67	123	13-04-2021	183	0.67	122	13-04-2022	183	0.67	122	13-04-2023	183	0.67	122
	0.67			13-04-2020	11	0.67	7	13-04-2021	11	0.67	7	13-04-2022	11	0.67	7	13-04-2023	11	0.67	7
	0.67			11-10-2019	10	0.67	7	11-10-2021	10	0.67	7	11-10-2022	10	0.67	7	11-10-2023	10	0.67	7
11-10-2019	10	0.67	7	11-10-2020	180	0.67	120	11-10-2021	180	0.67	120	11-10-2022	180	0.67	120	11-10-2023	180	0.67	120
11-10-2019	0	0.67	0	11-10-2020	10	0.67	7	11-10-2021	10	0.67	7	11-10-2022	10	0.67	7	11-10-2023	10	0.67	7
31-03-2020	37,513	0.67	24,946	31-03-2021	37,513	0.67	24,946	31-03-2022	37,513	0.67	24,946	31-03-2023	37,512.77	0.67	24,946	31-03-2024	37,512.77	0.67	24,946

2019-20 (01.10.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
01-10-2019	566.65	71.59	40,567	01-04-2019	566.65	71.59	40,567	01-04-2019	566.65	71.59	40,567	01-04-2018	566.65	71.59	40,567	01-04-2018	566.65	71.59	40,567
19-03-2020	566.65	71.59	40,567	19-03-2021	566.65	71.59	40,567	19-03-2021	566.65	71.59	40,567	19-03-2022	566.65	71.59	40,567	19-03-2023	566.65	71.59	40,567
01-10-2019	566.65	71.59	40,567	01-04-2020	566.65	71.59	40,567	01-04-2021	566.65	71.59	40,567	01-04-2022	566.65	71.59	40,567	01-04-2023	566.65	71.59	40,567
	71.59			19-09-2020	12.75	71.59	913	19-09-2021	12.75	71.59	913	19-09-2022	12.75	71.59	913	19-09-2023	12.75	71.59	913
	71.59			19-09-2020	0.74	71.59	53	19-09-2021	0.74	71.59	53	19-09-2022	0.74	71.59	53	19-09-2023	0.74	71.59	53
	71.59			19-03-2020	12.75	71.59	913	19-03-2021	12.75	71.59	913	19-03-2022	12.75	71.59	913	19-03-2023	12.75	71.59	913
19-03-2020	11.90	71.59	852	19-03-2021	12.75	71.59	913	19-03-2022	12.75	71.59	913	19-03-2023	12.75	71.59	913	19-03-2024	12.75	71.59	913
19-03-2020	0.69	71.59	49	19-03-2021	0.74	71.59	53	19-03-2022	0.74	71.59	53	19-03-2023	0.74	71.59	53	19-03-2024	0.74	71.59	53
31-03-2020	566.65	71.59	40,567	31-03-2021	566.65	71.59	40,567	31-03-2022	566.65	71.59	40,567	31-03-2023	566.65	71.59	40,567	31-03-2024	566.65	71.59	40,567

SPM

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

NTPC Limited
Tanda II

01-10-2019 USD = Rs. 71.59 EUR = Rs. 78.53 JPY = Rs. 0.66500
01-10-2019-31.03.2024

2019-20 (01.10.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
01-10-2019	17,240	0.67	11,465	01-04-2019	17,240	0.67	11,465	01-04-2019	17,240	0.67	11,465	01-04-2019	17,240	0.67	11,465	01-04-2019	17,240	0.67	11,465
01-10-2019	17,240	0.67	11,465	10-01-2020	17,240	0.67	11,465	10-01-2021	17,240	0.67	11,465	10-01-2022	17,240	0.67	11,465	10-01-2023	17,240	0.67	11,465
10-07-2019	-	0.67	-	10-07-2020	89	0.67	59	10-07-2021	88	0.67	59	10-07-2022	88	0.67	59	10-07-2023	88	0.67	59
10-07-2019	-	0.67	-	10-07-2020	5	0.67	3	10-07-2021	5	0.67	3	10-07-2022	5	0.67	3	10-07-2023	5	0.67	3
10-01-2020	90	0.67	60	10-01-2021	90	0.67	60	10-01-2022	90	0.67	60	10-01-2023	90	0.67	60	10-01-2024	90	0.67	60
10-01-2020	5	0.67	3	10-01-2021	5	0.67	3	10-01-2022	5	0.67	3	10-01-2023	5	0.67	3	10-01-2024	5	0.67	3
31-03-2020	17,240	0.67	11,465	31-03-2021	17,240	0.67	11,465	31-03-2022	17,240	0.67	11,465	31-03-2023	17,240	0.67	11,465	31-03-2024	17,240	0.67	11,465

2019-20 (01.10.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
01-10-2019	11,954	0.67	7,949	01-04-2019	11,954	0.67	7,949	01-04-2019	11,954	0.67	7,949	01-04-2019	11,954	0.67	7,949	01-04-2019	11,954	0.67	7,949
01-10-2019	11,954	0.67	7,949	10-01-2020	11,954	0.67	7,949	10-01-2021	11,954	0.67	7,949	10-01-2022	11,954	0.67	7,949	10-01-2023	11,954	0.67	7,949
10-07-2019	-	0.67	-	10-07-2020	62	0.67	41	10-07-2021	61	0.67	41	10-07-2022	61	0.67	41	10-07-2023	61	0.67	41
10-07-2019	-	0.67	-	10-07-2020	4	0.67	2	10-07-2021	4	0.67	2	10-07-2022	4	0.67	2	10-07-2023	4	0.67	2
10-01-2020	62	0.67	41	10-01-2021	62	0.67	41	10-01-2022	62	0.67	41	10-01-2023	62	0.67	41	10-01-2024	62	0.67	41
10-01-2020	4	0.67	2	10-01-2021	4	0.67	2	10-01-2022	4	0.67	2	10-01-2023	4	0.67	2	10-01-2024	4	0.67	2
31-03-2020	11,954	0.67	7,949	31-03-2021	11,954	0.67	7,949	31-03-2022	11,954	0.67	7,949	31-03-2023	11,954	0.67	7,949	31-03-2024	11,954	0.67	7,949

STW.

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000421

T00001

D00001

Unsecured Loan From HDFC Bank Ltd.-III		
Source of Loan :	HDFC Bank Ltd.-III	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	2,00,00,00,000	
Date of Drawal:	00-01-1900	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00001-10.14%	
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 :	6 Years	
Moratorium effective from :	04.12.2014	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	04.12.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate	N.A.	
Project Code	Project Name	Amount
	TANDA-II	2,00,00,00,000
Total Allocated Amount		2,00,00,00,000.00

S. Kumar

32

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000421

T00001

D00005

Unsecured Loan From HDFC Bank Ltd.-III		
Source of Loan :	HDFC Bank Ltd.-III	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	2,00,00,00,000	
Date of Drawal:	0	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00005-9.10%	
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 :	11.07.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	04.12.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate	N.A.	
Project Code	Project Name	Amount
	TAPOVAN VISHNUGAD	9,00,00,000
	SOLAPUR	9,00,00,000
	GADARWARA	36,00,00,000
	UNCHA HAR STPP IV	15,00,00,000
	NORTH KARANPURA	4,00,00,000
	DARLIPALLI	48,00,00,000
	TANDA-II	9,00,00,000
	ANANTPUR SOLAR	9,00,00,000
	MOUDA-II	20,00,00,000
	KUDGI	31,00,00,000
	PAKRI BARWADIH	10,00,00,000
Total Allocated Amount		2,00,00,00,000

**Form 8
TRANCHE NO**

BP NO 5050000421

T00001

0

Unsecured Loan From HDFC Bank Ltd.-III		
Source of Loan :	HDFC Bank Ltd.-III	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	2,00,00,00,000	
Date of Drawal:	0	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00005-9.10%	
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 :	10.10.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	04.12.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate	N.A.	
Project Code	Project Name	Amount
	BONGAIGAON	50,00,00,000
	MOUDA-II	45,00,00,000
	TANDA-II	35,00,00,000
	SOLAPUR	70,00,00,000
Total Allocated Amount		2,00,00,00,000

S. An.
34

Statement Giving Details of Project Financed through a Combination of loan

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
	UNCHAHAHAR-IV	41,00,00,000
	VINDHYACHAL-V	57,00,00,000
Total Allocated Amount		10,00,00,00,000.00

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000442

T00001

D0006

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	1,50,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D0006-9.30%	
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 :	14.10.2015	
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
	UNCHAHAR-IV	24,00,00,000
	TANDA-II	50,00,00,000
	MOUDA-II	76,00,00,000
Total Allocated Amount		1,50,00,00,000.00

S. An.

36

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
	UNCHAHAR-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

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BP NO 5050000442

T00001

D00011

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	3,00,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest :	D00011-9.30%	
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 :	30.10.2015	
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	31,00,00,000
	BONGAIGOAN	30,00,00,000
	DARLIPALLI	16,00,00,000
	GADARWARA	72,00,00,000
	KHARGONE	5,00,00,000
	LARA-I	33,00,00,000
	MOUDA-II	26,00,00,000
	NORTH KARANPURA	8,00,00,000
	TANDA-II	15,00,00,000
	TAPOVAN VISHNUGARH	21,00,00,000
	UNCHAAR-IV	7,00,00,000
	PAKRI BARWADIH	4,00,00,000
	CHATTI BARIATU	9,00,00,000
	SIMHADRI-II	12,00,00,000
	RAMAGUNDAM R&M	11,00,00,000
Total Allocated Amount		3,00,00,00,000

Statement Giving Details of Project Financed through a Combination of loan

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

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39

TRANCHE NO

BP NO 5050000442

T00001

D00014

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	3,00,00,00,00,000	
Date of Drawl	01.01.2016	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00014-9.30%	
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 :	01.01.2016	
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	9,00,00,000
	BONGAIGOAN	22,00,00,000
	DARLIPALLI	35,00,00,000
	KUDGI-I	67,00,00,000
	LARA-I	77,00,00,000
	PAKRI BARWADIH	16,00,00,000
	TANDA-II	25,00,00,000
	TAPOVAN VISHNUGARH	12,00,00,000
	UNCHA HAR STPP IV	10,00,00,000
	KHARGONE	17,00,00,000
	VINDHYACHAL-V	10,00,00,000
Total Allocated Amount		3,00,00,00,000.00

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000442

T00001

D00020

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	2,00,00,00,00,000	
Date of Drawl	25.07.2016	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00020-9.30%	
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 :	25.07.2016	
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
	LARA	54,00,00,000
	NORTH KARANPURA	82,00,00,000
	TANDA-II	42,00,00,000
	KHARGONE	18,00,00,000
	SINGRAULI 8MW HYDRO	4,00,00,000
Total Allocated Amount		2,00,00,00,000

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41

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 50500000451

T00001

0

Unsecured Loan From ICICI-IV		
Source of Loan :	ICICI-IV	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	1,00,00,00,000	
Date of Drawal	0	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00001 -9.35%	
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 :	16.02.2016	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	16.02.2023	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate	N.A.	
Project Code	Project Name	Amount
	DARLIPALLI	60,00,00,000.00
	TANDA-II	40,00,00,000.00
Total Allocated Amount		1,00,00,00,000.00

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42

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 50500000451

T00001

D00003

Unsecured Loan From ICICI-IV		
Source of Loan :	ICICI-IV	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	2,50,00,00,000	
Date of Drawal	21.09.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00003 -9.10%	
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 :	21.09.2016	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	16.02.2023	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate	N.A.	
Project Code	Project Name	Amount
	LARA	30,00,00,000.00
	GADARWARA	55,00,00,000.00
	UNCHA HAR STPP IV	15,00,00,000.00
	NORTH KARANPURA	30,00,00,000.00
	DARLIPALLI	50,00,00,000.00
	TANDA-II	15,00,00,000.00
	KHARGONE	15,00,00,000.00
	PAKRI BARWADIH	30,00,00,000.00
	CHATTI BARIATU	10,00,00,000.00
Total Allocated Amount		2,50,00,00,000.00

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 50500000451

T00001

D00004

Unsecured Loan From ICICI-IV		
Source of Loan :	ICICI-IV	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	2,25,00,00,000	
Date of Drawal	29.09.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00004 -9.10%	
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 :	29.09.2016	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	16.02.2023	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate	N.A.	
Project Code	Project Name	Amount
	LARA	30,00,00,000.00
	GADARWARA	30,00,00,000.00
	UNCHAHR STPP IV	5,00,00,000.00
	NORTH KARANPURA	30,00,00,000.00
	DARLIPALLI	30,00,00,000.00
	TANDA-II	30,00,00,000.00
	KHARGONE	15,00,00,000.00
	KUDGI	30,00,00,000.00
	ANANTPUR SOLAR	17,00,00,000.00
	PAKRI BARWADIH	8,00,00,000.00
Total Allocated Amount		2,25,00,00,000.00

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44

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000531

T00001

D0008

Unsecured Loan From SBI-IX		
Source of Loan :	SBI-IX	
Currency :	INR	
Amount of Loan :	30,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawal:	20.06.2018	
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 :	20.06.2018	
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	80,00,00,000
	TAPOVAN VISHNUGARH	20,00,00,000
	BONGAIGAON	8,00,00,000
	TANDA II	12,00,00,000
	RAMMAM	20,00,00,000
	TELANGANA	45,00,00,000
	MAUDA-II	1,20,00,00,000
	BHADLA SOALR PV	35,00,00,000
	ROJAML WIND	5,00,00,000
	PAKRI BARWADIH CMB	1,20,00,00,000
	CHATTI BARIATU CMP	9,00,00,000
	DULANGA COAL MINE	13,00,00,000
	TALAI PALI COAL MINE	13,00,00,000
Total Allocated Amount		5,00,00,00,000.00

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000531

T00001

D0009

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:	27.06.2018	
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 :	27.06.2018	
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	25,00,00,000
	TANDA II	30,00,00,000
	TELANGANA	30,00,00,000
	RAMAGUNDAM R&M	25,00,00,000
	TALCHER STPP R&M	40,00,00,000
	KAHALGAON R&M	20,00,00,000
	PAKRI BARWADIH CMB	30,00,00,000
Total Allocated Amount		2,00,00,00,000.00

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46

Statement Giving Details of Project Financed through a Combination of loan

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 :	13,70,00,00,000	
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

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47

Statement Giving Details of Project Financed through a Combination of loan

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:	0	
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

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48

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

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49

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000551

T00001

D00007

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:	12.03.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D0001-7.9%	
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 :	12.03.2018	
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	50,00,00,000
	TAPOVAN VISHNUGARH	60,00,00,000
	GADARWARA	60,00,00,000
	NORTH KARANPURA	1,80,00,00,000
	DARLIPALLI	2,20,00,00,000
	TANDA-II	1,50,00,00,000
	KHARGONE	1,80,00,00,000
	TELANGANA	1,00,00,00,000

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50

Statement Giving Details of Project Financed through a Combination of loan

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

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51

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
	TALAIPALI 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

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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

53

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Statement Giving Details of Project Financed through a Combination of loan

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
	TALAI PALI	80,00,00,000.00
	NCPS-FGD	25,00,00,000.00
	Total Allocated Amount	7,50,00,00,000.00

59

Signature

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000741

T00001

D00003

Unsecured Loan From SBI-XII		
Source of Loan :	SBI-XII	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawal:	26.03.2019	
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 :	26.03.2019	
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	40,00,00,000.00
	UNCHA HAR STPP IV	1,20,00,00,000.00
	LARA	30,00,00,000.00
	NORTH KARANPURA	30,00,00,000.00
	GADARWARA	60,00,00,000.00
	DARLIPALLI	41,00,00,000.00
	TANDA-II	30,00,00,000.00
	KHARGONE	60,00,00,000.00
	TELANGANA	60,00,00,000.00
	CHATTI BARIATU	5,00,00,000.00
	DULANGA	10,00,00,000.00
	TALAIPALI	10,00,00,000.00
	NCPS-FGD	4,00,00,000.00
	Total Allocated Amount	5,00,00,00,000.00

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000561

T00001

D00001

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 :	5,00,00,00,000	
Date of drawl	25.09.2017	
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 :	25.09.2017	
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
	TANDA-II	13,85,00,000
	RAMMAM	3,00,00,000
	KHARGONE	89,68,00,000
	TELANGANA	16,00,00,000
	MANDSAUR SOLAR PV	11,00,00,000
	ROJMAL WIND	21,00,00,000
	MOUDA-II	39,84,00,000
	KUDGI	2,76,97,00,000
	CHATTI BARIATU CMB	19,13,00,000
	DULANGA COAL MINE	6,00,00,000
	MOUDA-I	3,53,00,000
	Total Allocated Amount	5,00,00,00,000

56

S. Anand

Statement Giving Details of Project Financed through a Combination of loan

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
	UNCHAHAH R&M	20,00,00,000.00
	Total Allocated Amount	5,00,00,00,000.00

57

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Statement Giving Details of Project Financed through a Combination of loan

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

50

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**Statement Giving Details of Project Financed through a Combination of loan
Form 8**

Unsecured Loan From Punjab National Bank-IV		
Source of Loan :	Punjab National Bank-III	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	20,00,00,00,000	
Date of Drawl	01.01.2019	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.60%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	01.01.2019	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	01.02.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate	N.A.	
Project Code	Project Name	Amount
	UNCHA HAR STPP IV	65,00,00,000.00
	TANDA-II	85,00,00,000.00
	NCTPP-II	36,43,00,000.00
	DADRI GAS R&M	56,00,00,000.00
	KORBA-III	15,00,00,000.00
	SIPAT-II	17,14,00,000.00
	FARAKKA-III	8,57,00,000.00
	KAHALGAON-II	17,14,00,000.00
	BARH-I	1,08,57,00,000.00
	BARH-II	8,00,00,000.00
	NORTH KARANPURA	1,09,00,00,000.00
	KOLDAM	6,43,00,000.00
	TAPOVAN VISHNUGAD	28,57,00,000.00
	PAKRI BARWADIH	1,42,00,00,000.00
	CHATTI BARIATU	10,00,00,000.00
	BONGAIGAON	36,43,00,000.00
	KUDGI	60,00,00,000.00
	LARA	1,23,00,00,000.00
	GADARWARA	2,27,72,00,000.00
	DARLIPALLI	2,73,00,00,000.00
	KHARGONE	50,00,00,000.00
	ANANTPUR SOLAR	17,00,00,000.00
	TALAIPALI COAL MINE	5,00,00,00,000.00
	Total Allocated Amount	20,00,00,00,000.00

59

Stw...

Statement Giving Details of Project Financed through a Combination of loan

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

60

Signature

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 50500000541

T00001

D00005

Unsecured Loan From ICICI-VI		
Source of Loan :	ICICI-VI	
Currency :	INR	
Amount of Loan :	30,00,00,00,000	
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	7.85%	
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 :	11.12.2017	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	11.09.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate	N.A.	
Project Code	Project Name	Amount
	GADARWARA	40,00,00,000.00
	UNCHAHAR STPP IV	25,00,00,000.00
	NORTH KARANPURA	60,00,00,000.00
	TANDA-II	75,00,00,000.00
Total Allocated Amount		2,00,00,00,000.00

61

Signature

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 50500000541

T00001

D00009

Unsecured Loan From ICICI-VI		
Source of Loan :	ICICI-VI	
Currency :	INR	
Amount of Loan :	30,00,00,00,000	
Total Drawn amount :	2,25,00,00,000	
Date of Drawal	02.07.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.10%	
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 :	02.07.2018	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	11.09.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate	N.A.	
Project Code	Project Name	Amount
	BARH-I	50,00,00,000.00
	TAPOVAN VISHNUGARH	25,00,00,000.00
	TANDA II	50,00,00,000.00
	GADARWARA	1,00,00,00,000.00
Total Allocated Amount		2,25,00,00,000.00

62

Stw...

Yearwise Statement of Additional Capitalization after COD

Name of the Petitioner: NTPC Limited
 Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)
 COD: 01.11.2019 (anticipated)
 For Financial Year: 2019-20(01.11.2019 to 31.03.2020)

Sl. No.	Head of Work/ Equipments	ACE Claimed (Projected)					Regulations under which claimed	Justification
		Accrual Basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3	6		
1	2	3	4	(5= 3 - 4)	6	7	8	
1	Land and infrastructure	3,998.73	-	-	3,998.73	-	All the works claimed are part of Original Scope of Work and is expected to be capitalized within Cut Off date of the Station	
2	Main Plant Civil & Chimney	18,601.73	-	-	18,601.73	-		
3	SG & Auxiliaries	5,263.42	-	-	5,263.42	-		
4	TG & Auxiliaries	6,296.24	-	-	6,296.24	-		
5	C&I	532.52	-	-	532.52	-		
6	Railway Siding & LOCO	1,608.74	-	-	1,608.74	-		
7	Ash handling system	8,917.24	-	-	8,917.24	-		
8	Water and cooling system	539.67	-	-	539.67	-		
9	Service & General facilities	603.10	-	-	603.10	-		
10	Switchyard system	5,400.59	-	-	5,400.59	-		
Total Additional Capitalization during the period (Including Liability Discharge)		51,761.99			51,761.99			


 PETITIONER

Financing of Additional Capitalisation

Name of the Petitioner: NTPC Limited
 Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)
 Date of Commercial Operation: 01.11.2019 (anticipated)

Financial Year (Starting from COD):	Actual					Admitted				
	Year 1	Year 2	Year 3	Year 4	Year 5 & So on	Year 1	Year 2	Year 3	Year 4	Year 5 & So on
1		3	4	5	6	7	8	9	10	11

Amount capitalised in Work/ Equipment
Financing Details
Loan-1
Loan-2
Loan-3 and so on
Total Loans
Equity
Internal Resources
Others (Pl. specify)
Total

Additional capitalization financing is proposed to be done in 70:30 Debt:Equity ratio. However, the actual financing shall be submitted at the time of truing up exercise.

S. Anand
(Petitioner)

Calculation of Depreciation Rate

Name of the Petitioner: NTPC Limited
 Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)
 (in Rs. Lakh)

S.NO.	Name of Asset	Estimated Gross Block as on COD 01.11.2019 (anticipated)	CERC Dep. Rate	Depreciation Amount for each year up to 31.03.24
	1	2	3	4 = 2 x 3
1	Land	53,368.54	0.00%	0.00
2	Roads, Bridges & culverts	453.18	3.34%	15.14
3	Buildings	47,661.42	3.34%	1591.89
4	Temporary erection	680.53	100.00%	680.53
5	Water supply, drainage & Sewerage system	14,781.00	5.28%	780.44
6	Plant and machinery	2,94,776.02	5.28%	15564.17
7	Furniture and fixtures	386.60	6.33%	24.47
8	Vehicles	102.63	9.50%	9.75
9	Office equipment	396.23	6.33%	25.08
10	EDP, WP machines and satcom equipment	287.74	15.00%	43.16
11	Construction Equipment	1,518.49	5.28%	80.18
12	Electrical installations	34.17	5.28%	1.80
13	Communication equipments	196.98	6.33%	12.47
14	Railway Siding	6,775.53	5.28%	357.75
15	Laboratory & Workshop equipment	684.51	5.28%	36.14
16	Other Assets	3,036.32	5.28%	160.32
	Grand Total	4,25,139.90		19,383.29
	Weighted Average Rate of Depreciation (%)		4.56%	


 PETITIONER

Statement of Depreciation

Name of the Petitioner: NTPC Limited
Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

S. No.	Particulars	Existing 2018-19	2019-20 (01.11.2019 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
1	Opening Capital Cost		4,33,787.23	4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21
2	Closing Capital Cost		4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21
3	Average Capital Cost		4,59,668.22	4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21
4	Freehold land		53,368.54	53,368.54	53,368.54	53,368.54	53,368.54
4(a)	IT equipments & Software		505.00	505.00	505.00	505.00	505.00
5	Rate of depreciation		4.56%	4.56%	4.56%	4.56%	4.56%
6	Depreciable value		3,65,720.22	3,89,013.11	3,89,013.11	3,89,013.11	3,89,013.11
7.	Balance useful life at the beginning of the period		25	24	23	22	21
8	Remaining depreciable value		3,65,720.22	3,79,965.87	3,66,875.59	3,66,875.59	3,66,875.59
9	Depreciation (for the period)		9,047.24	22,137.52	22,137.52	22,137.52	22,137.52
10	Depreciation (annualised)		20,957.54	22,137.52	22,137.52	22,137.52	22,137.52
11.	Cumulative depreciation at the end of the period		9,047.24	31,184.76	53,322.28	75,459.81	97,597.33
12.	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009		-	-	-	-	-
13.	Less: Cumulative depreciation adjustment on account of de-capitalisation		-	-	-	-	-
14.	Net Cumulative depreciation at the end of the period		9,047.24	31,184.76	53,322.28	75,459.81	97,597.33

1. In case of details of FERV, give information for the applicable period.

(Petitioner)

Calculation of Interest on Actual Loans							Form-13
Name of the Company	NTPC LTD						
Name of the Power Station	Tanda II						
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
1	Mizuhu II A						
	Gross loan - Opening	9858.19	9858.19	9858.19	9858.19	9858.19	9858.19
	Cumulative repayments of Loans upto previous period	0.00	2464.55	2464.55	7393.64	9858.19	9858.19
	Net loan - Opening	9858.19	7393.64	7393.64	2464.55	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period	0	0	0	0	0	0
	Total	9858.19	7393.64	7393.64	2464.55	0.00	0.00
	Repayments of Loans during the period	2464.55	0.00	4929.09	2464.55		
	Net loan - Closing	7393.64	7393.64	2464.55	0.00	0.00	0.00
	Average Net Loan	8625.91	7393.64	4929.09	1232.27	0.00	0.00
	Rate of Interest on Loan	4.4127%	4.4127%	4.4127%	4.4127%	4.4127%	4.4127%
	Interest on Loan Annualised	380.64	326.26	217.51	54.38	0.00	0.00
2	4.375% Fixed Rate Notes due 2024						
	Gross loan - Opening	17920.42	17920.42	17920.42	17920.42	17920.42	17920.42
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	17920.42	17920.42	17920.42	17920.42	17920.42	17920.42
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period	0	0	0	0	0	0
	Total	17920.42	17920.42	17920.42	17920.42	17920.42	17920.42
	Repayments of Loans during the period	0.00	0.00	0.00	0.00		
	Net loan - Closing	17920.42	17920.42	17920.42	17920.42	17920.42	17920.42
	Average Net Loan	17920.42	17920.42	17920.42	17920.42	17920.42	17920.42
	Rate of Interest on Loan	4.6277%	4.6277%	4.6277%	4.6277%	4.6277%	4.6277%
	Interest on Loan Annualised	829.30	829.30	829.30	829.30	829.30	829.30
3	4.25% Fixed Rate Notes due 2026						
	Gross loan - Opening	24314.33	24314.33	24314.33	24314.33	24314.33	24314.33
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	24314.33	24314.33	24314.33	24314.33	24314.33	24314.33
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period	0	0	0	0	0	0
	Total	24314.33	24314.33	24314.33	24314.33	24314.33	24314.33
	Repayments of Loans during the period	0.00	0.00	0.00	0.00		
	Net loan - Closing	24314.33	24314.33	24314.33	24314.33	24314.33	24314.33
	Average Net Loan	24314.33	24314.33	24314.33	24314.33	24314.33	24314.33
	Rate of Interest on Loan	4.4955%	4.4955%	4.4955%	4.4955%	4.4955%	4.4955%
	Interest on Loan Annualised	1,093.04	1,093.04	1,093.04	1,093.04	1,093.04	1,093.04

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67

Calculation of Interest on Actual Loans							Form-13
Name of the Company		NTPC LTD					
Name of the Power Station		Tanda II					
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	(Amount in lacs) 2023-24 (01.04.2023-31.03.2024)
4	2.75% Fixed Rate Notes due 2027						
	Gross loan - Opening	38318.69	38318.69	38318.69	38318.69	38318.69	38318.69
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	38318.69	38318.69	38318.69	38318.69	38318.69	38318.69
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0	0	0	0	0	0
	Total	38318.69	38318.69	38318.69	38318.69	38318.69	38318.69
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	38318.69	38318.69	38318.69	38318.69	38318.69	38318.69
	Average Net Loan	38318.69	38318.69	38318.69	38318.69	38318.69	38318.69
	Rate of Interest on Loan	2.9088%	2.9088%	2.9088%	2.9088%	2.9088%	2.9088%
	Interest on Loan Annualised	1,114.62	1,114.62	1,114.62	1,114.62	1,114.62	1,114.62
5	7.25% Fixed Rate Notes due 2022						
	Gross loan - Opening	22610.46	22610.46	22610.46	22610.46	22610.46	22610.46
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	22610.46	22610.46	22610.46	22610.46	22610.46	22610.46
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0	0	0	0	0	0
	Total	22610.46	22610.46	22610.46	22610.46	22610.46	22610.46
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	22610.46	22610.46	22610.46	22610.46	22610.46	22610.46
	Average Net Loan	22610.46	22610.46	22610.46	22610.46	22610.46	22610.46
	Rate of Interest on Loan	7.2500%	7.2500%	7.2500%	7.2500%	7.2500%	7.2500%
	Interest on Loan Annualised	1,639.26	1,639.26	1,639.26	1,639.26	1,639.26	1,639.26
6	JPY Equ. 350Million A						
	Gross loan - Opening	19128.33	19128.33	19128.33	19128.33	19128.33	19128.33
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	19128.33	19128.33	19128.33	19128.33	19128.33	19128.33
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0	0	0	0	0	0
	Total	19128.33	19128.33	19128.33	19128.33	19128.33	19128.33
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	19128.33	19128.33	19128.33	19128.33	19128.33	19128.33
	Average Net Loan	19128.33	19128.33	19128.33	19128.33	19128.33	19128.33
	Rate of Interest on Loan	1.03%	1.0263%	1.0263%	1.0263%	1.0263%	1.0263%
	Interest on Loan Annualised	196.32	196.32	196.32	196.32	196.32	196.32

08

Sum

Calculation of Interest on Actual Loans							Form-13
Name of the Company	NTPC LTD						
Name of the Power Station	Tanda II						
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
7	JPY Equ. 350Million B						
	Gross loan - Opening	23794.35	23794.35	23794.35	23794.35	23794.35	23794.35
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	23794.35	23794.35	23794.35	23794.35	23794.35	23794.35
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0	0	0	0	0	0
	Total	23794.35	23794.35	23794.35	23794.35	23794.35	23794.35
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	23794.35	23794.35	23794.35	23794.35	23794.35	23794.35
	Average Net Loan	23794.35	23794.35	23794.35	23794.35	23794.35	23794.35
	Rate of Interest on Loan	1.03%	1.0263%	1.0263%	1.0263%	1.0263%	1.0263%
	Interest on Loan Annualised	244.21	244.21	244.21	244.21	244.21	244.21
8	4.5% Fixed Rate Notes due 2028						
	Gross loan - Opening	39535.23	39535.23	39535.23	39535.23	39535.23	39535.23
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	39535.23	39535.23	39535.23	39535.23	39535.23	39535.23
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0	0	0	0	0	0
	Total	39535.23	39535.23	39535.23	39535.23	39535.23	39535.23
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	39535.23	39535.23	39535.23	39535.23	39535.23	39535.23
	Average Net Loan	39535.23	39535.23	39535.23	39535.23	39535.23	39535.23
	Rate of Interest on Loan	4.7599%	4.7599%	4.7599%	4.7599%	4.7599%	4.7599%
	Interest on Loan Annualised	1,881.83	1,881.83	1,881.83	1,881.83	1,881.83	1,881.83
9	JPY Equ. 300Million A						
	Gross loan - Opening	10935.43	10935.43	10935.43	10935.43	10935.43	10935.43
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	10935.43	10935.43	10935.43	10935.43	10935.43	10935.43
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0	0	0	0	0	0
	Total	10935.43	10935.43	10935.43	10935.43	10935.43	10935.43
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	10935.43	10935.43	10935.43	10935.43	10935.43	10935.43
	Average Net Loan	10935.43	10935.43	10935.43	10935.43	10935.43	10935.43
	Rate of Interest on Loan	1.09%	1.0939%	1.0939%	1.0939%	1.0939%	1.0939%
	Interest on Loan Annualised	119.62	119.62	119.62	119.62	119.62	119.62

San

Calculation of Interest on Actual Loans							Form-13
Name of the Company	NTPC LTD						
Name of the Power Station	Tanda II						
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
13	Bonds 60 repayment 05.05.2026 (bullet)						
	Gross loan - Opening	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Average Net Loan	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Rate of Interest on Loan	8.0800%	8.0800%	8.0800%	8.0800%	8.0800%	8.0800%
	Interest on Loan Annualised	646.40	646.40	646.40	646.40	646.40	646.40
14	Bonds 61 repayment 27.05.2021						
	Gross loan - Opening	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	Average Net Loan	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	Rate of Interest on Loan	8.1300%	8.1300%	8.1300%	8.1300%	8.1300%	8.1300%
	Interest on Loan Annualised	365.85	365.85	365.85	304.88	182.93	60.98
15	Bonds 62 repayment 23.08.2026 (bullet)						
	Gross loan - Opening	4400.00	4400.00	4400.00	4400.00	4400.00	4400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	4400.00	4400.00	4400.00	4400.00	4400.00	4400.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	4400.00	4400.00	4400.00	4400.00	4400.00	4400.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	4400.00	4400.00	4400.00	4400.00	4400.00	4400.00
	Average Net Loan	4400.00	4400.00	4400.00	4400.00	4400.00	4400.00
	Rate of Interest on Loan	7.6100%	7.6100%	7.6100%	7.6100%	7.6100%	7.6100%
	Interest on Loan Annualised	334.84	334.84	334.84	334.84	334.84	334.84

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71

Calculation of Interest on Actual Loans							Form-13
Name of the Company		NTPC LTD					
Name of the Power Station		Tanda II					
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	(Amount in lacs) 2023-24 (01.04.2023-31.03.2024)
16	Bonds 63 repayment 16.09.2026 (bullet)						
	Gross loan - Opening	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00
	Average Net Loan	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00
	Rate of Interest on Loan	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%
	Interest on Loan Annualised	255.00	255.00	255.00	255.00	255.00	255.00
17	Bonds 64 repayment 07.11.2031 (bullet)						
	Gross loan - Opening	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00
	Average Net Loan	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00
	Rate of Interest on Loan	7.52%	7.52%	7.52%	7.52%	7.52%	7.52%
	Interest on Loan Annualised	218.08	218.08	218.08	218.08	218.08	218.08
18	Bonds 65 repayment 24.11.2021 (bullet)						
	Gross loan - Opening	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00
	Average Net Loan	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00
	Rate of Interest on Loan	6.7500%	6.75%	6.75%	6.75%	6.75%	6.75%
	Interest on Loan Annualised	229.50	229.50	229.50	114.75	0.00	0.00

Sw.

Calculation of Interest on Actual Loans							Form-13
Name of the Company	NTPC LTD						
Name of the Power Station	Tanda II						
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
(Amount in lacs)							
19	Bonds 66 repayment 14.12.2031 (bullet)						
	Gross loan - Opening	21600.00	21600.00	21600.00	21600.00	21600.00	21600.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	21600.00	21600.00	21600.00	21600.00	21600.00	21600.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	21600.00	21600.00	21600.00	21600.00	21600.00	21600.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	21600.00	21600.00	21600.00	21600.00	21600.00	21600.00
	Average Net Loan	21600.00	21600.00	21600.00	21600.00	21600.00	21600.00
	Rate of Interest on Loan	7.4000%	7.40%	7.40%	7.40%	7.40%	7.40%
	Interest on Loan Annualised	1598.40	1598.40	1598.40	1598.40	1598.40	1598.40
20	Bonds 67 repayment 15.01.2029 (bullet)						
	Gross loan - Opening	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00
	Average Net Loan	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00
	Rate of Interest on Loan	8.3300%	8.3000%	8.3000%	8.3000%	8.3000%	8.3000%
	Interest on Loan Annualised	1041.25	1037.50	1037.50	1037.50	1037.50	1037.50
21	SBI-VIII Repayment from 31.01.2022 - 9Y						
	Gross loan - Opening	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	2000.00	4000.00
	Net loan - Opening	18000.00	18000.00	18000.00	18000.00	16000.00	14000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	18000.00	18000.00	18000.00	18000.00	16000.00	14000.00
	Repayments of Loans during the period	0.00	0.00	0.00	2000.00	2000.00	2000.00
	Net loan - Closing	18000.00	18000.00	18000.00	16000.00	14000.00	12000.00
	Average Net Loan	18000.00	18000.00	17000.00	15000.00	13000.00	13000.00
	Rate of Interest on Loan	8.15%	8.15%	8.15%	8.15%	8.15%	8.15%
	Interest on Loan Annualised	1467.00	1467.00	1385.50	1222.50	1059.50	1059.50

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73

Calculation of Interest on Actual Loans										
Name of the Company		NTPC LTD								Form-13
Name of the Power Station		Tanda II								
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)	(Amount in lacs)		
22	HDFC Bank Ltd. - III Repayment from 04.12.2021 - 9Y									
	Gross loan - Opening	24400.00	24400.00	24400.00	24400.00	24400.00	24400.00	24400.00	24400.00	24400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	2711.11	5422.22	18977.78	18977.78	18977.78
	Net loan - Opening	24400.00	24400.00	24400.00	24400.00	21688.89	21688.89	21688.89	21688.89	21688.89
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	24400.00	24400.00	24400.00	24400.00	21688.89	21688.89	21688.89	21688.89	21688.89
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	2711.11	2711.11	2711.11	2711.11	2711.11
	Net loan - Closing	24400.00	24400.00	24400.00	24400.00	21688.89	18977.78	16266.67	16266.67	16266.67
	Average Net Loan	24400.00	24400.00	24400.00	23044.44	20333.33	17622.22	17622.22	17622.22	17622.22
	Rate of Interest on Loan	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%
	Interest on Loan Annualised	2061.80	2061.80	2061.80	1947.26	1718.17	1489.08	1489.08	1489.08	1489.08
23	HDFC-V D-1 repayment from 25.09.2024 -9Y									
	Gross loan - Opening	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00
	Average Net Loan	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00	1385.00
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	117.03	117.03	117.03	117.03	117.03	117.03	117.03	117.03	117.03
23	HDFC-VI D-1 repayment from 26.09.2025 -9Y									
	Gross loan - Opening	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00
	Average Net Loan	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	261.95	261.95	261.95	261.95	261.95	261.95	261.95	261.95	261.95

Sure.

Calculation of Interest on Actual Loans							Form-13
Name of the Company	NTPC LTD						
Name of the Power Station	Tanda II						
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
		(Amount in lacs)					
22	ICICI-IV Total repayment from 16.02.2023 -9Y						
	Gross loan - Opening	8500.00	8500.00	8500.00	8500.00	8500.00	8500.00
	Cumulative repayments of Loans upto previous period	8500.00	8500.00	8500.00	8500.00	8500.00	8500.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.60%	8.60%	8.60%	8.60%	8.60%	8.60%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
23	ICICI BANK VI D-5 repayment from 11.09.2024 -9Y						
	Gross loan - Opening	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00
	Cumulative repayments of Loans upto previous period	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.60%	8.60%	8.60%	8.60%	8.60%	8.60%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
24	PNB-III D-3 repayment from 01.02.2022 -9Y						
	Gross loan - Opening	14500.00	14500.00	14500.00	14500.00	14500.00	14500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	1611.11	3222.22
	Net loan - Opening	14500.00	14500.00	14500.00	14500.00	12888.89	11277.78
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	14500.00	14500.00	14500.00	14500.00	12888.89	11277.78
	Repayments of Loans during the period	0.00	0.00	0.00	1611.11	1611.11	1611.11
	Net loan - Closing	14500.00	14500.00	14500.00	12888.89	11277.78	9666.67
	Average Net Loan	14500.00	14500.00	14500.00	13694.44	12083.33	10472.22
	Rate of Interest on Loan	8.30%	8.30%	8.30%	8.30%	8.30%	8.30%
	Interest on Loan Annualised	1203.50	1203.50	1203.50	1136.64	1002.92	869.19

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Calculation of Interest on Actual Loans							Form-13
Name of the Company	NTPC LTD						
Name of the Power Station	Tanda II						
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
25	PNB-IV repayment from 01.02.2022 -9Y						
	Gross loan - Opening	8500.00	8500.00	8500.00	8500.00	8500.00	8500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	944.44	1888.89
	Net loan - Opening	8500.00	8500.00	8500.00	8500.00	7555.56	6611.11
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	8500.00	8500.00	8500.00	8500.00	7555.56	6611.11
	Repayments of Loans during the period	0.00	0.00	0.00	944.44	944.44	944.44
	Net loan - Closing	8500.00	8500.00	8500.00	7555.56	6611.11	5666.67
	Average Net Loan	8500.00	8500.00	8500.00	8027.78	7083.33	6138.89
	Rate of Interest on Loan	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
	Interest on Loan Annualised	697.00	697.00	697.00	658.28	580.83	503.39
23	SBI-IX Total repayment from 31.03.2021 -9Y						
	Gross loan - Opening	10200.00	10200.00	10200.00	10200.00	10200.00	10200.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	1133.33	2266.67	3400.00
	Net loan - Opening	10200.00	10200.00	10200.00	9066.67	7933.33	6800.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	10200.00	10200.00	10200.00	9066.67	7933.33	6800.00
	Repayments of Loans during the period	0.00	0.00	1133.33	1133.33	1133.33	1133.33
	Net loan - Closing	10200.00	10200.00	9066.67	7933.33	6800.00	5666.67
	Average Net Loan	10200.00	10200.00	9633.33	8500.00	7366.67	6233.33
	Rate of Interest on Loan	8.15%	8.15%	8.15%	8.15%	8.15%	8.15%
	Interest on Loan Annualised	831.30	831.30	785.12	692.75	600.38	508.02
24	SBI-X repayment from 01.10.2024 -9Y						
	Gross loan - Opening	21115.00	21115.00	21115.00	21115.00	21115.00	21115.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	21115.00	21115.00	21115.00	21115.00	21115.00	21115.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	21115.00	21115.00	21115.00	21115.00	21115.00	21115.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	21115.00	21115.00	21115.00	21115.00	21115.00	21115.00
	Average Net Loan	21115.00	21115.00	21115.00	21115.00	21115.00	21115.00
	Rate of Interest on Loan	8.25%	8.25%	8.25%	8.25%	8.25%	8.25%
	Interest on Loan Annualised	1741.99	1741.99	1741.99	1741.99	1741.99	1741.99

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Calculation of Interest on Actual Loans							Form-13
Name of the Company	NTPC LTD						
Name of the Power Station	Tanda II						
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	(Amount in lacs) 2023-24 (01.04.2023-31.03.2024)
25	SBI-XI repayment from 01.10.2022 -9Y						
	Gross loan - Opening	14000.00	14000.00	14000.00	14000.00	14000.00	14000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	1555.56	3111.11
	Net loan - Opening	14000.00	14000.00	14000.00	14000.00	12444.44	10888.89
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	14000.00	14000.00	14000.00	14000.00	12444.44	10888.89
	Repayments of Loans during the period	0.00	0.00	0.00	1555.56	1555.56	1555.56
	Net loan - Closing	14000.00	14000.00	14000.00	12444.44	10888.89	9333.33
	Average Net Loan	14000.00	14000.00	14000.00	13222.22	11666.67	10111.11
	Rate of Interest on Loan	8.350%	8.350%	8.350%	8.350%	8.350%	8.350%
	Interest on Loan Annualised	1169.00	1169.00	1169.00	1104.06	974.17	844.28
26	SBI-XII repayment from 31.03.2026 -9Y						
	Gross loan - Opening	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Average Net Loan	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Rate of Interest on Loan	8.350%	8.350%	8.350%	8.350%	8.350%	8.350%
	Interest on Loan Annualised	668.00	668.00	668.00	668.00	668.00	668.00
	TOTAL LOAN						
	Gross loan - Opening	428298	428298	428298	428298	428298	428298
	Cumulative repayments of Loans upto previous period	21000	23465	23465	29527	46847	60083
	Net loan - Opening	407298	404833	404833	398771	381451	368215
	Increase/ Decrease due to FERV	0	0	0	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period	0	0	0	0	0	0
	Total	407298	404833	404833	398771	381451	368215
	Repayments of Loans during the period	2465	0	6062	17320	13236	15056
	Net loan - Closing	404833	404833	398771	381451	368215	353159
	Average Net Loan	406065	404833	401802	390111	374833	360687
	Rate of Interest on Loan	5.7354%	5.7385%	5.7432%	5.7108%	5.6255%	5.5199%
	Interest on Loan Annualised	23289	23231	23076	22278	21086	19909
	Note: In case of foreign loans, opening loan balance considered at following exchange rate						
	Exchange rate 31.03.2016 US \$= INR 66.90						
	Exchange rate 31.03.2016 EURO= INR 75.93						

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Calculation of Interest on Actual Loans							Form-13
Name of the Company		NTPC LTD					
Name of the Power Station		Tanda II					
Sl. no.	Particulars	2019-20 (01.10.2019- 31.03.2020)	2020-21 (01.04.2020- 01.07.2020)	2020-21 (02.07.2020- 31.03.2021)	2021-22 (01.04.2021- 31.03.2022)	2022-23 (01.04.2022- 31.03.2023)	2023-24 (01.04.2023- 31.03.2024)
	SBI-VIII D-4 Repayment from 31.01.2022 - 9Y						
	Gross loan - Opening	700.00	700.00	700.00	700.00	700.00	700.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	77.78	155.56
	Net loan - Opening	700.00	700.00	700.00	700.00	622.22	544.44
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	700.00	700.00	700.00	700.00	622.22	544.44
	Repayments of Loans during the period	0.00	0.00	0.00	77.78	77.78	77.78
	Net loan - Closing	700.00	700.00	700.00	622.22	544.44	466.67
	Average Net Loan	700.00	700.00	700.00	661.11	583.33	505.56
	Rate of Interest on Loan	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%
	Interest on Loan Annualised	57.05	57.05	57.05	47.54	47.54	41.20
	SBI-VIII D-6 Repayment from 31.01.2022 - 9Y						
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	555.56	1111.11
	Net loan - Opening	5000.00	5000.00	5000.00	5000.00	4444.44	3888.89
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	5000.00	5000.00	5000.00	5000.00	4444.44	3888.89
	Repayments of Loans during the period	0.00	0.00	0.00	555.56	555.56	555.56
	Net loan - Closing	5000.00	5000.00	5000.00	4444.44	3888.89	3333.33
	Average Net Loan	5000.00	5000.00	5000.00	4722.22	4166.67	3611.11
	Rate of Interest on Loan	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%
	Interest on Loan Annualised	407.50	407.50	407.50	384.86	339.58	294.31
	SBI-VIII D-8 Repayment from 31.01.2022 - 9Y						
	Gross loan - Opening	2600.00	2600.00	2600.00	2600.00	2600.00	2600.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	288.89	577.78
	Net loan - Opening	2600.00	2600.00	2600.00	2600.00	2311.11	2022.22
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	2600.00	2600.00	2600.00	2600.00	2311.11	2022.22
	Repayments of Loans during the period	0.00	0.00	0.00	288.89	288.89	288.89
	Net loan - Closing	2600.00	2600.00	2600.00	2311.11	2022.22	1733.33
	Average Net Loan	2600.00	2600.00	2600.00	2455.56	2166.67	1877.78
	Rate of Interest on Loan	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%
	Interest on Loan Annualised	211.90	211.90	211.90	176.58	153.04	153.04

78

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Calculation of Interest on Actual Loans							Form-13
Name of the Company	NTPC LTD						
Name of the Power Station	Tanda II						
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
		(Amount in lacs)					
	SBI-VIII D-11 Repayment from 31.01.2022 - 9Y						
	Gross loan - Opening	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	166.67	333.33
	Net loan - Opening	1500.00	1500.00	1500.00	1500.00	1333.33	1166.67
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	1500.00	1500.00	1500.00	1500.00	1333.33	1166.67
	Repayments of Loans during the period	0.00	0.00	0.00	166.67	166.67	166.67
	Net loan - Closing	1500.00	1500.00	1500.00	1333.33	1166.67	1000.00
	Average Net Loan	1500.00	1500.00	1500.00	1416.67	1250.00	1083.33
	Rate of Interest on Loan	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%
	Interest on Loan Annualised	122.25	122.25	122.25	115.46	101.88	88.29
	SBI-VIII D-12 Repayment from 31.01.2022 - 9Y						
	Gross loan - Opening	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	166.67	333.33
	Net loan - Opening	1500.00	1500.00	1500.00	1500.00	1333.33	1166.67
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	1500.00	1500.00	1500.00	1500.00	1333.33	1166.67
	Repayments of Loans during the period	0.00	0.00	0.00	166.67	166.67	166.67
	Net loan - Closing	1500.00	1500.00	1500.00	1333.33	1166.67	1000.00
	Average Net Loan	1500.00	1500.00	1500.00	1416.67	1250.00	1083.33
	Rate of Interest on Loan	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%
	Interest on Loan Annualised	122.25	122.25	122.25	115.46	101.88	88.29
	SBI-VIII D-14 Repayment from 31.01.2022 - 9Y						
	Gross loan - Opening	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	277.78	555.56
	Net loan - Opening	2500.00	2500.00	2500.00	2500.00	2222.22	1944.44
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	2500.00	2500.00	2500.00	2500.00	2222.22	1944.44
	Repayments of Loans during the period	0.00	0.00	0.00	277.78	277.78	277.78
	Net loan - Closing	2500.00	2500.00	2500.00	2222.22	1944.44	1666.67
	Average Net Loan	2500.00	2500.00	2500.00	2361.11	2083.33	1805.56
	Rate of Interest on Loan	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%
	Interest on Loan Annualised	203.75	203.75	203.75	192.43	169.79	147.15

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Calculation of Interest on Actual Loans							Form-13
Name of the Company	NTPC LTD						
Name of the Power Station	Tanda II						
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
		(Amount in lacs)					
	SBI-VIII D-20 Repayment from 31.01.2022 - 9Y						
	Gross loan - Opening	4200.00	4200.00	4200.00	4200.00	4200.00	4200.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	466.67	933.33
	Net loan - Opening	4200.00	4200.00	4200.00	4200.00	3733.33	3266.67
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	4200.00	4200.00	4200.00	4200.00	3733.33	3266.67
	Repayments of Loans during the period	0.00	0.00	0.00	466.67	466.67	466.67
	Net loan - Closing	4200.00	4200.00	4200.00	3733.33	3266.67	2800.00
	Average Net Loan	4200.00	4200.00	4200.00	3966.67	3500.00	3033.33
	Rate of Interest on Loan	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%
	Interest on Loan Annualised	342.30	342.30	342.30	323.28	285.25	247.22
	SBI -VIII Total						
	Gross loan - Opening	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	2000.00	4000.00
	Net loan - Opening	18000.00	18000.00	18000.00	18000.00	16000.00	14000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	18000.00	18000.00	18000.00	18000.00	16000.00	14000.00
	Repayments of Loans during the period	0.00	0.00	0.00	2000.00	2000.00	2000.00
	Net loan - Closing	18000.00	18000.00	18000.00	16000.00	14000.00	12000.00
	Average Net Loan	18000.00	18000.00	18000.00	17000.00	15000.00	13000.00
	Rate of Interest on Loan	8.15%	8.15%	8.15%	8.15%	8.15%	8.15%
	Interest on Loan Annualised	1467.00	1467.00	1467.00	1385.50	1222.50	1059.50
	HDFC Bank Ltd. -III Repayment from 04.12.2021 - 9Y						
	Gross loan - Opening	20000.00	20000.00	20000.00	20000.00	20000.00	20000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	2222.22	4444.44
	Net loan - Opening	20000.00	20000.00	20000.00	20000.00	17777.78	15555.56
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	20000.00	20000.00	20000.00	20000.00	17777.78	15555.56
	Repayments of Loans during the period	0.00	0.00	0.00	2222.22	2222.22	2222.22
	Net loan - Closing	20000.00	20000.00	20000.00	17777.78	15555.56	13333.33
	Average Net Loan	20000.00	20000.00	20000.00	18888.89	16666.67	14444.44
	Rate of Interest on Loan	8.450%	8.450%	8.450%	8.450%	8.450%	8.450%
	Interest on Loan Annualised	1690.00	1690.00	1690.00	1596.11	1408.33	1220.56

SPW

Calculation of Interest on Actual Loans							Form-13
Name of the Company		NTPC LTD					
Name of the Power Station		Tanda II					
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
	HDFC Bank Ltd. - III Repayment from 04.12.2021 - 9Y						
	Gross loan - Opening	900.00	900.00	900.00	900.00	900.00	900.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	100.00	200.00
	Net loan - Opening	900.00	900.00	900.00	900.00	800.00	700.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	900.00	900.00	900.00	900.00	800.00	700.00
	Repayments of Loans during the period	0.00	0.00	0.00	100.00	100.00	100.00
	Net loan - Closing	900.00	900.00	900.00	800.00	700.00	600.00
	Average Net Loan	900.00	900.00	900.00	850.00	750.00	650.00
	Rate of Interest on Loan	8.450%	8.450%	8.450%	8.450%	8.450%	8.450%
	Interest on Loan Annualised	76.05	76.05	76.05	71.83	63.38	54.93
	HDFC Bank Ltd. - III Repayment from 04.12.2021 - 9Y						
	Gross loan - Opening	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	388.89	777.78
	Net loan - Opening	3500.00	3500.00	3500.00	3500.00	3111.11	2722.22
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3500.00	3500.00	3500.00	3500.00	3111.11	2722.22
	Repayments of Loans during the period	0.00	0.00	0.00	388.89	388.89	388.89
	Net loan - Closing	3500.00	3500.00	3500.00	3111.11	2722.22	2333.33
	Average Net Loan	3500.00	3500.00	3500.00	3305.56	2916.67	2527.78
	Rate of Interest on Loan	8.450%	8.450%	8.450%	8.450%	8.450%	8.450%
	Interest on Loan Annualised	295.75	295.75	279.32	246.46	213.60	
	HDFC - III - Total						
	Gross loan - Opening	24400.00	24400.00	24400.00	24400.00	24400.00	24400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	2711.11	5422.22
	Net loan - Opening	24400.00	24400.00	24400.00	24400.00	21688.89	18977.78
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	24400.00	24400.00	24400.00	24400.00	21688.89	18977.78
	Repayments of Loans during the period	0.00	0.00	0.00	2711.11	2711.11	2711.11
	Net loan - Closing	24400.00	24400.00	24400.00	21688.89	18977.78	16266.67
	Average Net Loan	24400.00	24400.00	24400.00	23044.44	20333.33	17622.22
	Rate of Interest on Loan	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%
	Interest on Loan Annualised	2061.80	2061.80	1947.26	1718.17	1489.08	

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Calculation of Interest on Actual Loans							Form-13
Name of the Company		NTPC LTD					
Name of the Power Station		Tanda II					
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
	ICICI-IV D-1 Total repayment from 16.02.2023 -9Y						
	Gross loan - Opening	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00
	Cumulative repayments of Loans upto previous period	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.60%	8.60%	8.60%	8.60%	8.60%	8.60%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
	ICICI-IV D-3 Total repayment from 16.02.2023 -9Y						
	Gross loan - Opening	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00
	Cumulative repayments of Loans upto previous period	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.60%	8.60%	8.60%	8.60%	8.60%	8.60%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
	ICICI-IV D-4 Total repayment from 16.02.2023 -9Y						
	Gross loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Cumulative repayments of Loans upto previous period	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.600%	8.600%	8.600%	8.600%	8.600%	8.600%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00

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Calculation of Interest on Actual Loans							Form-13
Name of the Company	NTPC LTD						
Name of the Power Station	Tanda II						
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
(Amount in lacs)							
	ICICI -IV Total						
	Gross loan - Opening	8500.00	8500.00	8500.00	8500.00	8500.00	8500.00
	Cumulative repayments of Loans upto previous period	8500.00	8500.00	8500.00	8500.00	8500.00	8500.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
	SBI-X D-1 repayment from 01.10.2024 -9Y						
	Gross loan - Opening	2615.00	2615.00	2615.00	2615.00	2615.00	2615.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	2615.00	2615.00	2615.00	2615.00	2615.00	2615.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	2615.00	2615.00	2615.00	2615.00	2615.00	2615.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	2615.00	2615.00	2615.00	2615.00	2615.00	2615.00
	Average Net Loan	2615.00	2615.00	2615.00	2615.00	2615.00	2615.00
	Rate of Interest on Loan	8.250%	8.250%	8.250%	8.250%	8.250%	8.250%
	Interest on Loan Annualised	215.74	215.74	215.74	215.74	215.74	215.74
	SBI-X D-2 repayment from 01.10.2024 -9Y						
	Gross loan - Opening	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00
	Average Net Loan	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00
	Rate of Interest on Loan	8.250%	8.250%	8.250%	8.250%	8.250%	8.250%
	Interest on Loan Annualised	288.75	288.75	288.75	288.75	288.75	288.75

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Calculation of Interest on Actual Loans							Form-13
Name of the Company		NTPC LTD					
Name of the Power Station		Tanda II					
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
	SBI-X D-7 repayment from 01.10.2024 -9Y						
	Gross loan - Opening	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Average Net Loan	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Rate of Interest on Loan	8.250%	8.250%	8.250%	8.250%	8.250%	8.250%
	Interest on Loan Annualised	1237.50	1237.50	1237.50	1237.50	1237.50	1237.50
	SBI -X Total						
	Gross loan - Opening	21115.00	21115.00	21115.00	21115.00	21115.00	21115.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	21115.00	21115.00	21115.00	21115.00	21115.00	21115.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	21115.00	21115.00	21115.00	21115.00	21115.00	21115.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	21115.00	21115.00	21115.00	21115.00	21115.00	21115.00
	Average Net Loan	21115.00	21115.00	21115.00	21115.00	21115.00	21115.00
	Rate of Interest on Loan	8.25%	8.25%	8.25%	8.25%	8.25%	8.25%
	Interest on Loan Annualised	1741.99	1741.99	1741.99	1741.99	1741.99	1741.99
	SBI IX D-1 repayment from 31.03.2021 -9Y						
	Gross loan - Opening	1200.00	1200.00	1200.00	1200.00	1200.00	1200.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1200.00	1200.00	1200.00	1066.67	933.33	800.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	1200.00	1200.00	1200.00	1066.67	933.33	800.00
	Repayments of Loans during the period	0.00	0.00	133.33	133.33	133.33	133.33
	Net loan - Closing	1200.00	1200.00	1066.67	933.33	800.00	666.67
	Average Net Loan	1200.00	1200.00	1133.33	1000.00	866.67	733.33
	Rate of Interest on Loan	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%
	Interest on Loan Annualised	97.80	97.80	92.37	81.50	70.63	59.77

Sum.

Calculation of Interest on Actual Loans										Form-13
Name of the Company	NTPC LTD									
Name of the Power Station	Tanda II									
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)	(Amount in lacs)		
	SBI IX D-4 repayment from 31.03.2021 -9Y									
	Gross loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	333.33	666.67	1000.00	1000.00	1000.00	1000.00
	Net loan - Opening	3000.00	3000.00	3000.00	2666.67	2333.33	2000.00	2000.00	2000.00	2000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3000.00	3000.00	3000.00	2666.67	2333.33	2000.00	2000.00	2000.00	2000.00
	Repayments of Loans during the period	0.00	0.00	333.33	333.33	333.33	333.33	333.33	333.33	333.33
	Net loan - Closing	3000.00	3000.00	2666.67	2333.33	2000.00	1666.67	1666.67	1666.67	1666.67
	Average Net Loan	3000.00	3000.00	2833.33	2500.00	2166.67	1833.33	1833.33	1833.33	1833.33
	Rate of Interest on Loan	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%
	Interest on Loan Annualised	244.50	244.50	230.92	203.75	176.58	149.42	149.42	149.42	149.42
	SBI IX D-5 repayment from 31.03.2021 -9Y									
	Gross loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	666.67	1333.33	2000.00	2000.00	2000.00	2000.00
	Net loan - Opening	6000.00	6000.00	6000.00	5333.33	4666.67	4000.00	4000.00	4000.00	4000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	6000.00	6000.00	6000.00	5333.33	4666.67	4000.00	4000.00	4000.00	4000.00
	Repayments of Loans during the period	0.00	0.00	666.67	666.67	666.67	666.67	666.67	666.67	666.67
	Net loan - Closing	6000.00	6000.00	5333.33	4666.67	4000.00	3333.33	3333.33	3333.33	3333.33
	Average Net Loan	6000.00	6000.00	5666.67	5000.00	4333.33	3666.67	3666.67	3666.67	3666.67
	Rate of Interest on Loan	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%	8.150%
	Interest on Loan Annualised	489.00	489.00	461.83	407.50	353.17	298.83	298.83	298.83	298.83
	SBI - IX Total									
	Gross loan - Opening	10200.00	10200.00	10200.00	10200.00	10200.00	10200.00	10200.00	10200.00	10200.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	1133.33	2266.67	3400.00	3400.00	3400.00	3400.00
	Net loan - Opening	10200.00	10200.00	10200.00	9066.67	7933.33	6800.00	6800.00	6800.00	6800.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	10200.00	10200.00	10200.00	9066.67	7933.33	6800.00	6800.00	6800.00	6800.00
	Repayments of Loans during the period	0.00	0.00	1133.33	1133.33	1133.33	1133.33	1133.33	1133.33	1133.33
	Net loan - Closing	10200.00	10200.00	9066.67	7933.33	6800.00	5666.67	5666.67	5666.67	5666.67
	Average Net Loan	10200.00	10200.00	9633.33	8500.00	7366.67	6233.33	6233.33	6233.33	6233.33
	Rate of Interest on Loan	8.15%	8.15%	8.15%	8.15%	8.15%	8.15%	8.15%	8.15%	8.15%
	Interest on Loan Annualised	831.30	831.30	785.12	692.75	600.38	508.02	508.02	508.02	508.02

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Calculation of Interest on Actual Loans							Form-13
Name of the Company	NTPC LTD						
Name of the Power Station	Tanda II						
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
	SBI XI D-1 repayment from 01.10.2022 -9Y						
	Gross loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	1111.11	2222.22
	Net loan - Opening	10000.00	10000.00	10000.00	10000.00	8888.89	7777.78
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	10000.00	10000.00	10000.00	10000.00	8888.89	7777.78
	Repayments of Loans during the period	0.00	0.00	0.00	1111.11	1111.11	1111.11
	Net loan - Closing	10000.00	10000.00	10000.00	8888.89	7777.78	6666.67
	Average Net Loan	10000.00	10000.00	10000.00	9444.44	8333.33	7222.22
	Rate of Interest on Loan	8.350%	8.350%	8.350%	8.350%	8.350%	8.350%
	Interest on Loan Annualised	835.00	835.00	835.00	788.61	695.83	603.06
	SBI XI D-4 repayment from 01.10.2022 -9Y						
	Gross loan - Opening	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	111.11	222.22
	Net loan - Opening	1000.00	1000.00	1000.00	1000.00	888.89	777.78
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	1000.00	1000.00	1000.00	1000.00	888.89	777.78
	Repayments of Loans during the period	0.00	0.00	0.00	111.11	111.11	111.11
	Net loan - Closing	1000.00	1000.00	1000.00	888.89	777.78	666.67
	Average Net Loan	1000.00	1000.00	1000.00	944.44	833.33	722.22
	Rate of Interest on Loan	8.350%	8.350%	8.350%	8.350%	8.350%	8.350%
	Interest on Loan Annualised	83.50	83.50	83.50	78.86	69.58	60.31
	SBI XI D-5 repayment from 01.10.2022 -9Y						
	Gross loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	333.33	666.67
	Net loan - Opening	3000.00	3000.00	3000.00	3000.00	2666.67	2333.33
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3000.00	3000.00	3000.00	3000.00	2666.67	2333.33
	Repayments of Loans during the period	0.00	0.00	0.00	333.33	333.33	333.33
	Net loan - Closing	3000.00	3000.00	3000.00	2666.67	2333.33	2000.00
	Average Net Loan	3000.00	3000.00	3000.00	2833.33	2500.00	2166.67
	Rate of Interest on Loan	8.350%	8.350%	8.350%	8.350%	8.350%	8.350%
	Interest on Loan Annualised	250.50	250.50	250.50	236.58	208.75	180.92

Stw.

Calculation of Interest on Actual Loans							Form-13
Name of the Company		NTPC LTD					
Name of the Power Station		Tanda II					
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.07.2020-31.03.2021)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	(Amount in lacs) 2023-24 (01.04.2023-31.03.2024)
	SBI -XI Total						
	Gross loan - Opening	14000.00	14000.00	14000.00	14000.00	14000.00	14000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	1555.56	3111.11
	Net loan - Opening	14000.00	14000.00	14000.00	14000.00	12444.44	10888.89
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	14000.00	14000.00	14000.00	14000.00	12444.44	10888.89
	Repayments of Loans during the period	0.00	0.00	0.00	1555.56	1555.56	1555.56
	Net loan - Closing	14000.00	14000.00	14000.00	12444.44	10888.89	9333.33
	Average Net Loan	14000.00	14000.00	14000.00	13222.22	11666.67	10111.11
	Rate of Interest on Loan	8.35%	8.35%	8.35%	8.35%	8.35%	8.35%
	Interest on Loan Annualised	1169.00	1169.00	1169.00	1104.06	974.17	844.28
	SBI XII D-1 repayment from 31.03.2026 -9Y						
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Average Net Loan	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Rate of Interest on Loan	8.350%	8.350%	8.350%	8.350%	8.350%	8.350%
	Interest on Loan Annualised	417.50	417.50	417.50	417.50	417.50	417.50
	SBI XII D-3 repayment from 31.03.2026 -9Y						
	Gross loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Average Net Loan	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Rate of Interest on Loan	8.350%	8.350%	8.350%	8.350%	8.350%	8.350%
	Interest on Loan Annualised	250.50	250.50	250.50	250.50	250.50	250.50

STW.

Calculation of Interest on Actual Loans							Form-13
Name of the Company		NTPC LTD					
Name of the Power Station		Tanda II					
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
	SBI -XII Total						
	Gross loan - Opening	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Average Net Loan	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Rate of Interest on Loan	8.35%	8.35%	8.35%	8.35%	8.35%	8.35%
	Interest on Loan Annualised	668.00	668.00	668.00	668.00	668.00	668.00
	PNB-III D-3 repayment from 01.02.2022 -9Y						
	Gross loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	222.22	444.44
	Net loan - Opening	2000.00	2000.00	2000.00	2000.00	1777.78	1555.56
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	2000.00	2000.00	2000.00	2000.00	1777.78	1555.56
	Repayments of Loans during the period	0.00	0.00	0.00	222.22	222.22	222.22
	Net loan - Closing	2000.00	2000.00	2000.00	1777.78	1555.56	1333.33
	Average Net Loan	2000.00	2000.00	2000.00	1888.89	1666.67	1444.44
	Rate of Interest on Loan	8.300%	8.300%	8.300%	8.300%	8.300%	8.300%
	Interest on Loan Annualised	166.00	166.00	166.00	156.78	138.33	119.89
	PNB-III D-5 repayment from 01.02.2022 -9Y						
	Gross loan - Opening	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	1388.89	2777.78
	Net loan - Opening	12500.00	12500.00	12500.00	12500.00	11111.11	9722.22
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	12500.00	12500.00	12500.00	12500.00	11111.11	9722.22
	Repayments of Loans during the period	0.00	0.00	0.00	1388.89	1388.89	1388.89
	Net loan - Closing	12500.00	12500.00	12500.00	11111.11	9722.22	8333.33
	Average Net Loan	12500.00	12500.00	12500.00	11805.56	10416.67	9027.78
	Rate of Interest on Loan	8.300%	8.300%	8.300%	8.300%	8.300%	8.300%
	Interest on Loan Annualised	1037.50	1037.50	1037.50	979.86	864.58	749.31

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Calculation of Interest on Actual Loans							Form-13
Name of the Company		NTPC LTD					
Name of the Power Station		Tanda II					
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
(Amount in lacs)							
	PNB - III Total						
	Gross loan - Opening	14500.00	14500.00	14500.00	14500.00	14500.00	14500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	1611.11	3222.22
	Net loan - Opening	14500.00	14500.00	14500.00	14500.00	12888.89	11277.78
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	14500.00	14500.00	14500.00	14500.00	12888.89	11277.78
	Repayments of Loans during the period	0.00	0.00	0.00	1611.11	1611.11	1611.11
	Net loan - Closing	14500.00	14500.00	14500.00	12888.89	11277.78	9666.67
	Average Net Loan	14500.00	14500.00	14500.00	13694.44	12083.33	10472.22
	Rate of Interest on Loan	8.300%	8.300%	8.300%	8.300%	8.300%	8.300%
	Interest on Loan Annualised	1203.50	1203.50	1203.50	1136.64	1002.92	869.19
	ICICI BANK VI D-5 repayment from 11.09.2024 -9Y						
	Gross loan - Opening	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
	Cumulative repayments of Loans upto previous period	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.600%	8.600%	8.600%	8.600%	8.600%	8.600%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
	ICICI BANK VI D-9 repayment from 11.09.2024 -9Y						
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.600%	8.600%	8.600%	8.600%	8.600%	8.600%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00

Sum.

Calculation of Interest on Actual Loans							Form-13
Name of the Company	NTPC LTD						
Name of the Power Station	Tanda II						
Sl. no.	Particulars	2019-20 (01.10.2019-31.03.2020)	2020-21 (01.04.2020-01.07.2020)	2020-21 (02.07.2020-31.03.2021)	2021-22 (01.04.2021-31.03.2022)	2022-23 (01.04.2022-31.03.2023)	2023-24 (01.04.2023-31.03.2024)
	ICICI - VI Total						
	Gross loan - Opening	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00
	Cumulative repayments of Loans upto previous period	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.600%	8.600%	8.600%	8.600%	8.600%	8.600%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00

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Details of Source wise Fuel for Computation of Energy Charges

Name of the Petitioner: **NTPC Limited**
 Name of the Generating Station: **TANDA STPS Stage-II (2 x 660 MW)**

S. No.	Month	Unit	For preceding 3rd Month (JUL-2019)			For preceding 2nd Month (AUG-2019)			For preceding 1st Month (SEPT-2019)			
			By MGR	By Rail	Imported	By MGR	By Rail	Imported	By MGR	By Rail	Imported	
A)	OPENING QUANTITY											
1	Opening Quantity of	(MT)		3,10,138.69			2,43,129.49				1,87,693.571	
2	Value of Stock	(Rs)		1,14,27,36,732			91,65,86,724.49				70,45,30,012	
B)	QUANTITY											
3	Quantity of Coal/Lignite supplied by	(MT)		1,20,496.78			1,56,536.37				94,917.180	
4	Adjustment (+/-) in quantity supplied made by	(MT)										
5	Coal supplied by Coal/Lignite	(MT)		1,20,496.78			1,56,536.37				94,917.180	
6	Normative Transit & Handling Losses (For	(MT)		963.97			1,252.29				759.337	
7	Net coal / Lignite Supplied (3-4)	(MT)		1,19,532.81			1,55,284.08				94,157.843	
C)	PRICE											
8	Amount charged by the Coal	(Rs.)		32,29,47,716			38,78,54,211				24,65,64,223.100	
9	Adjustment (+/-) in amount charged made by	(Rs.)										
10	Handling, Sampling and such other similar charges	(Rs.)										
11	Total amount Charged	(Rs.)		32,29,47,716			38,78,54,211				24,65,64,223.100	
D)	TRANSPORTATION											
12	Transportation charges by rail/ship/road	(Rs.)										
	By Rail			15,41,56,849			19,10,59,641				11,57,98,960	
	By Road											
	By Ship											
											

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91

Details of Source wise Fuel for Computation of Energy Charges

Name of the Petitioner: **NTPC Limited**
Name of the Generating Station: **TANDA STPS Stage-II (2 x 660 MW)**

S. No.	Month	Unit	For preceding 3rd Month (JUL-2019)			For preceding 2nd Month (AUG-2019)			For preceding 1st Month (SEPT-2019)				
			Domestic		Imported	Domestic		Imported	Domestic		Imported		
			By MGR	By Rail		By MGR	By Rail		By MGR	By Rail			
13	Adjustment (+/-) in amount charged made by	(Rs.)											
14	Demurrage Charges, if any	(Rs.)											
15	Cost of diesel in transporting coal through	(Rs.)											
16	Total Transportation Charges	(Rs.)	15,41,56,849			19,10,59,641			11,57,98,960				
17	Total amount Charged for coal/lignite supplied	(Rs.)	47,71,04,565			57,89,13,852			36,23,63,183				
E)	TOTAL COST												
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./MT	3,769,953			3,753,639			3,785.30				
19	Blending Ratio (Domestic/Imported)												
20	Weighted average cost of coal/ Lignite for preceding three months	Rs./MT	3,769,953			3,753,639			3,785.30				
F)	QUALITY												
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4,366			4,419			4,361				
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4,558			4,269			4,272				
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)											

92

S. M.

Details/Information to be Submitted in respect of Oil for Computation of Energy Charges

Sl.No.	Month	Unit	For Preceding 3rd Month (JUL-2019)	For Preceding 2nd Month (AUG-2019)	For Preceding 1st Month (SEPT-2019)
			LDO	LDO	LDO
1	Quantity of Oil supplied by Oil Company	KL	1,464.970	1,412.970	1,353.970
2	Adjustment(+/-) in quantity supplied made by Oil Company	KL			
3	Oil supplied by Oil Company (1+2)	KL	1,464.970	1,412.970	1,353.970
4	Normative Transit & Handling Losses	KL			
5	Net Oil Supplied (3-4)	KL	1,464.970	1,412.970	1,353.970
6	Amount charged by the Oil Company	(Rs)	7,06,38,116	6,81,30,773	6,52,85,904
7	Adjustment(+/-) in amount charged made by Oil Company	(Rs)			
8	Total amount charged (6+7)	(Rs)	7,06,38,116	6,81,30,773	6,52,85,904
9	Transportation charges by rail / ship / road transport	(Rs)			
10	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)			
11	Demurrage Charges, if any	(Rs)			
12	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs)			
13	Total Transportation Charges (9+10-11+12)	(Rs)			
14	Others -Entry Tax on Oil	(Rs.)			
15	Total amount Charged for fuel supplied including Transportation (8+13+14)	(Rs)	7,06,38,116	6,81,30,773	6,52,85,904
16	Weighted average GCV of Oil as fired	(kCal/L)	9364	9325	9325
17	Weighted average rate of Secondary Fuel	Rs/KL	48218.13	48218.13	48218.13


 (Petitioner)

Details of Water Charges

Name of the Petitioner: NTPC Limited

Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

S. No.	Details of Water charges (excluding water cess)		Quantity allocated	Normative consumption at 85% PLF (U#5)	Rate specified (as per govt. notification or agreement)	Spillage of water (in percentage)	Amount Claimed (in Rs Lakh)
	Name of source and quantity	Amount (in Rs/Lakh)					
1	Saryu River, Mehripur Lift up Canal	164	Unit in Cusec (for both U#5 &6) 40	Unit in Cusec 16.51	Water Charge:Rs 12.48/1000 Cubicfeet Royalty: 6 Lakh/Cusec/Year Water Charge: Rs 12.48/1000 Cubicfeet Royalty: 6 Lakh/Cusec/Year		164

S.M.
(Petitioner)

Details of Statutory Charges


Name of the Petitioner: NTPC Limited
Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

Particulars	Unit Rate	No of Units	Amount Claimed
Electricity Duty	Shall be submitted on actual COD of Unit-1 /truing up exercise.		
Water Cess			
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(Petitioner)

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

Name of the Petitioner: NTPC Limited
Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

Board of Director/ Agency approving the Capital cost estimates:	Board of Directors	
Date of approval of the Capital cost estimates:	10.09.2014	
	Present Day Cost	Completed Cost
Price level of approved estimates	As of 2nd Otr of the year 2014	as on Scheduled COD of the Station
Foreign Exchange rate considered for the Capital cost estimates		
<u>Capital Cost excluding IDC, IEDC & FC</u>		
Foreign Component, if any (In Million US \$ or the relevant Currency) [in Rs Crs]	NA	NA
Domestic Component (Rs. Crs)		
Capital cost excluding IDC, IEDC, FC, FERV & Hedging Cost (Rs. Cr)	7507.91	8282.03
<u>IDC, IEDC, FC, FERV & Hedging Cost</u>		
Foreign Component, if any (In Million US \$ or the relevant Currency) [in Rs Crs]		
Domestic Component (Rs. Crs)		
Total IDC, IEDC, FC, FERV & Hedging Cost (Rs. Crs)	1464.77	1511.42
Working Capital Margin (WCM) (Rs. Crs)	216.3	222.65
<u>Capital cost Including IDC, IEDC, FC, FERV, Hedging Cost & WCM</u>		
Foreign Component, if any (In Million US \$ or the relevant Currency) [in Rs Crs]		
Domestic Component (Rs. Crs)	9188.98	10016.10
Capital cost Including IDC, IEDC & FC (Rs. Crs)	9188.98	10016.10
<u>Schedule of Commissioning</u>		
Scheduled COD of Unit-5	10.01.2019	
Scheduled COD of Unit-6	10.07.2019	
Scheduled COD of last Unit/Block	10.07.2019	
	 (Petitioner)	

Break-up of Capital Cost for New Coal/Lignite based projects

Name of the Petitioner: NTPC Limited

Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

(Amount in Rs Lakh)							
SI (1)	Break Down (2)	As per Investment Approval (3)	Estimated Capitalisation as on Unit-1 anticipated COD (cash basis) (4)	Liabilities /Provisions (5)	Variation (6)=(3-4-5)	Specific Reasons for Variation (7)	Estimated Capital expenditure upto Cut-off date (8)
1	Cost of Land & Site Development						
1.1	Land*						
	Freehold Land	46,000.00	53,368.54	-	-7,368.54		
	Leasehold Land	-	-	-	-		
1.2	Rehabilitation & Resettlement (R&R)	included in 1.1					
1.3	Preliminary Investigation & Site Development	43,832.00	18,516.61	-	25,315.39		
	Total Land & Site Development	89,832.00	71,885.15	-	17,946.85		
2	Plant & Equipment						
2.1	Steam Generator Island	2,16,016.24	1,02,224.40		1,13,791.84		
2.2	Turbine Generator Island	1,10,557.00	52,409.07		58,147.93		
2.3	BOP Mechanical						
2.3.1	External water supply system						
2.3.2	CW system - Mech	6,975.00	1,281.54		5,693.46		
2.3.3	DM water Plant	1,763.00	1,288.80		474.20		
2.3.4	Water pre-treatment plant	3,596.00	1,489.21		2,106.79		
2.3.5	Chlorination Plant	included in 2.3.4					
2.3.6	Fuel Oil system	included in 2.1					
2.3.7	Ash Handling System	22,893.00	7,871.98		15,021.02		
2.3.8	Coal Handling Plant	35,644.00	19,405.63		16,238.37		

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Break-up of Capital Cost for New Coal/Lignite based projects

Name of the Petitioner: NTPC Limited
Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

(Amount in Rs Lakh)							
SI	Break Down (2)	As per Investment Approval (3)	Estimated Capitalisation as on Unit-1 anticipated COD (cash basis) (4)	Liabilities /Provisions (5)	Variation (6)=(3-4-5)	Specific Reasons for Variation (7)	Estimated Capital expenditure upto Cut-off date (8)
2.3.9	Rolling Siding and Locomotives	15,663.00	8,163.77		7,499.23		
2.3.10	MGR				-		
2.3.11	Air Compressor System	included in 2.1					
2.3.12	Air Condition & Ventilation System	3,041.76	998.94		2,042.82		
2.3.13	Fire fighting System	3,389.00	937.25		2,451.75		
2.3.14	Station Piping	3,629.00	1,019.16		2,609.84		
2.3.16	De-salination plant for sea-water intake	Nil	-	-	-		
2.3.17	External coal handling in Jetty, if any	Nil	-	-	-		
	Total BOP Mechanical	96,593.76	42,456.28	-	54,137.48		
2.4	BOP Electrical						
2.4.1	Switch Yard Package	12,918.00	11,216.74		1,701.26		
2.4.2	Transformer Package	10,228.00	5,524.09		4,703.91		
2.4.3	Switch gear Package	4,478.00	2,242.33		2,235.67		
2.4.4	Cables, Cable facilities & grounding/ Lighting / Emergency D.G. set	9,128.00	4,715.93		4,412.07		
	Total BOP Electrical	36,752.00	23,699.09	-	13,052.91		
2.5	Control & Instrumentation(C & I) Package	4,782.00	1,709.66		3,072.34		
	Total Plant & Equipment	5,54,533.00	2,94,383.64	-	2,60,149.36		

Signature

Break-up of Capital Cost for New Coal/Lignite based projects

Name of the Petitioner: NTPC Limited
Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

		(Amount in Rs Lakh)					
SI (1)	Break Down (2)	As per Investment Approval (3)	Estimated Capitalisation as on Unit-1 anticipated COD (cash basis) (4)	Liabilities /Provisions (5)	Variation (6)=(3-4-5)	Specific Reasons for Variation (7)	Estimated Capital expenditure upto Cut-off date (8)
3	Initial Spares	Included in respective package					
4	Civil Works						
4.1	Main plant/ Adm. Building/ CW system	97,610.00	38,814.98		58,795.02		
4.3	Cooling Towers	11,921.00	15,713.69		-3,792.69		
4.4	DM water Plant	included in 2.3.3					
4.5	Clarification plant	included in 2.3.4					
4.6	Chlorination plant	included in 2.3.4					
4.7	Fuel handling & Storage system	included in 2.3.14					
4.8	Coal Handling Plant	included in 2.3.8					
4.9	MGR & Marshalling Yard	included in 2.3.10					
4.1	Ash Handling System	included in 2.3.7					
4.11	Ash disposal area development-Ash Dyke	16256.00	6838.13		9417.87		
4.12	Fire fighting System	included in 2.3.13					
4.13	Township & Colony	26,000.00	914.53		25,085.47		
4.14	Temp. construction & enabling works	included in 1.3					
4.15	Road & Drainage	included in 1.3					
	Total Civil works	1,51,787.00	62,281.33	-	89,505.67		
5	Construction & Pre- Commissioning Expenses						

Shall be filled
after actual COD
of the Unit.

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Break-up of Capital Cost for New Coal/Lignite based projects

Name of the Petitioner: NTPC Limited

Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

		(Amount in Rs Lakh)					
SI (1)	Break Down (2)	As per Investment Approval (3)	Estimated Capitalisation as on Unit-1 anticipated COD (cash basis) (4)	Liabilities /Provisions (5)	Variation (6)=(3-4-5)	Specific Reasons for Variation (7)	Estimated Capital expenditure upto Cut-off date (8)
5.1	Erection Testing and commissioning	Included in respective package					
5.2	Site supervision	Included in respective package					
5.3	Operator's Training	included in 6.1					
5.4	Construction Insurance		4,203.97		-1,177.97		
5.5	Tools & Plant	3,026.00					
5.6	Start up fuel	7,164.00	10,540.66		-3,376.66		
	Total Construction & Pre- Commissioning Expenses	10,190.00	14,744.63	-	-4,554.63		
	Total W/o EDC & IDC	7,16,510.00	3,71,409.60	-	3,45,100.40		
6	Overheads						
6.1	Establishment & Contingency	41,375.00	13,924.35	-	27,450.65		
6.2	Design & Engineering	included in 2.1,2.2,2.3,2.4					
6.3	Audit & Accounts	included in 6.1					
	Total Overheads	41,375.00	13,924.35	-	27,450.65		
7	Total Capital cost excluding IDC & FC						
		7,57,885.00	3,85,333.95	-	3,72,551.05		
8	IDC, FC, FERV & Hedging Cost						
8.1	Interest During Construction (IDC)	1,39,383.00	39,805.95		99,577.05		

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101

Break-up of Capital Cost for New Coal/Lignite based projects

Name of the Petitioner: NTPC Limited

Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

(Amount in Rs Lakh)							
SI (1)	Break Down (2)	As per Investment Approval (3)	Estimated Capitalisation as on Unit-1 anticipated COD (cash basis) (4)	Liabilities /Provisions (5)	Variation (6)=(3-4-5)	Specific Reasons for Variation (7)	Estimated Capital expenditure upto Cut-off date (8)
8.2	Financing Charges (FC)	included in 8.1					
8.3	Foreign Exchange Rate Variation (FERV)	included in 8.1					
8.4	Hedging Cost						
	Total of IDC, FC, FERV & Hedging Cost	1,39,383.00	39,805.95		99,577.05		
9	Working Capital Margin	21,630.00					
10	Capital cost including IDC, FC, FERV & Hedging Cost	9,18,898.00	4,25,139.90		4,93,758.10		

Stu
(Petitioner)

Break-up of Construction/Supply/Service packages

Name of the Petitioner: **NTPC Limited**
Name of the Generating Station: **TANDA STPS Stage-II (2 x 660 MW)**

1	Name/No. of Construction/Supply/Service Package	Land Including R & R	Survey & Investigation	TG Package	ESP Package	SG Package	DM	WTP (Mechanical + Civil) Package	CW Equipment
2	Scope of works (in line with head of cost break-ups as applicable)			S+E	S+E	S+E	S+E	S+E+C	S+E
3	whether awarded through ICB/DCB/Departmentally/Deposit Work			ICB	ICB	ICB	ICB	ICB	ICB
4	No. of bids received		5	7	04	6	3	05	3
5	Date of Award		11.09.2014	18.08.2015	11.09.2014	14.08.2015	23.06.2015	27-May-15	23.06.2015
6	Date of Start of Work		11.09.2014	18.08.2015	11-Sep-14	14.08.2015	23.06.2015	27-May-15	23.06.2015
7	Date of Completion of Work/ Expected date of Completion of work		31.10.2022	31.10.2022	31.10.2022	31.10.2022	31.10.2022	31.10.2022	31.10.2022
8	Value of Award (In Lakh)	57,502.00	132.73	1,17,410.00	20,810.00	1,86,614.49	2,220.00	3,117.61	2,327.37
9	Firm or With Escalation in Prices	Firm		Escalation	Escalation	FC-Firm; SC&TC-With Escalation	Escalation	FC&SC-With Escalation	Escalation
10	Estimated Capitalisation (pertaining to Unit-1) upto anticipated COD of Unit-1 i.e. 01.11.2019 (Rs. Lakh)	53,368.54	132.73	52,409.07	8,986.76	93,237.70	1,288.80	1,489.21	1,281.54
11	Taxes & Duties and IEDC (Rs. Lakh)			2,315.73	334.55	4,176.30	39.99	66.72	51.80
12	IDC, FC, FERV & Hedgin cost (Rs. Lakh)			6,695.61	1,799.19	12,119.15	276.67	208.66	176.18
13	Sub-total (10+11+12) (Rs. Lakh)	53,368.54	132.73	61,420.41	11,120.50	1,09,533.15	1,605.46	1,764.59	1,509.52

Signature

Break-up of Construction/Supply/Service packages

Name of the Petitioner: **NTPC Limited**
Name of the Generating Station: **TANDA STPS Stage-II (2 x 660 MW)**

1	Name/No. of Construction/Supply/Service Package	Station piping	AHP Package	CT -Turnkey Package	AC Package	GHP (Mechanical + Civil) Package	Main Plant, Offsite and Chimney & Chimney Elevator Package	Ventilation (Sterling &Wilson)	FDPS
2	Scope of works (in line with head of cost break-ups as applicable)	S+E	S+E	S+E+C	S+E	S+E+C	C	S+E	S+E
3	whether awarded through ICB/DCB/Departmentally/Deposit Work	ICB	ICB	ICB	ICB	ICB	DCB	ICB	ICB
4	No. of bids received	6	05	3	06	07	07	6	5
5	Date of Award	16.07.2015	16-Mar-16	01.10.2015	7-Aug-15	31-Dec-15	26-Feb-15	24.11.2016	13.08.2015
6	Date of Start of Work	16.07.2015	16-Mar-16	01.10.2015	7-Aug-15	31-Dec-15	26-Feb-15	24.11.2016	13.08.2015
7	Date of Completion of Work/ Expected date of Completion of work	31.10.2022	31.10.2022	31.10.2022	31.10.2022	31.10.2022	31.10.2022	31.10.2022	31.10.2022
8	Value of Award (In Lakh)	1,809.34	13,996.91	25,700.00	870.32	32,147.00	95,695.00	857.71	2,393.40
9	Firm or With Escalation in Prices	Escalation	FC-Firm; SC&TC-With Escalation	Escalation	FC&SC-With Escalation	FC&SC-With Escalation	With Escalation including free issues material	Escalation	Escalation
10	Estimated Capitalisation (pertaining to Unit-1) upto anticipated COD of Unit-1 i.e. 01.11.2019 (Rs. Lakh)	1,019.16	7,871.98	15,713.69	523.71	19,405.63	38,814.98	475.23	937.25
11	Taxes & Duties and IEDC (Rs. Lakh)	40.11	473.28	790.96	29.65	894.92	2,304.26	25.31	30.39
12	IDC, FC, FERV & Hedgin cost (Rs. Lakh)	188.67	468.21	1,862.40	32.69	1,959.69	9,023.59	35.79	188.40
13	Sub-total (10+11+12) (Rs. Lakh)	1,247.94	8,813.47	18,367.05	586.05	22,260.24	50,142.83	536.33	1,156.04

Signature

Break-up of Construction/Supply/Service packages

Name of the Petitioner: **NTPC Limited**
Name of the Generating Station: **TANDA STPS Stage-II (2 x 660 MW)**

1	Name/No. of Construction/Supply/Service Package	C&I Package	Electrical Equipment Supply and Erection Package	Switch Yard Package	Power Transformers	Generator Busduct, Asso. Eq. & MV Busduct Package	LT Switchgear Package	HT Switchgear
2	Scope of works (in line with head of cost break-ups as applicable)	S+E	S+E	S+E+C	S+E	S+E	S+E	S+E
3	whether awarded through ICB/DCB/Departmentally/Deposit Work	ICB	ICB	ICB	ICB	ICB	ICB	ICB
4	No. of bids received	6	07	03	6	03	2	4
5	Date of Award	16.11.2015	13-Nov-15	12-Oct-15	12.06.2015	4-Jun-15	01.06.2015	15.06.2015
6	Date of Start of Work	16.11.2015	13-Nov-15	12-Oct-15	12.06.2015	4-Jun-15	01.06.2015	15.06.2015
7	Date of Completion of Work/ Expected date of Completion of work	31.10.2022	31.10.2022	31.10.2022	31.10.2022	31.10.2022	31.10.2022	31.10.2022
8	Value of Award (In Lakh)	4,484.26	7,774.07	17,783.19	9,912.00	1,029.00	2,781.00	1,818.00
9	Firm or With Escalation in Prices	Firm for C&I Portion for cable escalation	FC&SC-With Escalation	FC-Firm; SC&TC-With Escalation		FC&SC-With Escalation	FC&SC-With Escalation	FC&SC-With Escalation
10	Estimated Capitalisation (pertaining to Unit-1) upto anticipated COD of Unit-I i.e. 01.11.2019 (Rs. Lakh)	1,709.66	3,459.43	11,076.59	5,121.74	402.35	1,383.09	859.24
11	Taxes & Duties and IEDC (Rs. Lakh)	69.70	160.75	455.78	399.43	12.40	48.01	27.44
12	IDC, FC, FERV & Hedgin cost (Rs. Lakh)	225.25	490.52	1,064.87	235.06	89.31	202.76	139.59
13	Sub-total (10+11+12) (Rs. Lakh)	2,004.61	4,110.70	12,597.24	5,756.23	504.06	1,633.86	1,026.27

105

Break-up of Construction/Supply/Service packages

Name of the Petitioner: **NTPC Limited**
Name of the Generating Station: **TANDA STPS Stage-II (2 x 660 MW)**

	Name/No. of Construction/Supply/Service Package	Railway Siding Package	HT Power Cables	LT Power Cables	Ash Dyke	Locomotive	Other Asset (IT, Tools & plant, Lab equipment, Furniture, Office, Store etc)	Enabling Works	Misc Civil works in Township
1	Scope of works (in line with head of cost break-ups as applicable) whether awarded through ICB/DCB/Departmentally/Deposit Work	S+E+C	S	S	C	S+E	S	E+C+Deposit Work	C
2		Domestic/Single Tender	ICB	ICB	DCB	Domestic/Single Tender	Multiple contracts	Multiple contracts	Multiple contracts
3		1	3	3	4	1			
4	No. of bids received	08.06.2015	08.02.2016	22.02.2016	15.09.2016	20.03.2017			
5	Date of Award	08.06.2015	15.03.2016			20.03.2017			
6	Date of Start of Work	31.10.2022	31.10.2022	31.10.2022	31.10.2022	31.10.2022			
7	Date of Completion of Work/ Expected date of Completion of work								
8	Value of Award (In Lakh)	13,002.00	845.00	736.00	15,229.20	3,285.39		26,275.85	
9	Firm or With Escalation in Prices		With Escalation	With Escalation	With Escalation				
10	Estimated Capitalisation (pertaining to Unit-1) upto anticipated COD of Unit-I i.e. 01.11.2019 (Rs. Lakh)	6,244.22	780.59	475.91	6,838.13	1,919.55	4,344.12	18,383.88	914.53
11	Taxes & Duties and IEDC (Rs. Lakh)	360.96	24.41	24.03	410.16	146.10	3.00	194.19	13.96
12	IDC, FC, FERV & Hedgin cost (Rs. Lakh)	170.36	191.04	108.54	166.49	100.85	0.81	1,580.90	4.71
13	Sub-total (10+11+12) (Rs. Lakh)	6,775.54	996.04	608.48	7,414.79	2,166.50	4,347.93	20,158.97	933.20

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Break-up of Construction/Supply/Service packages

Name of the Petitioner: NTPC Limited
Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

1	Name/No. of Construction/Supply/Service Package	Total Construction and Pre-Commissioning Expenses	Total
2	Scope of works (in line with head of cost break-ups as applicable)	S	
3	whether awarded through ICB/DCB/Departmentally/Deposit Work	Start up Power, LDO expenses & all other Cmmg expenses included	
4	No. of bids received		
5	Date of Award		
6	Date of Start of Work		
7	Date of Completion of Work/ Expected date of Completion of work		
8	Value of Award (In Lakh)		6,68,558.84
9	Firm or With Escalation in Prices		
10	Estimated Capitalisation (pertaining to Unit-1) upto anticipated COD of Unit-I i.e. 01.11.2019 (Rs. Lakh)	10,540.66	3,71,409.67
11	Taxes & Duties and IEDC (Rs. Lakh)		13,924.28
12	IDC, FC, FERV & Hedgin cost (Rs. Lakh)		39,805.95
13	Sub-total (10+11+12) (Rs. Lakh)	10,540.66	4,25,139.90

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Details of variables, parameters, optional package etc. for New Project

Name of the Petitioner: NTPC Limited	
Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)	
Unit Size	660MW
Number of Units	TWO(02)
Greenfield/Extension	Greenfield
S. No.	Variables (Design Operating Range) Values
1	Coal Quality - Calorific Value 3300 Kcal / kg
2	Ash Content 40%
3	Moisture Content 15%
4	Boiler Efficiency 85.61%
5	Suspended Particulate Matter 50 Mg / Normal cubic meter
6	Ash Utilization 100%
7	Boiler Configuration SUPER CRITICAL, ONCE THROUGH BOILER, SINGLE REHEAT CYCLE
8	Turbine Heat Rate 1818Kcal/KWHR (TMCR)
9	CW Temperature 33.0 Deg. C
10	Water Source Saryu River, Mehripur liftup Canal
11	Distance of Water Source About 01 kms from the plant
12	Clarifier Type - Reactor 3X1750 Cubic meter per hour
13	Mode of Unloading Oil Rail / Road
14	Coal Unholding Mechanism Track Hopper & Wagon Trippler
15	Type of Fly Ash Disposal and Distance Dry and High Concentration Slurry Disposal Distance 3-4 KM Approx.
16	Type of Bottom Ash Disposal and Distance Lean Slurry Disposal system Distance 3-4 KM Approx.
17	Type of Soil Cohesive Soil
18	Foundation Type (Chimney) Pile and raft
19	Water Table Varies from 4.5 m to 6.0 m
20	Seismic and Wind Zone Zone - Three
21	Condensate Cooling Method Recirculating type cooling water system with Natural draught cooling tower
22	Desalination/RO Plant Demiralization , 2X90 Cubic meter per hour
23	Evacuation Voltage Level 400 KV
24	Type of Coal (Domestic/Imported) Domestic

Parameter/Variables	
Package: SG Package / TG Package	
Completion Schedule	10.01.2019
Terms of Payment	CIF Supply: Initial Advance: 15%, Part payment of Dispatch: 40%, Part Payment of Receipt: 15% ,Mile Stone:20 %,Completion of Facilities: 5% , Successful completion of PG Test: 5%. Ex-Works Supply: Initial Advance: 15%, Part payment of Dispatch: 40%, Part Payment of Receipt: 15% ,Mile Stone:20 %,Completion of Facilities: 5% , Successful completion of PG Test: 5%. Installation: Erection Advance: 10%, Part Payment of Erection-80%,Completion of Facilities: 5% , Successful completion of PG Test: 5%.
Performance Guarantee Liability	Yes
Basis of Price (Firm/Escalation-Linked)	Escalation Linked
Equipment Supplier (Country of Origin)	SG - M/S L&T MHPs BOILERS PRIVATE LTD , Country of Origin- India and Abroad TG - ALSTOM BHARAT FORGE POWER LIMITED, Country of Origin- India & Abroad
Optional Packages	
Desalination Plant/RO Plant	D M Plant
MGR	Nil
Railway Siding	Yes
Unloading Equipment at Jetty	Nil
Rolling Stock/Locomotive	Yes
FGD Plant	Yes
Length of Transmission Line till Tie Point (in km)	60 Km
	(Petitioner)

PART-I
FORM-F

Detail of cost over run

Name of the Petitioner: NTPC Limited

Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

(Amount in Rs. Lakh)

Sl. No. (1)	Break Down	Original Cost (Rs.Lakh) as approved by the Board of Members	Actual/ Estimated Cost as incurred/ to be incurred (Rs. Lakh)	Difference	Reasons for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost
		Total Cost 3	Total Cost 4	Total Cost 5	6	7
1	2					
1						
2						
3						
4						
5						
6						
7						
8						
9						

Shall be provided after actual COD of the Unit#1

Note:

Impact on account of each reason for Cost overrun should be quantified and substantiated with necessary documents and supporting workings.

(Petitioner)

Detail of time over run

Name of the Petitioner: **NTPC Limited**
 Name of the Generating Station: **TANDA STPS Stage-II (2 x 660 MW)**

Sr.No	Description of Activity/Works /Service	Original Schedule (As per Planning)		Actual Schedule (As per Actual)		Time Over-Run	Reasons for delay	Other Activity affected (Mention Sr No of activity affected)
		Start Date	Completion Date	Actual Start Date	Actual Completion Date			
1								
2								
3								
4								
5								
6								
7								
8								
9								

Shall be filled after actual COD of the Unit#1

1. Delay on account of each reason in case of time overrun should be quantified and substantiated with necessary documents and supporting workings.
2. Indicate the activities on critical path

SP
(Petitioner)

Statement of Capital Cost

Name of the Petitioner: NTPC Limited
Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

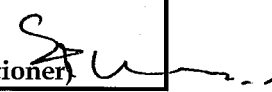
Amount in Rs. Lakhs

A	a) Opening Gross Block Amount as per books
	b) Amount of capital liabilities in A(a) above
	c) Amount of IDC in A(a) above
	d) Amount of FC in A(a) above
	e) Amount of FERV in A(a) above
	f) Amount of Hedging Cost in A(a) above
	g) Amount of IEDC in A(a) above
B	a) Addition in Gross Block Amount during the period (Direct purchases)
	b) Amount of capital liabilities in B(a) above
	c) Amount of IDC in B(a) above
	d) Amount of FC in B(a) above
	e) Amount of FERV in B(a) above
	f) Amount of Hedging Cost in B(a) above
	g) Amount of IEDC in B(a) above
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)
	b) Amount of capital liabilities in C(a) above
	c) Amount of IDC in C(a) above
	d) Amount of FC in C(a) above
	e) Amount of FERV in C(a) above
	f) Amount of Hedging Cost in C(a) above
	g) Amount of IEDC in C(a) above
D	a) Deletion in Gross Block Amount during the period
	b) Amount of capital liabilities in D(a) above
	c) Amount of IDC in D(a) above
	d) Amount of FC in D(a) above
	e) Amount of FERV in D(a) above
	f) Amount of Hedging Cost in D(a) above
	g) Amount of IEDC in D(a) above
E	a) Closing Gross Block Amount as per books
	b) Amount of capital liabilities in E(a) above
	c) Amount of IDC in E(a) above
	d) Amount of FC in E(a) above
	e) Amount of FERV in E(a) above
	f) Amount of Hedging Cost in E(a) above
	g) Amount of IEDC in E(a) above

**Shall be submitted at
the time of actual
COD/ true up of U#1.**

Note:

1. Relevant date/s means date of COD of unit/s/station and financial year start date and end date

(Petitioner) 

112

Statement of Capital Woks in Progress

Name of the Petitioner: NTPC Limited
Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

Amount in Rs. Lakhs

A	a) Opening CWIP as per books
	b) Amount of capital liabilities in A(a) above
	c) Amount of IDC in A(a) above
	d) Amount of FC in A(a) above
	e) Amount of FERV in A(a) above
	f) Amount of Hedging Cost in A(a) above
	g) Amount of IEDC in A(a) above
B	a) Addition in CWIP during the period
	b) Amount of capital liabilities in B(a) above
	c) Amount of IDC in B(a) above
	d) Amount of FC in B(a) above
	e) Amount of FERV in B(a) above
	f) Amount of Hedging Cost in B(a) above
	g) Amount of IEDC in B(a) above
C	a) Transferred to Gross Block Amount during the period
	b) Amount of capital liabilities in C(a) above
	c) Amount of IDC in C(a) above
	d) Amount of FC in C(a) above
	e) Amount of FERV in C(a) above
	f) Amount of Hedging Cost in C(a) above
	g) Amount of IEDC in C(a) above
D	a) Deletion in CWIP during the period
	b) Amount of capital liabilities in D(a) above
	c) Amount of IDC in D(a) above
	d) Amount of FC in D(a) above
	e) Amount of FERV in D(a) above
	f) Amount of Hedging Cost in D(a) above
	g) Amount of IEDC in D(a) above
E	a) Closing CWIP as per books
	b) Amount of capital liabilities in E(a) above
	c) Amount of IDC in E(a) above
	d) Amount of FC in E(a) above
	e) Amount of FERV in E(a) above
	f) Amount of Hedging Cost in E(a) above
	g) Amount of IEDC in E(a) above

Shall be submitted at the time of
actual COD/ Actual CoD U#1

Note:

1. Relevant date/s means date of COD of unit/s/station and financial year start date and end date

(Petitioner) 

113

Calculation of Interest on Normative Loan

Name of the Petitioner: NTPC Limited
Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

S. No.	Particulars	Existing	(Amount in Rs Lakh)				
		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
1	Gross Normative loan - Opening		3,03,651.06	3,39,884.45	3,39,884.45	3,39,884.45	3,39,884.45
2	Cumulative repayment of Normative loan up to previous year		0	9,047.24	31,184.76	53,322.28	75,459.81
3	Net Normative loan - Opening		3,03,651.06	3,30,837.21	3,08,699.69	2,86,562.17	2,64,424.64
	Add-Cap		51,761.99	-	-	-	-
4	Add: Increase due to addition during the year / period		36,233.39	-	-	-	-
5	Less: Decrease due to de-capitalisation during the year / period						
6	Less: Decrease due to reversal during the year / period						
7	Add: Increase due to discharges during the year / period						
	Less: Repayment of Loan		9,047.24	22,137.52	22,137.52	22,137.52	22,137.52
8	Net Normative loan - Closing		3,30,837.21	3,08,699.69	2,86,562.17	2,64,424.64	2,42,287.12
9	Average Normative loan		3,17,244.13	3,19,768.45	2,97,630.93	2,75,493.40	2,53,355.88
10	Weighted average rate of interest		5.7354%	5.7432%	5.7108%	5.6255%	5.5199%
11	Interest on Loan		18,195.13	18,364.94	16,997.15	15,497.78	13,984.89

Calculation of Interest on Working Capital

Name of the Petitioner: NTPC Limited
Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
1	Cost of Coal/Lignite1		14657.47	14657.47	14657.47	14657.47	14657.47
2	Cost of Main Secondary Fuel Oil1		198.01	197.47	197.47	197.47	198.01
3	Fuel Cost2						
4	Liquid Fuel Stock2						
5	O & M Expenses		1215.48	1254.52	1295.22	1337.02	1380.48
6	Maintenance Spares		2,917.16	3,010.85	3,108.53	3,208.85	3,313.16
7	Receivables		23799.94	24,203.88	24,095.91	23973.19	23,822.20
8	Total Working Capital		42,788.06	43,324.18	43,354.59	43,373.99	43,371.33
9	Rate of Interest		12.05%	12.05%	12.05%	12.05%	12.05%
10	Interest on Working Capital		5,155.96	5,220.56	5,224.23	5,226.57	5,226.24

S
Petitioner

Computation of Energy Charges

Name of the Petitioner: **NTPC Limited**
Name of the Generating Station: **TANDA STPS Stage-II (2 x 660 MW)**

Sr.No.	Description	Formula	2019-20 (01.11.2019 to 31.03.2020)	Norms			2023-24
				2020-21	2021-22	2022-23	
	Sp. Oil consumption		0.50	0.50	0.50	0.50	0.50
	Auxiliary consumption		5.75%	5.75%	5.75%	5.75%	5.75%
	Heat Rate		2229.763	2229.763	2229.763	2229.763	2229.763

Computation of Variable Charges

	Unit	2019-20 (01.11.2019 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
Variable Charge (Coal)	p/kwh	231.011	231.011	231.011	231.011	231.011
Variable Charge (Oil)	p/kwh	2.558	2.558	2.558	2.558	2.558
Total	p/kwh	233.569	233.569	233.569	233.569	233.569

Price of fuel from Form-15/15A

Coal Cost	(Rs./MT)	3771.27	3771.27	3771.27	3771.27	3771.27
Oil Cost	(Rs./KL)	48218.13	48218.13	48218.13	48218.13	48218.13

Computation of Fuel Expenses for Calculation of IW

ESO in one year	(MU)	4644.474	4631.784	4631.784	4631.784	4644.474
ESO in one month	(MU)	387.040	385.982	385.982	385.982	387.040
Cost of coal for 1 month	(Rs.Cr.)	89.41	89.17	89.17	89.17	89.41
Cost of oil for 1 month	(Rs.Cr.)	0.99	0.99	0.99	0.99	0.99
Cost of Oil for 2 months	(Rs.Cr.)	1.98	1.97	1.97	1.97	1.98
Energy Expenses for 1 month	(Rs. Cr)	90.40	90.15	90.15	90.15	90.40

	3rd Preceding month	2nd Preceding month	1st Preceding month	Wtd Avg. Unit
Coal				
Wtd. Avg. Price of Coal	3769.95	3753.64	3771.27	Rs./MT
Wtd. Avg. GCV of Coal as received	4030.00	3900.00	3910.00	kCal/Kg
Wtd Avg GCV for ECR Calculation as per Regulation-43(2) (A) minus 85 Kcal/Kg)	3945.00	3815.00	3825.00	kCal/Kg
Sec. Oil				
Wtd. Avg. Price of Secondary Fuel	48218.13	48218.13	48218.13	Rs/KL
Wtd. Avg. GCV of Secondary Fuel	9364	9325	9325	kCal/L

Wtd Avr

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PETITIONER

**Incidental Expenditure during Construction up to Scheduled COD
and up to Actual/anticipated COD**

Name of the Petitioner: NTPC Limited

Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

(Amount in Rs Lakh)

Sl.	Parameters	As on Scheduled COD of Unit-I (10.01.2019)	As on Anticipated COD of Unit-I (01.11.2019)
A	Head of Expenses:		
1	Salaries & Wages	8,989.25	6,093.70
2	Depreciation	1,113.15	761.40
3	Power Charges	644.44	345.98
4	R&M - Bldg	66.73	44.31
5	R&M - Others	809.10	741.28
6	Rates&taxes	16.70	8.30
7	Communication Exp	50.52	45.07
8	Travel exp	401.98	278.04
9	Tender Expenses	207.26	106.54
10	Advertisement & publicity	3.59	2.11
11	Security exp	2,037.61	1,364.18
12	Entertainment exp	26.89	21.72
13	Guest house exp	146.53	111.62
14	Professional Charges	68.40	39.69
15	Legal Exp	69.43	47.45
16	EDP Exp	6.29	3.53
17	Printing exp	7.15	3.86
18	Community development	-	2.10
19	Vehicle hiring	357.73	290.86
20	Tpt veh rung	0.40	0.20
21	Misc Exp	242.56	87.65
22	Bank Charges	30.08	19.56
23	IEDC trfd from CC	8,168.56	3,543.78
A	Total Expenses	23,464.37	13,962.96
B	Income		
1	Power Chrgs Recovered	16.39	11.31
2	Sale tender	0.26	0.13
3	Transit Hostel recoveries	0.15	0.08
4	Misc Income	39.82	27.07
5	Water Charges Recovered	-	0.01
	Total Income	56.62	38.61
	Net Expenses (A-B)	23,407.74	13,924.35

S. P. S. (Petitioner)

Expenditure under different packages up to Scheduled COD and up to Actual/anticipated COD

Name of the Petitioner: NTPC Limited

Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

(Amount in Rs. Lakh)

Sl. No.	Parameters	As on Scheduled COD of Unit-1	As on anticipated COD of Unit-1 (01.11.2019)
1	Package 1	To be provided on true-up/on actual COD of the unit	
2	Package 2		
3	Package 3		
	Total	-	-

S. U.
(Petitioner)

Statement of Liability Flow

Name of the Petitioner: NTPC Limited
 Name of the Generating Station: TANDA STPS Stage-II (2 x 660 MW)

(Amount in Rs Lakh)

Party	Asset / Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2019	Discharges (Year wise)	Reversal (Year wise)
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Liability details Shall be provided on actual COD of U#1


 (Petitioner)

Summary of issue involved in the petition

1 Petitioner : NTPC Limited

2 Subject: Determination of tariff of Tanda STPS, Stage-II (2 x 660 MW) for the period from anticipated COD of Unit # 5 (i.e. 01.11.2019) to 31.03.2024

Prayer:

- i) Approve / determine the capital cost and tariff of Tanda STPS, Stage-II for 2019-24 Tariff period, taking into account the submissions made herein above, in the Forms and Annexures filed herewith permitting the Petitioner to recover Annual Fixed Cost.
- ii) Condone the delay in declaration of commercial operation of Unit-I.
- iii) Grant interim order under Regulation 10(3) of Tariff Regulations 2019 to facilitate billing and allow the Petitioner to provisionally charge tariff from its actual date of Commercial Operation as per this petition till the time the tariff for Tanda STPS, Stage-II (2 X 660 MW) is determined by Hon'ble Commission.
- 3 iv) Grant liberty to the petitioner to approach the Hon'ble Commission seeking approval for implementation of various systems in the instant station to comply with revised emission standards.
- v) Grant liberty to the petitioner to approach the Hon'ble Commission for claiming the Ash Transportation Charges (under O&M expenses) as part of Annual Fixed Charges (AFC).
- vi) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and the publication expenses from the beneficiaries.
- vii) Allow reimbursement of Ash Transportation Charges directly from the beneficiaries quarterly on net basis
- viii) Pass any other order as it may deem fit in the circumstances mentioned above.

Name of Respondents

1. Uttar Pradesh Power Corp. Ltd (UPPCL)
2. Uttarakhand Power Corporation Ltd (UPCL)
- 4 3. Rajasthan Urja Vikas Nigam Limited (RUVNL)
4. Power Development Department (PDD), J&K
5. Haryana Power Purchase Centre (HPPC)
6. Electricity Department (Chandigarh)

Project Scope: TANDA TPS Stage-II (2x660 MW)

Cost: Rs 9188.98 Crs at price level of Q2, 2014

Commissioning: Unit-V in Oct'19 (Anticipated) and Unit-6 in Apr'20 (Anticipated)

Claim	2019-20 (01.11.2019 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
	5 AFC (in Rs Lakh)	84,794.90	88,136.02	87,260.30	86,264.86
Capital cost (in Rs Lakh)	4,59,668.22	4,85,549.21	4,85,549.21	4,85,549.21	4,85,549.21
Initial spare (in Rs Lakh)	included in above				
NAPAF (Gen) (in %)	85				
Any Specific					

120

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No.5/1/2016-Th.II
Government of India
Ministry of Power

Shram Shakti Bhawan, Rafi Marg,
New Delhi-110001
Dated: 18th May, 2017

To,

1. Chairperson,
Central Electricity Authority,
Sewa Bhawan, R.K. Puram,
New Delhi
2. Chairman & Managing Director,
NTPC Limited,
Scope Complex, Lodhi Road
New Delhi-110003
3. Member Secretary,
Northern Regional Power Committee
18-A, S. Jeet Singh Marg, Katwaria Sarai,
New Delhi-11 0016

Subject: **Allocation of Power from Tanda Stage-II TPS (2x660 MW)-reg**

Sir,

I am directed to state that power generated from the Tanda Stage-II TPS (2x660 MW), in Uttar Pradesh, being implemented by NTPC, is allocated with effect from the date of commercial operation of the plant as per details given below:-

NORTHERN REGION STATES	Net Share Rounded Off to two Decimal Place (MW)	% of Installed Capacity
HARYANA	44.07	3.34
J&K	69.39	5.26
RAJASTHAN	87.97	6.66
U.P.	943.45	71.47
UTTARAKHAND	37.93	2.87
CHANDIGARH	5.18	0.39
UNALLOCATED	132.00	10.00
TOTAL (NR)	1320.00	100.00

Note:1) Additional 5% allocation of power to Uttar Pradesh from the Central Share unallocated power from Tanda Stage-II project as per MoP letter dated 26.10.2007.

- 2) The additional allocation to U.P. from the Central Share Unallocated Power to the tune of 66 MW from this project shall be reviewed by Ministry of Power every two years after the issuance of allocation order by Ministry of Power.
- 3) It is also pertinent to mention that full surrendered share of Punjab, Delhi and Himachal Pradesh has been allocated to Uttar Pradesh.

121

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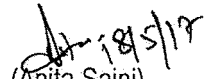
1/2

2. The aforesaid allocation will be operative for pro-rata distribution to the quantum of electricity mentioned above, based on auxiliary consumption, planned outage, forced outage, availability of fuel / water etc. and after taking into account transmission losses.

3. The above allocation will further be subject to the Power Purchase Agreements (PPAs) entered into by NTPC Limited with State Power Utilities and will further be subject to the beneficiaries ensuring compliance with the financial and commercial terms (including coverage for Letter of Credit) of the PPA signed with NTPC Ltd., the tariff notification, any tripartite/ bi-partite agreement signed with NTPC and any other directives/ guidelines issued by the Government of India /Central Electricity Regulatory Commission from time to time.

4. This issues with the approval of the Hon'ble Minister of State (I/C) for Power, Coal and NRE.

Yours faithfully,


(Anita Saini)

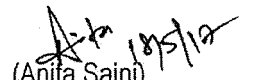
Under Secretary to the Government of India
Telefax: 23719710

Copy to:

1. Chief Secretary, Government of Haryana, Chandigarh
2. Chief Secretary, Government of Jammu & Kashmir, Srinagar
3. Chief Secretary, Government of Rajasthan, Jaipur
4. Chief Secretary, Government of Delhi, New Delhi
5. Chief Secretary, Government of Himachal Pradesh, Shimla
6. Chief Secretary, Government of Uttar Pradesh, Lucknow
7. Chief Secretary, Government of Uttarakhand, Dehradun
8. Advisor to Administrator, UT of Chandigarh

Copy also to:

1. PS to Hon'ble Minister of State (I/C) for Power, Coal and NRE
2. PPS to Secretary (Power)/ JS (Thermal)/Director (Thermal)/Director (OM)


(Anita Saini)

Under Secretary to the Government of India



EXTRACTS FROM THE MINUTES OF 411TH MEETING OF THE BOARD OF DIRECTORS HELD ON WEDNESDAY, SEPTEMBER 10, 2014.

9233 Item No.411.2.16 Tanda STPP, Stage-II (2x660 MW) - Investment Approval

X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X

The Board, after discussions, passed the following resolution:

Resolved that the investment proposal for Tanda Super Thermal Power Project, Stage-II (2x660 MW) at A. F. Ferguson & Co. (AFF) appraised Current Estimated Cost of Rs. 9188.98 Crore including Interest During Construction (IDC) and Financing Charges (FC) of Rs. 1393.83 Crore and Working Capital Margin (WCM) of Rs. 216.30 Crore as of II Qtr.'2014 price level and corresponding Indicative Estimated Completed Cost of Rs. 10016.10 Crore including IDC and FC of Rs. 1511.42 Crore and WCM of Rs. 222.65 Crore, as per the Memorandum submitted before the Board, be and is hereby approved.

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CERTIFIED TRUE COPY

Nandini Sarkar

नन्दिनी सरकार
NANDINI SARKAR
कंपनी सचिव
Company Secretary
एनटीपीसी लिमिटेड / NTPC Limited
NTPC Bhawan, Scope Complex,
7, Institutional Area, Lodhi Road, New Delhi

de

S. Anand

उत्तर प्रदेश शासन

सिंचाई अनुभाग-4

संख्या-2953/11-27-सि-4-08(जल)/82

लखनऊ: दिनांक: 15 जुलाई, 2011

कार्यालय-झाप

जी. 449

18-7-11

CIRCULE
1403
18-7-11

सिंचाई विभाग द्वारा अकृषिकारी उपयोग हेतु विभिन्न उपभोक्ताओं को जल उपलब्ध करने के संबंध में कार्यालय झाप संख्या-1056सख/85-23-सि-3 दिनांक 16-04-85 द्वारा नीति निर्धारित करते हुए जल मूल्य/रायल्टी की दर निर्धारित की गयी थी। उक्त कार्यालय झाप के प्रस्तर-5 के उप प्रस्तर-2 में रायल्टी 50,000 रुपये प्रति क्यूसेक प्रतिवर्ष निर्धारित की गयी थी। कालान्तर में अकृषिकारी उपयोग हेतु पानी की मांग औद्योगिक क्षेत्र व निजी क्षेत्र में होने तथा कोमर्तों में पर्याप्त वृद्धि हो जाने के कारण कार्यालय झाप संख्या-1192/98-27-सि-4-5(डब्लू)/98 दिनांक 26-05-1998 द्वारा अकृषिकारी उपयोग हेतु पानी की रायल्टी दर 50,000 रुपये प्रति क्यूसेक प्रति वर्ष से बढ़ाकर रूपया 1,50,000 प्रति क्यूसेक प्रति वर्ष पुनरीक्षित किया गया था।

2- उत्तर प्रदेश जल प्रबन्धन एवं नियामक आयोग द्वारा अकृषिकारी उपयोग हेतु रायल्टी/जल मूल्य एवं अतिरिक्त जल मूल्य/जल कर की वर्तमान दरों में चार गुना वृद्धि किये जाने के संबंध में प्रदान की गयी सहमति के आलोक में कार्यालय प्रमुख अभियन्ता, सिंचाई विभाग के पत्र संख्या-562/अनिमं-8/यू-6/जी-3 दिनांक 18-11-10 द्वारा रायल्टी/जल मूल्य की दर रुपये 1,50,000 प्रति क्यूसेक प्रति वर्ष में चार गुना वृद्धि करते हुए जल मूल्य की दर रुपये 6,00,000 प्रति क्यूसेक प्रति वर्ष एवं अतिरिक्त जल मूल्य/जल कर की वर्तमान प्रचलित दर रुपये 3.12 (तीन रुपये बारह पैसे मात्र) में चार गुना वृद्धि करते हुए रुपये 12.48 (बारह रुपये अड़तालिस पैसे मात्र) प्रति हजार घन फुट किये जाने का प्रस्ताव शासन को उपलब्ध कराया है।

3- अतः उपर्युक्त प्रस्ताव पर सम्यक विचारोंपरांत राज्यपाल महोदय अकृषिकारी उपयोग हेतु पानी की रायल्टी दर रुपये 1,50,000 (एक लाख पचास हजार रुपये) प्रति क्यूसेक प्रति वर्ष में चार गुना वृद्धि करते हुए रुपये 6,00,000 (छः लाख रुपये) प्रति क्यूसेक/प्रति वर्ष एवं जल कर हेतु रुपये 3.12 (तीन रुपये बारह पैसे मात्र) में चार गुना वृद्धि करते हुए रुपये 12.48 (बारह रुपये अड़तालिस पैसे मात्र) प्रति हजार घन फुट वृद्धि किये जाने की सहर्ष स्वीकृति प्रदान करते हैं।

किशन सिंह अटोरिया
प्रमुख सचिव।

संख्या एवं तददिनांक यद्योपरि।

प्रतिलिपि निम्नलिखित को सूचगार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित-

समस्त प्रमुख सचिव/सचिव, 30प्र0 शासन।

प्रमुख अभियन्ता, सिंचाई विभाग, 30प्र0 लखनऊ।

मुख्य अभियन्ता (जल संसाधन) सिंचाई विभाग, 30प्र0 लखनऊ।

4- निदेशक, एन0आई0सी0 छटा तल योजना भवन लखनऊ को इस अनुरोध के साथ प्रेषित कि इस कार्यालय झाप को सिंचाई विभाग, 30प्र0 शासन के वेबसाइट पर तत्काल अपलोड करने का कष्ट करें।

Unit-6

आज्ञा से,

(जय विलास)

संयुक्त सचिव।

18/7/11

211/5: 8.4048 910



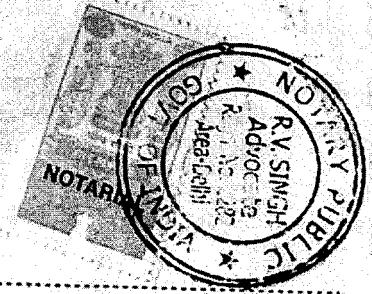
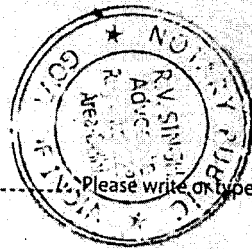
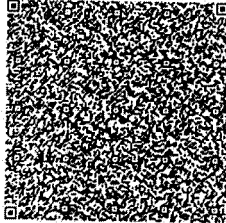
सत्यमेव जयते

INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

e-Stamp

Certificate No. : IN-DL24428736149508R
Certificate Issued Date : 03-Jan-2019 02:20 PM
Account Reference : IMPACC (IV)/ dl720603/ DELHI/ DL-DLH
Unique Doc. Reference : SUBIN-DL72060354033248711941R
Purchased by : NTPC
Description of Document : Article Others
Property Description : Not Applicable
Consideration Price (Rs.) : 0
(Zero)
First Party : NTPC
Second Party : Not Applicable
Stamp Duty Paid By : NTPC
Stamp Duty Amount(Rs.) : 50
(Fifty only)



Please write or type below this line

SUB-DELEGATION OF AUTHORITY

Pursuant to the powers vested under the General Power of Attorney dated 26.12.2018, executed in favour of the undersigned by the Chairman & Managing Director of NTPC Ltd. (A Government of India Company, incorporated under the Companies Act, 1956) having its registered office at NTPC Bhawan, SCOPE Complex, 7, Institutional Area, Lodhi Road, New Delhi-110003 which includes the power to sub-delegate, I, Rajnish Bhagat, Executive Director (Commercial), NTPC Ltd. working in the Corporate Office at NTPC Bhawan, SCOPE- Complex, 7,

Rajnish Bhagat

Page 1 of 2

Statutory Alert:

1. The authenticity of this Stamp Certificate should be verified at www.echiestamp.com. Any discrepancy in the details on this Certificate and as available on the website renders it invalid.
2. The duty of checking the legitimacy is on the users of this certificate.
3. In case of any discrepancy please inform the Competent Authority.

S. Anand

Institutional Area, Lodhi Road, New Delhi - 110003 do hereby authorise and empower the following executives of NTPC Limited namely (1) Sh. Manoj Mathur, GM (Commercial); (2) Sh. Atish Basu Roy, GM (Commercial); (3) Sh. KB Singh, GM (Commercial); (4) Sh. Ashish Kundu, GM (Commercial); (5) Sh. Ajay Dua, GM (Commercial); (6) Sh. Rohit Chhabra, AGM (Commercial); (7) Sh. Shyam Kumar, AGM (Commercial); (8) Sh. Anand Sagar Pandey, AGM (Commercial); (9) Sh. Abhasha Ranjan Mohanty, AGM (Commercial); (10) Sh. Evani Prabhakara Rao, AGM (Commercial); (11) Sh. Ish Paul Uppal, AGM (Commercial); (12) Sh. Uma Shankar Mohanty, AGM (Commercial); (13) Sh. Surya Prakash Kesarwani, DGM (Commercial); (14) Sh. Manoj Kumar Sharma, DGM (Commercial); (15) Sh. Shailendra Singh, DGM (Commercial); (16) Sh. Prashant Chaturvedi, DGM (Commercial); (17) Sh. Manish Jain, DGM (Commercial); (18) Sh. Sachin Jain, DGM (Commercial); (19) Sh. Parimal Piyush, DGM (Commercial); (20) Sh. Vinay Kumar Garg, DGM (Commercial); (21) Sh. Umesh Ambati, DGM (Commercial); (22) Sh. MK Malviya, DGM (Commercial) to exercise the powers mentioned here under relating to cases before Central Electricity Regulatory Commission, Various State Electricity Regulatory Commissions, Appellate Tribunal for Electricity, Various High Courts, Supreme Court and other Courts, Forums, Tribunals and Commissions etc.

1. To institute and defend legal cases, sign and verify plaints, written statements, petitions and objections, memorandum of appeal, claims, affidavits, applications, replications and pleadings of all kinds and to file them in Central Electricity Regulatory Commission, Various State Electricity Regulatory Commissions, Appellate Tribunal for Electricity, Various High Courts, Supreme Court and other Courts, Forums, Tribunals and Commissions etc.
2. To appear and conduct cases before Central Electricity Regulatory Commission, Various State Electricity Regulatory Commission, Appellate Tribunal for Electricity, Various High Courts, Supreme Court and other Courts, Forums, Tribunals and Commissions etc.
3. Generally to do all lawful acts necessary for the above mentioned purposes.

[Signature]

Rajnish Bhagat
Executive Director (Commercial)
NTPC Ltd.



Place: New Delhi
Date: 08/01/2019

Witness 1: *[Signature]*
WIKHROT GUPTA
Manager (Law) NTPC
ENo-045047

Witness 2: *[Signature]*
NSRAN KUMAR
Manager (Comm), NTPC
Emp No: 101210

ATTESTED
[Signature]
Notary Public Delhi

8 JAN 2019 Page 2 of 2



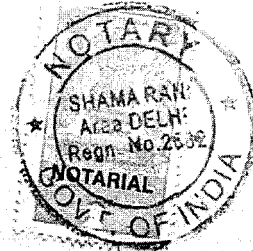
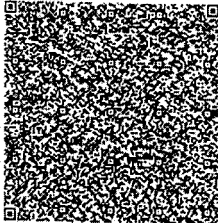
सत्यमेव जयते

INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

e-Stamp

Certificate No. : IN-DL00924945692808Q
Certificate Issued Date : 06-Nov-2018 12:22 PM
Account Reference : IMPACC (IV)/ dl825003/ DELHI/ DL-DLH
Unique Doc. Reference : SUBIN-DL82500307008206322811Q
Purchased by : NTPC LIMITED
Description of Document : Article 48(c) Power of attorney - GPA
Property Description : Not Applicable
Consideration Price (Rs.) : 0
(Zero)
First Party : NTPC LIMITED
Second Party : Not Applicable
Stamp Duty Paid By : NTPC LIMITED
Stamp Duty Amount(Rs.) : 50
(Fifty only)



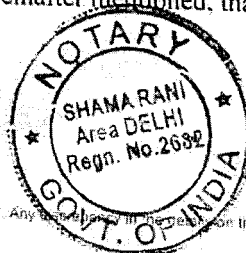
Please write or type below this line.

GENERAL POWER OF ATTORNEY

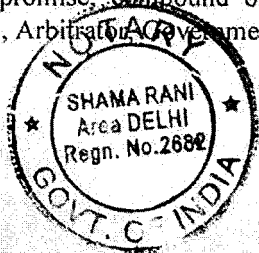
Be it known to all that NTPC Limited (A Government of India Company incorporated under the Companies Act, 1956) having its Registered office at NTPC Bhawan, SCOPE Complex, 7, Institutional Area, Lodi Road, New Delhi-110 003 (hereinafter called "Company") do hereby constitute, nominate and appoint Shri Rajnish Bhagat, Executive Director (Commercial) of the Company as its true and lawful attorney (hereinafter called "Attorney") to do for and on behalf and in the name of the Company all or any of the acts, deeds or things hereinafter mentioned, that is to say:-

Statutory Alert:

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2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.



1. To institute, defend, argue and conduct legal cases, sign and verify plaints, written statements, petitions and objections, criminal complaints, memorandum of appeal, claims, affidavits, applications, replications and pleadings of all kinds and to file them in Central Electricity Regulatory Commission, Appellate Tribunal for Electricity, State Electricity Regulatory Commission etc., any Courts (whether having original or appellate jurisdiction) Arbitration and before Government or Local Authorities or Registration Authorities, Tax Authorities, Tribunals etc.
2. To appear and act in all the Courts (whether original or appellate), before the Taxation Authorities, Central Electricity Regulatory Commission, State Electricity Regulatory Commissions, Tribunals including Appellate Tribunal for Electricity, etc., Arbitrators, any office of Govt. or Distt. Board, Municipal Board of notified area or any other local authority.
3. To file and receive back documents, to deposit and withdraw money from Courts, Tribunals, Registrar's Office and other Government or Local Authorities and to issue valid receipts therefor.
4. To apply for and obtain refund of stamp duty or Court fee etc.
5. To apply for the inspection of Judicial/Official records in any Court, Tribunal, Arbitrator, Government office or records maintained by other Authorities.
6. To apply and obtain certified copies of judgements, or to obtain documents and papers from any Court, Tribunal, Arbitrator, Govt. office or any other Authorities.
7. To issue legal notices and accept services of summons, notices or writs issued by any Court, Tribunal or Arbitrator, Govt. office or any other Authority against the Company.
8. To appoint or engage any Advocate, Vakil, Pleader, Solicitor or any other legal practitioner as attorney to appear and conduct case proceedings on behalf of the Company and to settle their fees and charges etc.
9. To sub-delegate all or any of the aforesaid powers to officers under him.
10. To compromise, compound or withdraw the cases, awards etc. from any Court, Tribunal, Arbitrator or Government or other Authorities.



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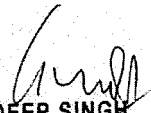
S. M.

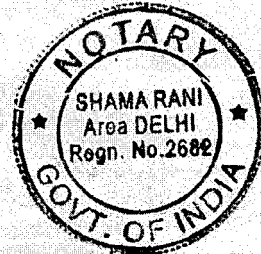
11. To execute deeds, agreements, bonds and other documents and returns in connection with the affairs of the Company and file them or cause to be filed for Registration, whenever necessary.
12. To obtain permission(s) from Govt. of India / Reserve Bank of India or other Authorities, if necessary.
13. Generally to do all lawful acts, necessary for the above mentioned purposes.

The Company hereby agrees to ratify and confirm all and whatsoever the said Attorney shall lawfully do, execute or perform or cause to be done, executed or performed in exercise of the power or authority conferred under and by virtue of this Power of Attorney.

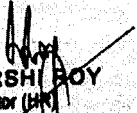
IN WITNESS WHEREOF THE Company in pursuance of the Resolution of the Board of Directors of the Company passed in its Meeting held on 31st January, 2011 has, under the hand of its Chairman & Managing Director and under the Common Seal of the Company, executed this Power of Attorney in favour of Shri Rajnish Bhagat, Executive Director (Commercial) of the Company on this 26th day of December, 2018.

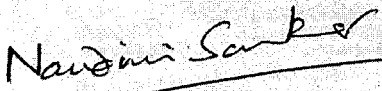
Signed for and on behalf of
NTPC Limited



GURDEEP SINGH
Chairman & Managing Director
NTPC Limited
NTPC Bhawan, Core-7, SCOPE Complex
Lodhi Road, New Delhi-110003



The Common Seal of NTPC Limited
has been affixed hereunto in the
presence of the executant and:-

1. 
SAPTARSHI ROY
Director (HR)
NTPC Limited
NTPC Bhawan, Scope Complex,
7, Institutional Area, Lodhi Road, New Delhi

2. 
NANDINI SARKAR
कंपनी सचिव
Company Secretary
एनटीपीसी लिमिटेड / NTPC Limited
NTPC Bhawan, Scope Complex,
7, Institutional Area, Lodhi Road, New Delhi

ATTESTED

NOTARY PUBLIC
DELHI (INDIA)

26 DEC 2018



एनटीपीसी लिमिटेड

(भारत सरकार का उद्यम)

NTPC Limited

(A Govt. of India Enterprise)

केंद्रीय कार्यालय / Corporate Centre

EXTRACTS FROM THE MINUTES OF 362ND MEETING OF THE BOARD OF DIRECTORS HELD ON MONDAY, JANUARY 31, 2011, NEW DELHI AND AS MODIFIED AT THE 363RD MEETING OF THE BOARD OF DIRECTORS HELD ON 24TH FEBRUARY, 2011 AT NEW DELHI

8062 Item No.362.2.12 Revision of Powers conferred upon the Chairman & Managing Director and authorization to him to sub-delegate* power conferred upon him to executives of the Company

XX	XX	XX	XX	XX	XX	XX
XX	XX	XX	XX	XX	XX	XX

The Board, after discussions, passed the following resolution:

Resolved that in supersession of resolution passed by the Board of Directors in 199th meeting held on 27th January 1999 and subject to the observance of the provisions of the Companies Act, 1956, Memorandum and Article of Association of the Company, relevant directives from the Central Government applicable to the Company, policies, rules, regulations and budgets as may be approved by the Board of Directors from time to time, principles of financial propriety and subject to the general supervision and ultimate control by the Board of Directors, the Chairman & Managing Director be and is hereby authorized to exercise all or any of the powers vested in the Board for the management and administration of the Company; except on the matters as set out in Annexure-A enclosed with the Minutes of Meeting, in respect of which prior approval of the Board of Directors will be necessary.

Further resolved that in special circumstances, where in the opinion of Chairman & Managing Director an immediate decision on any matter (even on items included in Annexure-A but excluding those items which are reserved for the decision of the President of India) is essential, he may within the ambit of operational necessity and efficiency or to meet an emergency take decision on behalf of the Board provided, however, that a report would be made to the Board soon after and its ex-post-facto approval be obtained.

Nandini Sarker

नन्दिनी सरकार
(NANDINI SARKAR)

अति. कंपनी सचिव

Additional Company Secretary

एनटीपीसी लिमिटेड / NTPC Limited

NTPC Bhawan, SCOPE Complex

7, Institutional Area, Lodhi Road, New Delhi

कार्पोरेट पहचान नम्बर : L40101DL1975GOI007966

टेलीफोन नं.: 011-24387333, फैक्स नं.: 011-24361018, ईमेल: ntpccc@ntpc.co.in, वेबसाइट: www.ntpc.co.in

Registered Office : NTPC Bhawan, SCOPE Complex, 7 Institutional Area, Lodi Road, New Delhi-110003

Corporate Identification Number : L40101DL1975GOI007966, Telephone No.: 011-24387333, Fax No.: 011-24361018, E-mail: ntpccc@ntpc.co.in

Website : www.ntpc.co.in

Sarker

Further resolved that the Chairman & Managing Director be and is hereby authorised to sub-delegate* any or all the powers conferred upon him to full time Directors, Executive Directors, General Managers or other officers under him, subject to due control and responsibility being retained by him and further subject to such conditions, as may deem fit, consistent with the need of prompt, effective and efficient discharge of responsibilities entrusted to such a Director/officer and that the Chairman & Managing Director shall vary and/or annul from time to time any such delegation as he may deem necessary.

Further resolved that the Chairman & Managing Director be and is hereby delegated the full powers on behalf of NTPC to institute suits, prosecute cases, defend, compound, compromise or abandon legal proceedings or refer the claims for arbitration and sign vakalatnamas, plaints/ applications, written statements, pleadings and other documents and papers in connection with all cases or proceedings by or against the company or its employees or otherwise concerning the affairs of the company in any courts of Law and /or quasi-judicial authorities or before the taxation or any other Statutory Authorities and he is further authorised to sub-delegate* these powers to Functional Directors or Executive Directors or General Managers or other Officers, and may execute a Special or General Power of Attorney under the common seal of the Company.

* replaced with the word "delegate" vide resolution no. 363.1.9 passed at the 363rd meeting of the Board of Directors held on 24th February, 2011.

Certified True Copy

Nandini Sarkar

नन्दिनी सरकार
(NANDINI SARKAR)
अति. कंपनी सचिव
Additional Company Secretary
एनटीपीसी लिमिटेड / NTPC Limited
NTPC Bhawan, SCOPE Complex,
7, Institutional Area, Lodhi Road, New Delhi

131

[Handwritten signature]

Form-I		
Tanda Super Thermal Power Station, Stage-II (2 X 660 MW)		
Sl.No.	Particulars	
1	Name of the Petitioner/Applicant	NTPC Ltd
2	Address of the Petitioner/Applicant	NTPC Bhawan Core-7, Scope Complex 7, Institutional Area, Lodhi Road New Delhi-110 003
3	Subject Matter	Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 for approval of tariff of Tanda Super Thermal Power Station, Stage-II (2 X 660 MW) for the period from anticipated date of Commercial Operation of the Unit-I (i.e. 15.10.2019) to 31.03.2024.
4	Petition No., if any	
5	Details of generation assets	
	(a) generating station/units	Tanda Super Thermal Power Station, Stage-II (2 X 660 MW)
	(b) Capacity in MW	660 MW (for Unit-I)
	(c) Date of commercial operation	01.11.2019 (Anticipated)
	(d) Period for which fee paid	25.09.2019 to 31.03.2020
	(e) Amount of fee paid	Rs 15,00,000/- only
	(f) Surcharge, if any	Nil
6	Details of transmission assets	
	(a) Transmission line and sub-stations	
	(b) Date of commercial operation	
	(c) Period for which fee paid	N/A
	(d) Amount of fee paid	
	(g) Surcharge, if any	
7	Fee paid for Adoption of tariff for	
	(a) Generation asset	N.A.
	(b) Transmission asset	
8	Application fee for licence	
	(a) Trading licence	
	(b) Transmission licence	N.A.
	(c) Period for which paid	
	(d) Amount of fee paid	
9	Fees paid for Miscellaneous Application	N.A.
10	Fees paid for Interlocutory Application	N.A.
11	Fee paid for Regulatory Compliance petition	N.A.
12	Fee paid for Review Application	N.A.
13	Licence fee for inter-State Trading	
	(a) Category	
	(b) Period	
	(c) Amount of fee paid	N.A.
	(d) Surcharge, if any	
14	Licence fee for inter-State Transmission	
	(a) Expected/Actual transmission charge	
	(b) Period	
	(c) Amount of fee calculated as a percentage of transmission charge.	N.A.
	(d) Surcharge, if any	
15	Annual Registration Charge for Power Exchange	
	(a) Period	
	(b) Amount of turnover	
	(c) Fee paid	N.A.
	(d) Surcharge, if any	
16	Details of fee remitted	
	(a) UTR No.	CMS1247492846
	(b) Date of remittance	24.09.2019
	(c) Amount remitted	Rs 15,00,000 /-

Signature of the authorized
signatory with date