

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for approval of tariff of **Tanda Super Thermal Power Station Stage-II (2x660 MW) for the period from 01.04.2024 to 31.03.2029.**

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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. Rajasthan Urja Vikas Nigam Limited (RUVNL)
Vidyut Bhawan, Janpath,
Jaipur – 302 005 (Rajasthan)
(On Behalf of JVVNL, AVVNL, JdVVNL)
3. Gujarat Urja Vikas Nigam Ltd. (GUVNL)
2nd Floor Sardar Patel Vidyut Bhawan,
Race Course,
Vadodara-390007
4. Power Development Department (PDD)
(Through its Development Commissioner (Power))
Govt. of J&K, Civil Secretariat,
Srinagar
Pin no.- 180001

5. Uttarakhand Power Corporation Ltd. (UPCL)
Urja Bhawan, Kanwali Road
Dehradun – 248 001
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 referred to as 'Petitioner' or 'NTPC'), is a Government of India Company within the meaning of the Companies Act, 1956. Further, it is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.
- 2) In terms of Section 79(1)(a) of Electricity Act, 2003, the Hon'ble Commission has been vested with the functions to regulate the tariff of NTPC, being a Generating Company owned and controlled by the Central Government. The regulation of the tariff of NTPC is as provided under Section 79(1)(a) read with Section 61, 62 and 64 of the Electricity Act, 2003 and the Regulations notified by the Hon'ble Commission in exercise of powers under Section 178 read with Section 61 of the Electricity Act, 2003.
- 3) The Petitioner is having power stations/ projects at different regions and places in the country. Tanda Super Thermal Power Station, Stage-II (2X660 MW) (hereinafter referred to as Tanda St-II) is one such station located in the State of Uttar Pradesh. The power generated from Tanda St-II is being supplied to the respondents herein above.
- 4) It is submitted that Unit-1 of the Tanda St-II achieved COD on 07.11.2019 while Station COD was done on 07.11.2021.
- 5) In accordance with Regulation 9(1) of CERC (Terms & Conditions of Tariff) Regulations 2019, Petition No. 281/GT/2020 for determination of tariff for Tanda St-II was filed before the Hon'ble Commission based on the audited capital expenditure as on COD of U#1 (i.e. 07.11.2019) and COD of the station (i.e. 01.07.2021) and projected estimated additional capital expenditure upto 31.03.2024.

- 6) The tariff for the instant station for the period from 07.11.2019 (i.e. COD of U#1) to 31.3.2024 is yet to be determined by the Hon'ble Commission.
- 7) Further, Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2024 (hereinafter 'Tariff Regulations 2024') which came into force from 01.04.2024, specifying the terms & conditions and methodology of tariff determination for the period 01.04.2024 to 31.03.2029.
- 8) Regulation 9(2) of Tariff Regulations 2024 provides as follows:
"(2) In case of an existing generating station or unit thereof, or transmission system or element thereof, the application shall be made by the generating company or the transmission licensee, as the case may be, by 30.11.2024 , based on admitted capital cost including additional capital expenditure already admitted and incurred up to 31.3.2024 (either based on actual or projected additional capital expenditure) and estimated additional capital expenditure for the respective years of the tariff period 2024-29 along with the true up petition for the period 2019-24 in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2019."

In terms of the above, the Petitioner is filing the present petition for determination of tariff for '**Tanda St-II**' for the period from 01.04.2024 to 31.03.2029 as per the Tariff Regulations 2024.

- 9) The petitioner vide affidavit dated 21.11.2024 had filed a separate true up petition for the period from Station COD (01.07.2021) to 31.03.2024 for revision of tariff in line with the applicable provisions of Tariff Regulations 2019.
- 10) The capital cost claimed in the instant petition is based on the opening capital cost as on 01.04.2024 arrived as per the audited figures submitted in true up petition filed for the period Station COD (01.07.2021) to 31.03.2024 and

projected estimated capital expenditures claimed for the period 2024-29 under Regulation 19 and Regulation 24, 25 and 26 of the Tariff Regulations, 2024.

- 11) It is further submitted that the Petitioner has filed Petition no-281/GT/2020. based on actual capital cost as on COD of U#1 and the station (during the period 2019-24), for which the order has been reserved by the Hon'ble Commission. The outcome of the said petition in conjunction with the truing up petition filed for the tariff period 2019-24 shall determine the capital cost as on 31.03.2024. Accordingly, the opening capital cost for the period 2024-29 (as on 01.04.2024) may be considered by Hon'ble Commission for approval of tariff for the period 2024-29.
- 12) The Petitioner further respectfully submits that as per Regulation 36(1)(6) of the Tariff Regulations 2024, the water charges, security expenses, ash transportation expenses and capital spares consumed for thermal generating stations are to be allowed separately. The Petitioner is claiming the water charges based on the estimated expenses for the period 2024-29, the same shall be subject to retrospective adjustment based on actuals at the time of truing up. The details in respect of water charges such as type of cooling water system, water consumption, rate of water charges as applicable for 2023-24 have been furnished below. In accordance with provision of the Regulations, the petitioner shall be furnishing the details of actual for the relevant year at the time of truing up and the same shall be subject to retrospective adjustment.

Description	Remarks
Type of Plant	Coal based station
Type of cooling water system	Closed cycle
Rate of Water charges	Rs. 12.48 per 1000 cubic feet
Rate of Royalty	Rs. 6 Lakh per cusec per year
Total Water Charges	Rs. 295.66 lacs

- 13) Similarly, the Petitioner is claiming the security & ash transportation expenses based on the estimated expenses for the period 2024-29, the same shall be subject to retrospective adjustment based on actuals at the time of truing up. In respect of capital spares consumption, it is submitted that the same shall be

claimed at the time of true-up in terms of the proviso to the Regulation 36(1)(6) based on actual consumption of spares during the period 2024-29.

14) Station Heat Rate:

It is submitted that the Steam Generator (“**SG**”) and Turbine Generator (“**TG**”) packages, in the instant station, were conceived during the control period of CERC (Terms and Conditions of Tariff) Regulations, 2009 (“**Tariff Regulations 2009**”) as Notice Inviting Tender (“**NIT**”) for SG was issued on 22.03.2011 and for TG was issued on 17.10.2013. The Tariff Regulations 2009, provided the maximum Turbine Cycle Heat Rate as 1850 kCal/kWh and Min. Boiler efficiency as 85% for similar sized units. The Guaranteed Design Gross Turbine Cycle Heat Rate and design Boiler Efficiency of the plant was specified in the NIT keeping in mind the ceiling parameters of Heat Rate & boiler efficiency provided in the then prevailing Tariff Regulations. Based on the same, the equipment was ordered through International Competitive Bidding (“**ICB**”). Accordingly, Petitioner could procure SG for the Station package having the design boiler efficiency of 85.61% which is more than the minimum boiler efficiency of 85% provided in the prevailing Tariff Regulations 2009. Further, the Petitioner could order TG package having Design Turbine Cycle Heat rate for the Station with 1818 kCal/kWh.

It is submitted that it was not possible for the Petitioner to contemplate or specify the efficiency parameters at the time of finalizing the contracts on the instant station as per the efficiency parameters specified in Tariff Regulations 2019, which are more stringent. Accordingly, it is humbly submitted that Station Heat rate may be considered based on design parameters. In this regard, in a similar case, this Hon’ble Commission, in its Order dated 20.02.2014 in Petition No. 160/GT/2012, has considered the design parameters for computing Gross Heat Rate of the station with appropriate operating margin and has stated as under:

“161. As per the guaranteed turbine cycle heat rate of 1945 kCal/kWh and boiler efficiency of 88.5% along with the deviation of 6.5 % as per the 2009 Tariff Regulations, the Gross Heat Rate works out to 2340.59 kcal/kWh. Without the margin of Auxiliary consumption of 6.5%, the Gross Heat Rate works out as 2197.74 kcal/kWh. In light of this, achieving a GSHR of 2220 kcal/kWh as per submission of the respondents 1 to 6 is not possible. Also, the EPC contract was finalized in 2006 and there was no possibility for the petitioner to specify the

Station Heat Rate as per the 2009 Tariff Regulations. In view of above, we consider a GSHR of 2340.59 kCal/kWh based on guaranteed turbine cycle heat rate 1945 kCal/kWh and boiler efficiency of 88.5% with a deviation of 6.5 % from the guaranteed design value.”

Further, if the Petitioner had stipulated more stringent unit heat rate, it would have increased the Capital Cost commensurate to the efficiency parameters sought. The benefit of the lower Capital Cost due to relatively lower efficiency parameters has already been passed onto the beneficiaries in terms of lower Capital Cost. If now the boiler efficiency for working out the normative heat rate is considered as 86% instead of the actual design efficiency of 85.61%, the unit heat rate would be worked out to be 2219.65 kcal/kwh and the operating margin available over the design heat rate would be 4.52% only which is much less than the operating margin of 5% allowed in the Tariff Regulations 2019. Moreover, it is submitted that boiler efficiency is largely a function of coal quality. In view of above submission, it is humbly prayed that the Gross Station Heat Rate may be allowed based on guaranteed turbine cycle heat rate of 1818 kcal/kwh and boiler efficiency of 85.61% with an operating margin of 5% from the guaranteed design value. It is to be noted that the tariff computation attached at Appendix-I is based on considering Station Heat Rate as per design heat rate with applicable operating margin of 5%.

- 15) However, it is submitted that the expenditure towards the ash transportation charges is recurring in nature and the Petitioner has been incurring ash transportation expenditure in its stations in the current tariff period also. In case the same is permitted to be recovered after the issuance of the tariff order for the period 2024-29, there will be additional liability on the beneficiary on account of the interest payment for the period till the time the tariff petitions for the period 2024-29 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 on a monthly basis subject to true-up at the end of the 2024-29 period.
- 16) The petitioner humbly submits that petition no. 227/MP/2024 has been filed by the petitioner concerning Ash Transport Expenditure for its stations which is

under active consideration of this Hon'ble Commission and the outcome of the said petition will be applicable to the instant petition also.

- 17) Moreover, Hon'ble Commission considering these factors had allowed the monthly recovery of the Ash transportation expenses to NTPC Ltd. vide its Order dated 28.10.2022 in Petition No. 205/MP/2021, subject to prudence check at the time of truing up.
- 18) The present petition is filed on the basis of norms specified in the Tariff Regulations 2024. It is submitted that the petitioner is in the process of commissioning of the FGD system as Emission Control Systems (ECS) in compliance of the Revised Emission Standards as notified by MOEF vide notification dated 07.12.2015 as amended. FGD was envisaged under original scope of works. It is expected to be commissioned in FY 2024-25. Based on the expected commissioning of the FGD, calculation of annual fixed charges has been done after incorporating necessary inputs as per extant Regulations.
- 19) The petitioner has accordingly calculated the tariff for 2024-29 period based on the above and the same is enclosed as **Appendix-I** to this petition.
- 20) **Cut Off Date Extension:**

It is submitted that the as per the Terms & Conditions of Tariff Regulation 2019 the cut-off date of Tanda St-II is 31.07.2024. The expenditure of approx. Rs 1116.46 Cr pertaining to certain balance works under original scope of work for the instant station are envisaged to get spilled over beyond cut-off date on account of the various reasons beyond the reasonable control of the petitioner and despite regular monitoring & follow-up by the petitioner.

The major works spilling over is of FGD (Rs 761 Cr), Township (208 Cr) and remaining works of SG, civil works, & CHP area which account for approx. 94% of the total projected expenditure under original scope works.

It is further submitted that more than 91% of the spill over works are expected to be capitalized in FY: 2024-25 i.e. within succeeding financial year from cut-off date.

It is respectfully submitted that the prime concern of the petitioner was to commence the commercial operation of the unit to serve the beneficiaries at the earliest by supplying affordable and reliable power. Accordingly, the works pertaining to power generation and supply were prioritised despite the various uncontrollable factors described in the Petition No-281/GT/2020 by the Petitioner. The cascading effect of the same was evident, however the Petitioner executed the project with meticulous planning and prioritization crashing the critical path, so that the supply of power to the beneficiaries may be made possible at the earliest. The delayed work comprises installation of Wet FGD, incorporated in the scope based on the notification issued by MOEF, GOI. Subsequently, its technology selection, tender floating and award of work had taken the procedural time. However, the work is at fast pace and is expected to be capitalised as per the projection made in the instant petition. The Township works (Non-COD works) are majorly the civil works, which got hampered on account of cascading effect as well as critical path crashing for COD due to reasons like spread of Corona pandemic, Law and order problem in land acquisition, non-availability of sand due to ban on sand mining, excessive rains etc. as provided in the COD Petition by the Petitioner. Apart from FGD & Township work, the balance spilled over works contributes to only 1.66% of approved cost. It is also submitted that the delay has no negative implications to the beneficiaries, rather it has saved them from front loading in tariff. In view of the aforesaid reasons, the generator should not be penalized for its work-efficiency in declaring the COD at the earliest and also when the Non-COD related balance works got delayed due to the reasons not attributable to the petitioner.

In view of the above, the Hon'ble Commission may be pleased to condone the expected delay in completion of above works and allow the capitalization of the same for the tariff purpose during the tariff period 2024-29 (As per Form-9A), by relaxing the cut-off date beyond 31.01.2024 exercising its powers under Power to Relax under Regulation-102 of Tariff Regulations, 2024.

- 21) The Petitioner humbly submits that the pay/wage revision for the employees of the Petitioner will be due wef 01.01.2027. Further, the wage/pay revision of

CISF and Kendriya Vidyalaya employees will also be due for revision during the tariff period 2024-29. Regulation-36(1)(8) of CERC (Terms & Conditions of Tariff) Regulations-2024 provides as below:

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

In accordance with the above said regulation, the Petitioner shall approach the Hon’ble Commission for allowing the impact of Pay/wage revision of employees of the Petitioner, CISF and Kendriya Vidyalaya as additional O&M at the time of truing-up of tariff for the control period 2024-29. Hon’ble Commission may be pleased to consider the impact of wage/pay revision as an additional impact on O&M and allow the same as additional O&M over and above the normative O&M.

22) Form-15

It is submitted that in terms of Regulation 60 (5) of the Tariff Regulations 2024, the Petitioner is required to furnish details qua providing the details of Landed Price & Gross Calorific Value (“GCV”) of coal in Form 15. It is further submitted that the Petitioner in terms of Regulation 40 of the Tariff Regulations 2019 was required to furnish the details for Landed Price & GCV of coal also as per Form 15 of the Tariff Regulations, 2019.

However, in so far as the present Petition is concerned, the Petitioner has prepared & submitted the data of coal as per Form 15 of the Tariff Regulations, 2019. The same is because of the following reasons:-

- a) This Hon’ble Commission had notified the Tariff Regulations, 2019 on 07.03.2019 and the same was in effect till 31.03.2024.
- b) The Petitioner being a diligent utility has been seamlessly providing the said data of coal in terms of the prescribed format (i.e. Form 15 of Annexure-I (Part I)) of the Tariff Regulations, 2019 to this Hon’ble Commission for computation of Interest on Working Capital.

- c) Thereafter, this Hon'ble Commission on 15.03.2024 notified the Tariff Regulations, 2024, wherein the format of Form 15 was changed/ amended by this Hon'ble Commission and a new format was placed in the Tariff Regulations 2024 in the month of June'2024.
- d) By virtue of the said change, the Petitioner has been obligated to furnish the data of coal for its existing plants month wise for the preceding 12 months i.e. for FY 2023-24 for computation of Interest on Working Capital.

It is humbly submitted that by virtue of the Tariff Regulations, 2024, this Hon'ble Commission has added a new format/ revised the format of Form-15 which has not prescribed in the past Tariff Regulations i.e. of 2019. Hence, it is only now (in the Tariff Regulations 2024) that the Petitioner has been obligated to furnish the data of coal as per the new format of Form-15.

It is respectfully submitted that since the format for Form 15 has been changed in Tariff Regulations, 2024 and was notified in the month of June'2024, the Petitioner could not have been aware about the said changes earlier, hence the Petitioner did not maintain the data required in new format of Form 15 of Tariff Regulations, 2024.

Therefore, this Hon'ble Commission may kindly exempt the Petitioner from furnishing the data of coal in terms of new format of Form 15 of the Tariff Regulations, 2024 & may be allowed to furnish the details of coal for FY 2023-24 in terms of the prescribed format of Form-15 of the Tariff Regulations, 2019.

In light of the above submissions, it may kindly be noted that no prejudice shall be caused to any party if the Petitioner is allowed for providing the details of Landed Price & GCV of coal to this Hon'ble Commission in terms of Form 15 of the Tariff Regulations, 2019 as the value of Landed Price & GCV of coal will remain unaffected.

- 23) It is submitted that the Petitioner has served the copy of the Petition on to the Respondents mentioned herein above and has posted the Petition on the company website i.e. <https://ntpc.co.in/>.
- 24) In accordance with the 'Conduct of Business Regulations 2023' of the Hon'ble Commission, the Petitioner shall, within 7 days after filing the tariff petition, publish a notice about such filing in at least two daily leading digital newspapers one in English language and another in any of the Indian languages, having wide circulation in each of the States and Union Territories where the beneficiaries are situated, as per Form 14 appended to these regulations. Subsequently, the Petitioner shall submit the proof of publications as soft copies of the publications under an affidavit through the e-filing portal of the Hon'ble Commission within one week from the date of publication. Further, the Petitioner shall also submit the detail of expenses incurred for publication of the notice along with the prayer for recovery of Publication Expenses as per Regulation-94 of CERC Tariff Regulations 2024.
- 25) It is submitted that the Petitioner has already paid the requisite filing fee vide UTR No. c7a26bfeca87456c02fd on 24.04.2024 for the year 2024-25 and the details of the same have been duly furnished to the Hon'ble Commission. For the subsequent years, it shall be paid as per the provisions of the CERC (Payment of Fees) Regulations, 2012 as amended. Further Regulation 94 (1) of Tariff Regulations 2024 provides that the application fee and publication expenses may be allowed to be recovered directly from the beneficiaries at the discretion of the Hon'ble Commission. Accordingly, it is prayed that Hon'ble Commission may be pleased to allow recovery of filing fee and publication fee directly from the beneficiaries.

Prayers

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

- i) Approve tariff of Tanda Super Thermal Power Station Stage-II (2x660 MW) for the tariff period 01.04.2024 to 31.03.2029.

- ii) Allow the extension of cut-off date for the instant station beyond 31.01.2024 for 2 years under Regulation-102 of CERC Tariff Regulations 2024 i.e. Power to relax.
- iii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries.
- iv) Allow reimbursement of Ash Transportation Charges directly from the beneficiaries on monthly basis based, subject to true up.
- v) Allow the recovery of pay/wage revision as additional O&M over and above the normative O&M.
- vi) Pass any other order as it may deem fit in the circumstances mentioned above.

Petitioner

Noida

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for revision of tariff of **Tanda Super Thermal Power Station Stage-II (2x660 MW) for the period 01.04.2024 to 31.03.2029** after the truing up exercise.

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

And others



AFFIDAVIT

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

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

2. That the accompanying Petition under Section 62 and 79 (1) (a) of the Electricity Act, 2003, has been filed by my authorized representative under my instruction



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

and the contents of the same are true and correct to the best of my knowledge and belief.

3. That the contents of Para No... 1.....to... 26... as mentioned in the Petition are true and correct based on my personal knowledge, belief and records maintained in the office.
4. That the annexures annexed to the Petition are correct and true copies of the respective originals.
5. That the Deponent has not filed any other Petition or Appeal before any other forum or court of law with respect to the subject matter of the dispute.

(Deponent)

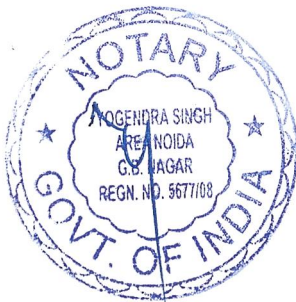
परिमल पीयूष/PARIMAL PIYUSH
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, Noida-201301 (U.P.)

Verification:

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

(Deponent)

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



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

25 NOV 2024

PART-I

APPENDIX-I



TARIFF FILING FORMS (THERMAL)

FOR DETERMINATION OF TARIFF

FOR

Tanda Super Thermal Power Station Stage-II

(From 01.04.2024 to 31.03.2029)

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

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

PART-I

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

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

** Additional Forms

Provided yearwise for the period 2024-29

*** Shall be provided at the time of true-up.

List of supporting documents for tariff filing for Thermal Stations

S. No.	Information / Document	Tick
1	Certificate of incorporation, Certificate for Commencement of Business, Memorandum of Association, & Articles of Association (For New Station setup by a company making tariff application for the first time to CERC)	NA
2	A. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures on COD of the Station for the new station & for the relevant years. B. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures for the existing station for relevant years.	***
3	Copies of relevant loan Agreements	NA
4	Copies of the approval of Competent Authority for the Capital Cost and Financial package.	NA
5	Copies of the Equity participation agreements and necessary approval for the foreign equity.	NA
6	Copies of the BPSA/PPA with the beneficiaries, if any	NA
7	Detailed note giving reasons of cost and time over run, if applicable. 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	NA
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

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

Petitioner

Summary of Tariff								PART-I FORM- 1
Name of the Petitioner:			NTPC Limited					
Name of the Generating Station:			Tanda Super Thermal Power Station Stage-II					
Place (Region/District/State):			Northern Region/ Ambedkar nagar/ Uttar Pradesh					
Amount in Rs. Lakhs								
S. No.	Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8	9
1.1	Depreciation	Rs Lakh	42,410.77	45,279.41	48,151.01	48,444.87	48,466.61	48,470.23
1.2	Interest on Loan	Rs Lakh	25,190.86	24,864.26	24,369.19	22,367.51	21,002.71	19,685.19
1.3	Return on Equity	Rs Lakh	49,455.25	52,764.65	56,063.83	56,392.81	56,418.17	56,422.39
1.4	Interest on Working Capital	Rs Lakh	14,371.67	14,574.40	14,774.90	14,877.62	14,980.47	15,106.20
1.5	O&M Expenses	Rs Lakh	35,292.68	43,230.90	45,592.81	48,102.66	50,750.71	53,553.91
1.6	Addl O&M: Ash Trans Charges	Rs Lakh	4675.94	-	-	-	-	-
1.7	Special Allowance (If applicable)	Rs. Lakh	0.00	0.00	0.00	0.00	0.00	0.00
	Total	Rs Lakh	1,71,397.18	1,80,713.62	1,88,951.74	1,90,185.47	1,91,618.67	1,93,237.92
2.1	Landed Fuel Cost of coal as per FSA approved by beneficiaries	Rs/Ton	4757.05	4729.69				
	(%) of Fuel Quantity	(%)	66.75	42.15%				
2.2	Landed Fuel Cost of Imported Coal as per FSA approved by beneficiaries	Rs/Ton	NA					
	(%) of Fuel Quantity	(%)	NA					
2.3	Landed Fuel Cost of coal other than FSA	Rs/Ton	3825.09	4857.79				
	(%) of Fuel Quantity	(%)	21.26	56.10%				
2.4	Landed Fuel Cost Imported Coal other than FSA.	Rs/Ton	19,478.31	3964.50				
	(%) of Fuel Quantity	(%)	11.99	1.75%				
2.5	Secondary fuel oil cost	Rs/Unit	0.04	0.04	0.04	0.04	0.04	0.04
	Energy Charge Rate ex-bus 2A, 2B, 2C, 2D	Rs/Unit	3.70	3.65	3.65	3.65	3.65	3.65
(Petitioner)								

**PART-I
FORM- 1(I)**

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Tanda Super Thermal Power Station Stage-II

Amount in Rs. Lakhs

Statement showing claimed capital cost – (A+B)

S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Opening Capital Cost	8,83,351.39	9,90,796.36	10,02,209.16	10,02,959.16	10,03,109.16
2	Add: Addition during the year	1,07,444.97	11,412.80	750.00	150.00	-
3	Less: De-capitalisation during the year	-	-	-	-	-
4	Less: Reversal during the year	-	-	-	-	-
5	Add: Discharges during the year	-	-	-	-	-
6	Closing Capital Cost	9,90,796.36	10,02,209.16	10,02,959.16	10,03,109.16	10,03,109.16
7	Average Capital Cost	9,37,073.87	9,96,502.76	10,02,584.16	10,03,034.16	10,03,109.16

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

S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Opening Capital Cost	8,83,351.39	9,84,931.72	9,94,097.16	9,94,847.16	9,94,997.16
2	Add: Addition during the year	1,01,580.33	9,165.44	750.00	150.00	-
3	Less: De-capitalisation during the year	-	-	-	-	-
4	Less: Reversal during the year	-	-	-	-	-
5	Add: Discharges during the year	-	-	-	-	-
6	Closing Capital Cost	9,84,931.72	9,94,097.16	9,94,847.16	9,94,997.16	9,94,997.16
7	Average Capital Cost	9,34,141.55	9,89,514.44	9,94,472.16	9,94,922.16	9,94,997.16

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Tanda Super Thermal Power Station Stage-II

Statement showing claimed capital cost eligible for RoE linked to SBI MCLR (B)

S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Opening Capital Cost	-	5,864.64	8,112.00	8,112.00	8,112.00
2	Add: Addition during the year	5,864.64	2,247.36	-	-	-
3	Less: De-capitalisation during the year	-	-	-	-	-
4	Less: Reversal during the year	-	-	-	-	-
5	Add: Discharges during the year	-	-	-	-	-
6	Closing Capital Cost	5,864.64	8,112.00	8,112.00	8,112.00	8,112.00
7	Average Capital Cost	2,932.32	6,988.32	8,112.00	8,112.00	8,112.00

(Petitioner)

Statement showing Return on Equity at Normal Rate						PART-I
						FORM-1 (IIA)
Name of the Petitioner			NTPC Limited			
Name of the Generating Station			Tanda Super Thermal Power Station Stage-II			
						Amount in Rs. Lakhs
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	8
	Return on Equity@ Normal Rate					
1	Gross Opening Equity (Normal)	2,65,005.42	2,95,479.51	2,98,229.15	2,98,454.15	2,98,499.15
2	Less: Adjustment in Opening Equity	-	-	-	-	-
3	Adjustment during the year	-	-	-	-	-
4	Net Opening Equity (Normal)	2,65,005.42	2,95,479.51	2,98,229.15	2,98,454.15	2,98,499.15
5	Add: Increase in equity due to addition during the year	30,474.10	2,749.63	225.00	45.00	-
7	Less: Decrease due to De-capitalisation during the year	-	-	-	-	-
8	Less: Decrease due to reversal during the year	-	-	-	-	-
9	Add: Increase due to discharges during the year	-	-	-	-	-
10	Net closing Equity (Normal)	2,95,479.51	2,98,229.15	2,98,454.15	2,98,499.15	2,98,499.15
11	Average Equity (Normal)	2,80,242.47	2,96,854.33	2,98,341.65	2,98,476.65	2,98,499.15
12	Pre Tax ROE (%)	15.50%	15.50%	15.50%	15.50%	15.50%
12a	Post Tax ROE (%)	18.78%	18.78%	18.78%	18.78%	18.78%
13	Total ROE	52,635.14	55,755.18	56,034.53	56,059.88	56,064.11
						(Petitioner)

Statement showing Return on Equity at Rate Linked to SBI MCLR						PART-I FORM-1 (IIB)
Name of the Petitioner		NTPC Limited				
Name of the Generating Station		Tanda Super Thermal Power Station Stage-II				
Amount in Rs. Lakhs						
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	8
	Return on Equity @SBI MCLR+350bp					
1	Gross Opening Equity (Normal)	-	1,759.39	2,433.60	2,433.60	2,433.60
2	Less: Adjustment in Opening Equity	-	-	-	-	-
3	Adjustment during the year	-	-	-	-	-
4	Net Opening Equity (Normal)	-	1,759.39	2,433.60	2,433.60	2,433.60
5	Add: Increase in equity due to addition during the year	1,759.39	674.21	-	-	-
7	Less: Decrease due to De-capitalisation during the year	-	-	-	-	-
8	Less: Decrease due to reversal during the year	-	-	-	-	-
9	Add: Increase due to discharges during the year	-	-	-	-	-
10	Net closing Equity (Normal)	1,759.39	2,433.60	2,433.60	2,433.60	2,433.60
11	Average Equity (Normal)	879.70	2,096.50	2,433.60	2,433.60	2,433.60
12	Pre Tax ROE (%)	12.15%	12.15%	12.15%	12.15%	12.15%
12a	Post Tax ROE (%)	14.72%	14.72%	14.72%	14.72%	14.72%
13	Total ROE	129.51	308.65	358.28	358.28	358.28
(Petitioner)						

		PART-I
		FORM-2
Name of the Petitioner	NTPC Limited	
Name of the Generating Station	Tanda Super Thermal Power Station Stage-II	
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	10.07.2019
Actual COD /Date of Taken Over (as applicable)	07.01.2019	01.07.2021
Pit Head or Non Pit Head	Non-Pit Head	
Name of the Boiler Manufacturer	M/S L&T MHPS BOILERS PRIVATE LTD	
Name of Turbine Generator Manufacturer	ALSTOM BHARAT FORGE POWER LIMITED	
Main Steams Pressure at Turbine inlet (kg/Cm²) abs¹	247	
Main Steam Temperature at Turbine inlet (°C)¹	565	
Reheat Steam Pressure at Turbine inlet (kg/Cm²)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 VVO condition (tons /hr)²	2038.841	
Unit Gross electrical output under MCR /Rated condition (MW)²	660	
Unit Gross electrical output under VVO 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	64644.38	
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 (0C)	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, Kcal/kg	domestic coal 3300	
Type of Cooling Tower	Natural Draft Cooling Tower (NDCT)	
Type of cooling system⁵	Closed circuit cooling	
Type of Boiler Feed Pump⁶	2 x 50% TDBFP, 1 x 30% MDBFP	
Fuel Details⁷		
-Primary Fuel	COAL	
-Secondary Fuel	LDO	
-Alternate Fuels	N.A.	
Types of SOX control system	FGD	
Types of NOX control system	Low NOX Coal Burners	
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, De-Nox, ESP, 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.,		
		Petitioner

Normative parameters considered for tariff computations							PART-I FORM-3	
Name of the Petitioner:			NTPC Limited					
Name of the Generating Station:			Tanda Super Thermal Power Station Stage-II					
(Year Ending March)								
Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	
1	2	3	4	5		6	8	
Base Rate of Return on Equity at normal rate	%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%	
Base Rate of Return on Equity on Add. Capitalization at Rate linked to SBI MCLR	%	4.69%	12.15%	12.15%	12.15%	12.15%	12.15%	
Effective Tax Rate	%	17.47%	17.47%	17.47%	17.47%	17.47%	17.47%	
Target Availability	%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	
Peak Hours	%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	
Off-Peak Hours	%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	
β- Average Monthly Frequency Response Performance ##	0-1							
Auxiliary Energy Consumption	%	5.75%	5.25%	5.25%	5.25%	5.25%	5.25%	
Additional APC (Due to FGD)			1.00%	1.00%	1.00%	1.00%	1.00%	
Gross Station Heat Rate	kCal/kWh	2229.76	2229.76	2229.76	2229.76	2229.76	2229.76	
Specific Fuel Oil Consumption	ml/kWh	0.50	0.50	0.50	0.50	0.50	0.50	
Cost of Coal/Lignite for WC	in Days	50	50	50	50	50	50	
Cost of Main Secondary Fuel Oil for WC	in Months	2	2	2	2	2	2	
Fuel Cost for WC	in Months							
Liquid Fuel Stock for WC	in Months							
O&M Expenses	Rs lakh/MW	23.26	25.78	27.13	28.56	30.06	31.64	
Maintenance Spares for WC	% of O&M	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	
Receivables for WC	in Days	45.00	45.00	45.00	45.00	45.00	45.00	
Storage capacity of Primary fuel	MT	7.65 Lakh MT						
SBI 1 Year MCLR plus 350 basis point	%	12.00%	11.90%	11.90%	11.90%	11.90%	11.90%	
Blending ratio of domestic coal/imported coal	%	1199.38%	1.75%					
Norms for consumption of reagent								
Specific Limestone consumption for Wet Limestone FGD	g/kWh		11.0698	11.0698	11.0698	11.0698	11.0698	
Specific Limestone consumption for Lime Spray Dryer or Semi-dry FGD		NA						
Specific consumption of sodium bicarbonate								
Specific Limestone consumption for CFBC based generating station								
specific urea consumption of the SNCR								
Specific ammonia consumption of the SCR								
Transit and Handling Losses of coal or lignite, as applicable								

Petitioner

Calculation of O&M Expenses

Name of the Company :	NTPC Limited
Name of the Power Station :	Tanda Super Thermal Power Station Stage-II

Amount in Rs. Lakhs

S.No	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	8
1	O&M expenses under Reg.36(1)(1)					
1a	Normative	34,029.60	35,811.60	37,699.20	39,679.20	41,764.80
2	O&M expenses under Reg.36(1)(6)					
2a	Water Charges	310.00	310.00	310.00	310.00	310.00
2b	Security expenses	2630.80	2893.88	3183.27	3501.59	3851.75
2c	Capital Spares	Shall be provided at the time of truing up.				
3	O&M expenses-Ash Transportation	4738.69	4975.62	5224.40	5485.62	5759.90
4	O&M expenses- ECS (FGD)	1521.81	1601.70	1685.79	1774.30	1867.45
	Total O&M Expenses	43230.90	45592.81	48102.66	50750.71	53553.91

Petitioner

Details of Allocation of Corporate Bonds to various projects							
Name of the Company	NTPC LIMITED						
Name of the Power Station	Tanda Super Thermal Power Station Stage-II						
COD	01-07-2021						
(Amount in Rs. Lakh)							
Particulars	54	57	60	61	62	63	64
Source of Loan - Bonds Series	54	57	60	61	62	63	64
Currency	INR	INR	INR	INR	INR	INR	INR
Amount of Loan sanctioned (In Lakh)	10,30,683.05	50,000.00	1,00,000.00	1,07,250.00	80,000.00	67,000.00	70,000.00
Amount of Gross Loan drawn upto COD (In Lakh)	10,30,683.05	50,000.00	1,00,000.00	1,07,250.00	80,000.00	67,000.00	70,000.00
Interest Type	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	8.49%	8.19%	8.05%	8.10%	7.58%	7.47%	7.49%
Base Rate, if Floating Interest	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Margin, if Floating Interest	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Are there any Caps/Floor	No	No	No	No	No	No	No
If above is yes,specify caps/floor	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moratorium Period (In Years)	8	10	10	5	10	10	15
Moratorium effective from*	25-03-2015	15-12-2015	05-05-2016	27-05-2016	23-08-2016	16-09-2016	07-11-2016
Repayment Period	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment	Bullet Repayment	Installments Due on 27/05/2021, 27/05/2026 & 27/05/2031	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment effective from	25-03-2023	15-12-2025	05-05-2026	27-05-2021	23-08-2026	16-09-2026	07-11-2031
Repayment Frequency	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment	Bullet Repayment	Installments Due on 27/05/2021, 27/05/2026 & 27/05/2031	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment Instalment (In Lakh)	Installments 1st - 206,136.61 2nd - 412,273.22 3rd - 412,273.22	50,000.00	1,00,000.00	Installments 1st - 35,750.00 2nd - 35,750.00 3rd - 35,750.00	80,000.00	67,000.00	70,000.00
Base Exchange Rate	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Door to Door Maturity (In Years)	10	10	10	15	10	10	15
Name of the Projects	54	57	60	61	62	63	64
Tanda II	9,000.00	400.00	8,000.00	4,500.00	4,400.00	3,400.00	2,900.00

							FORM-8
Details of Allocation of Corporate Bonds to various projects							
Name of the Company	Name of the Company	NTPC LIMITED					
Name of the Power Station	Name of the Power Station	Tanda Super Thermal Power Station Stage-II					
COD	COD	01-07-2021					
(Amount in Rs. Lakh)							
Particulars							
Source of Loan - Bonds Series	65	66	67	69	73	74	75
Currency	INR	INR	INR	INR	INR	INR	INR
Amount of Loan sanctioned (In Lakh)	70,000.00	3,92,500.00	4,00,000.00	4,30,000.00	2,50,000.00	3,99,600.00	3,00,000.00
Amount of Gross Loan drawn upto COD (In Lakh)	70,000.00	3,92,500.00	4,00,000.00	4,30,000.00	2,50,000.00	3,99,600.00	3,00,000.00
Interest Type	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	6.72%	7.37%	8.30%	7.32%	6.43%	6.87%	6.69%
Base Rate, if Floating Interest	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Margin, if Floating Interest	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Are there any Caps/Floor	No	No	No	No	No	No	No
If above is yes,specify caps/floor	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moratorium Period (In Years)	5	15	10	10	10	15 yrs 1 day	10
Moratorium effective from*	24-11-2016	14-12-2016	15-01-2019	17-07-2019	27-01-2021	20-04-2021	13-09-2021
Repayment Period	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment effective from	24-11-2021	14-12-2031	15-01-2029	17-07-2029	27-01-2031	21-04-2036	13-09-2031
Repayment Frequency	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment Instalment (In Lakh)	70,000.00	3,92,500.00	4,00,000.00	4,30,000.00	2,50,000.00	3,99,600.00	3,00,000
Base Exchange Rate	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Door to Door Maturity (In Years)	5	15	10	10	10	15 yrs 1 day	10
Name of the Projects	65	66	67	69	73	74	75
Tanda II	3,400.00	21,600.00	12,500.00	17,000.00	9,500.00	16,700.00	1000

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

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
	UNCHAHAAR-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

Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
TRANCHE NO		
BP NO 5050000442	T00001	D0008
Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	5,00,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D0008-9.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	21.10.2015	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	54,00,00,000
	TAPOVAN VISHNUGAD	13,00,00,000
	BONGAIGAON	23,00,00,000
	BARH-II	22,00,00,000
	KUDGI-I	81,00,00,000
	MOUDA-II	25,00,00,000
	SOLAPUR	35,00,00,000
	VINDHYACHAL-V	13,00,00,000
	LARA-I	85,00,00,000
	GADARWARA	49,00,00,000
	UNCHAHAHAR-IV	10,00,00,000
	NORTH KARANPURA	8,00,00,000
	DARLIPALLI	34,00,00,000
	TANDA-II	26,00,00,000
	PAKRI BARWADIH	12,00,00,000
	RIHAND-III	10,00,00,000
Total Allocated Amount		5,00,00,00,000

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
	UNCHAHAHAR-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
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
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
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:	04.12.2014	
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

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:	11.07.2016	
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
	UNCHAHAH 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

Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
	TRANCHE NO	
BP NO 5050000421	T00001	D00008
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:	10.10.2016	
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

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

Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
TRANCHE NO		
BP NO 5050000561	T00001	D00011
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 :	82,00,00,00,000	
Date of drawl	30 March 2023	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.01%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	26.09.2018	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	25.09.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	Rammam	100000000
	Tanda-II	50000000
	Kirendari	180000000
	Rihand- I FGD	90000000
	Rihand- II & III FGD	60000000
	Sipat-II FGD	10000000
	Simhadri-II & I FGD	20000000
	Solapur-FGD	80000000
	TSTPS Stage-II & I FGD	230000000
Total Allocated Amount		82,00,00,000

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

Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
	TRANCHE NO	
BP NO 5050000791	T00001	D00002
Unsecured Loan From HDFC Bank Ltd. VII		
Source of Loan :	HDFC Bank Ltd. VII	
Currency :	INR	
Amount of Loan :	25,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of drawl	21.06.2019	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.40%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	21.06.2019	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	11.06.2026	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NCPS-FGD	10,00,00,000
	FSTPS R&M	10,00,00,000
	KORBA-R&M	10,00,00,000
	SOLAPUR	50,00,00,000
	MOUDA-II	50,00,00,000
	TELANGANA	30,00,00,000
	Singrauli-R&M	30,00,00,000
	Simhadri-R&M	15,00,00,000
	Korba-R&M	10,00,00,000
	Ramagundam-R&M	10,00,00,000
	VSTPS R&M	10,00,00,000
	TANDA-II	30,00,00,000
	DARLIPALLI	30,00,00,000
	NORTH KARANPURA	30,00,00,000
	GADARWARA	40,00,00,000
	LARA-I	15,00,00,000
	BARH-I	1,20,00,00,000
Total Allocated Amount		5,00,00,00,000

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
	UNCHA HAR 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

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

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

Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
	TRANCHE NO	
BP NO 5050000711	T00001	D00001
Unsecured Loan From Punjab National Bank-IV		
Source of Loan :	Punjab National Bank-IV	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	20,00,00,00,000	
Date of Drawl	01.01.2019	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.60%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	01.01.2019	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	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

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
	TALAIPALI COAL MINE	13,00,00,000
Total Allocated Amount		5,00,00,00,000.00

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

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 :	6,85,00,00,000	
Date of Drawal:	29.06.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.85%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	29.06.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	40,00,00,000
	TAPOVAN VISHNUGARH	15,00,00,000
	BONGAIGAON	15,00,00,000
	SOLAPUR	20,00,00,000
	LARA-I	55,00,00,000
	GADARWARA	1,00,00,00,000
	NORTH KARANPURA	60,00,00,000
	DARLIPALLI	45,00,00,000
	TANDA II	60,00,00,000
	RAMMAM	10,00,00,000
	KHARGONE	75,00,00,000
	TELANGANA	75,00,00,000
	TTPS R&M	10,00,00,000
	VINDHYACHAL R&M	10,00,00,000
	FARAKKA R&M	50,00,00,000
	DADRI GAS R&M	45,00,00,000
Total Allocated Amount		6,85,00,00,000.00

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:	25.09.2017	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.90%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	25.09.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	2,40,97,00,000
	TAPOVAN VISHNUGARH	55,04,00,000
	BONGAIGAON	2,11,03,00,000
	SOLAPUR	1,49,66,00,000
	LARA	48,90,00,000
	GADARWARA	76,25,00,000
	UNCHAHAR STPP IV	30,00,00,000
	NORTH KARANPURA	1,02,00,00,000
	DARLIPALLI	60,00,00,000
	TANDA-II	26,15,00,000
Total Allocated Amount		10,00,00,00,000.00

Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
	TRANCHE NO	
BP NO 5050000551	T00001	D00002
Unsecured Loan From SBI-X		
Source of Loan :	SBI- X	
Currency :	INR	
Amount of Loan :	40,00,00,00,000	
Total Drawn amount :	2,00,00,00,000	
Date of Drawal:	04.10.2017	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.90%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	04.10.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	SOLAPUR	20,00,00,000
	LARA	20,00,00,000
	DARLIPALLI	25,00,00,000
	TANDA-II	35,00,00,000
	KHARGONE	30,00,00,000
	TELANGANA	15,00,00,000
	BARH - II	15,00,00,000
	KOLDAM	20,00,00,000
	PAKRI BARWADIH CMB	20,00,00,000
Total Allocated Amount		2,00,00,00,000.00

Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
	TRANCHE NO	
BP NO 5050000551	T00001	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

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

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
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
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
	TALAIPALI	80,00,00,000.00
	NCPS-FGD	25,00,00,000.00
Total Allocated Amount		7,50,00,00,000.00
Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
	TRANCHE NO	
BP NO 5050000741	T00001	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
Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
	TRANCHE NO	
BP NO 5050000741	T0001	D0004
Unsecured Loan From SBI-XII		
Source of Loan :	SBI-XII	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	10,00,00,00,000	
Date of Drawal:	12.04.2019	
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 :	12.04.2019	
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	75,00,00,000.00
	TAPOVAN VISHNUGARH	35,00,00,000.00
	LARA	3,50,00,00,000.00
	NORTH KARANPURA	1,40,00,00,000.00
	DARLIPALLI	1,60,00,00,000.00
	TANDA-II	1,60,00,00,000.00
	RAMMAM	30,00,00,000.00
	TELANGANA	50,00,00,000.00
Total Allocated Amount		10,00,00,00,000.00
Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
TRANCHE NO		
BP NO 5050000981	T00001	D00004
Unsecured Loan From HDFC Bank Ltd. IX		
Source of Loan :	HDFC Bank Ltd. IX	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	16,10,00,00,000	
Date of drawl	24.08.2020	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	6.30%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	24.08.2020	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	12 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	30.06.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	

Project Code	Project Name	Amount
	BARH-II	2,54,31,57,061
	BONGAIGAON	2,06,81,00,000
	CHATTI BARIATU CMP	13,60,00,000
	JETSAR SOLAR	20,00,00,000
	KAHALGAON-II	11,43,64,133
	KHARGONE	1,20,00,00,000
	KOLDAM	4,54,00,000
	KORBA-III	2,14,43,267
	KUDGI	45,00,00,000
	LARA-I	7,85,71,430
	MOUDA-I	69,46,38,787
	MOUDA-II	1,60,00,00,000
	NORTH KARANPURA	50,00,00,000
	PAKRI BARWADIH CMB	1,07,21,55,097
	RAMMAM	50,00,00,000
	RIHAND-III	20,43,00,000
	SIMHADRI-II	22,70,00,000
	SIPAT-I	18,57,38,787
	SOLAPUR	53,79,74,298
	TANDA-II	1,20,00,00,000
	UNCHA HAR STPP IV	18,00,00,000
	VINDHYACHAL-IV	85,83,00,000
	VINDHYACHAL-V	1,48,28,57,140
Total Allocated Amount		16,10,00,00,000

Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
	TRANCHE NO	
BP NO 5050000981	T00001	D00009
Unsecured Loan From HDFC Bank Ltd. IX		
Source of Loan :	HDFC Bank Ltd. IX	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	8,00,00,00,000	
Date of drawl	07.12.2020	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	5.95%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	07.12.2020	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	12 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	30.06.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	TANDA-II	82,00,00,000
	BARH-I	1,30,00,00,000
	NORTH KARANPURA	65,00,00,000
	TAPOVAN VISHNUGARH	70,00,00,000
	LARA	1,30,00,00,000
	GADARWARA	25,00,00,000
	RAMMAM	8,00,00,000
	DARLIPALLI	50,00,00,000
	KHARGONE	1,20,00,00,000
	TELANGANA	1,20,00,00,000
Total Allocated Amount		8,00,00,00,000

	TRANCHE NO	
BP NO 5050000981	T00001	D00010
Unsecured Loan From HDFC Bank Ltd. IX		
Source of Loan :	HDFC Bank Ltd. IX	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	6,83,00,00,000	
Date of drawl	24.12.2020	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	5.95%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	24.12.2020	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	12 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	30.06.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	TANDA-II	7,50,00,000
	BARH I	68,00,00,000
	NORTH KARANPURA	50,00,00,000
	GADARWARA	50,00,00,000
	LARA	30,00,00,000
	DARLIPALLI	10,00,00,000
	KHARGONE	84,00,00,000
	TAPOVAN VISHNUGARH	25,00,00,000
	RAMMAM	15,00,00,000
	BARAUNI-II	3,00,00,000
	RAMAGUNDAM FLOATING SOLAR	9,00,00,000
	BILHAUR SOLAR 85MW	13,00,00,000
	AURAIYA SOLAR 20MW	3,20,00,000
	SIMHADRI FLOATING	1,50,00,000
	KAYAMKULAM FS (22 MW)	4,00,00,000
	JETSAR SOLAR	2,00,00,000
	FATEHGARH (296MW)	60,00,00,000
	BONGAIGAON	60,00,00,000
	SOLAPUR	10,00,00,000
	KORBA R&M	10,00,00,000
	VINDHYACHAL R&M	5,30,00,000
	FARAKKA R&M	2,50,00,000
	KIRENDARI	4,00,00,000
	PAKRI BARWADIH CMB	1,50,00,00,000
Total Allocated Amount		6,83,00,00,000

Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
	TRANCHE NO	
BP NO 5050001371	T00001	D00001
Unsecured Loan From AXIS BANK-IV		
Source of Loan :	AXIS BANK-IV	
Currency :	INR	
Amount of Loan :	19,00,00,00,000	
Total Drawn amount :	19,00,00,00,000	
Date of Drawl	29.03.2023	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.00%	
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 :	0 Years	
Moratorium effective from :	NIL	
Repayment Period (Inc Moratorium) :	10 Years	
Repayment Frequency :	10 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	29.03.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	TANDA-II	19,00,00,000.00
	NCPS-FGD	24,00,00,000.00
	TSTPS-R&M-I	8,00,00,000.00
	BARH-I	2,20,00,00,000.00
	NORTH KARANPURA	65,00,00,000.00
	LARA-I	2,30,00,00,000.00
	GADARWARA	4,84,00,00,000.00
	DARLIPALLI	1,54,00,00,000.00
	KHARGONE	1,15,00,00,000.00
	TELANGANA	1,50,00,00,000.00
	KERENDARI	3,40,00,00,000.00
	CHATTI BARIATU	5,00,00,000.00
	TAPOVAN VISHNUGAD	32,50,00,000.00
	TALAIPALI	53,50,00,000.00
Total Allocated Amount		19,00,00,00,000

Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
TRANCHE NO		
BP NO 5050000931	T00001	D00001
Unsecured Loan From Punjab National Bank-V		
Source of Loan :	Punjab National Bank-V	
Currency :	INR	
Amount of Loan :	30,00,00,00,000	
Total Drawn amount :	67,00,00,000	
Date of Drawl	15.06.2021	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	5.70%	
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 :	3 Years	
Moratorium effective from :	15.06.2021	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	12 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	27.03.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	10,00,00,000.00
	NORTH KARANPURA	10,00,00,000.00
	DARLIPALLI	25,00,00,000.00
	TANDA-II	7,00,00,000.00
	RAMMAM	2,00,00,000.00
	TELANGANA	11,00,00,000.00
	UNCHA HAR-IV-FGD	2,00,00,000.00
Total Allocated Amount		67,00,00,000.00

Form 8		
TRANCHE NO		
BP NO 5050001151	T00001	D00002
Unsecured Loan From HDFC Bank Ltd. X		
Source of Loan :	HDFC Bank Ltd. X	
Currency :	INR	
Amount of Loan :	30,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of drawl	24.11.2021	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	5.83%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	24.11.2021	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	12 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	24.11.2025	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NORTH KARANPURA	24,00,00,000.00
	RAMMAM	3,00,00,000.00
	TELANGANA	23,00,00,000.00
	LARA	50,00,00,000.00
	GADARWARA	50,00,00,000.00
	DARLIPALLI	77,00,00,000.00
	TANDA-II	65,00,00,000.00
	BARAUNI-II	20,00,00,000.00
	SINGRAULI R&M	15,00,00,000.00
	KORBA R&M	25,00,00,000.00
	RAMAGUNDAM I & II R&M	40,00,00,000.00
	VINDHYACHAL R&M	7,00,00,000.00
	FARAKKA R&M	10,00,00,000.00
	UNCHAHAHAR R&M	4,00,00,000.00
	RIHAND R&M	15,00,00,000.00
	KAHALGAON R&M	3,00,00,000.00
	CHATTI BARIATU CMB	5,00,00,000.00
	DULANGA COAL MINE	26,00,00,000.00
	TALAIPALI COAL MINE	26,00,00,000.00
	KIRENDARI	3,00,00,000.00
	BARH-II FGD	2,50,00,000.00
	MOUDA-II FGD	6,50,00,000.00
Total Allocated Amount		5,00,00,00,000

Form 8		
TRANCHE NO		
BP NO 5050001151	T00001	D00003
Unsecured Loan From HDFC Bank Ltd. X		
Source of Loan :	HDFC Bank Ltd. X	
Currency :	INR	
Amount of Loan :	30,00,00,00,000	
Total Drawn amount :	6,30,00,00,000	
Date of drawl	02.05.2022	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	5.83%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	24.11.2021	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	12 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	24.11.2025	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KHARGONE	60,00,00,000.00
	LARA	40,00,00,000.00
	GADARWARA	15,00,00,000.00
	DARLIPALLI	1,50,00,00,000.00
	TANDA-II	40,00,00,000.00
	BARAUNI-II	15,00,00,000.00
	TALAIPALI COAL MINE	15,00,00,000.00
	KIRENDARI	15,00,00,000.00
	TELANGANA	88,00,00,000.00
	NORTH KARANPURA	1,92,00,00,000.00
Total Allocated Amount		6,30,00,00,000

Form 8		
TRANCHE NO		
BP NO 5050001441	T00001	D00001
Unsecured Loan From HDFC Bank Ltd. XII		
Source of Loan :	HDFC Bank Ltd. XII	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of drawl	13-Oct-23	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.65%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	13.10.2023	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	12 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	13.10.2027	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount

	SINGRAULI-I & II FGD	17,00,00,000.00
	UNCHAHAR-I, II & III-FGD	1,00,00,000.00
	TANDA II	20,00,00,000.00
	KORBA-I,FGD	8,00,00,000.00
	VINDHYACHAL-III&IV FGD	1,00,00,000.00
	SIPAT-I (3X660 MW) FGD	3,00,00,000.00
	SIPAT-II (3X660 MW) FGD	7,00,00,000.00
	TSTPS STAGE-II & I FGD	1,00,00,000.00
	BARH I	75,00,00,000.00
	TAPOVAN VISHNUGARH (4X130	24,00,00,000.00
	BARH II FGD	1,00,00,000.00
	NORTH KARANPURA	50,00,00,000.00
	RAMAGUNDAM-I & II FGD	3,00,00,000.00
	RAMAGUNDAM-III (1X500 MW)	1,00,00,000.00
	MOUDA-I FGD	2,00,00,000.00
	MAUDA II FGD	3,00,00,000.00
	SOLAPUR FGD	1,00,00,000.00
	KUDGI FGD	1,00,00,000.00
	LARA	10,00,00,000.00
	LARA, STAGE-II, 2X800 MW	80,00,00,000.00
	GADARWARA	10,00,00,000.00
	RAMMAM (3X40MW)	13,50,00,000.00
	KHARGONE	20,00,00,000.00
	TELANGANA	92,50,00,000.00
	TALLAIPALLI	16,00,00,000.00
	BARAUNI-II	10,00,00,000.00
	KERANDARI CMB	9,00,00,000.00
	NABINAGAR	20,00,00,000.00
	Total Allocated Amount	5,00,00,00,000.00

Form 8		
TRANCHE NO		
BP NO 5050001441	T00001	D00003
Unsecured Loan From HDFC Bank Ltd. XII		
Source of Loan :	HDFC Bank Ltd. XII	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	10,00,00,00,000	
Date of drawl	01-Dec-23	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.65%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	13.10.2023	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	12 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	13.10.2027	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I (3X 660MW)	2,13,00,00,000.00
	TAPOVAN VISHNUGARH (4X130	86,50,00,000.00
	NORTH KARANPURA (3X660)	47,00,00,000.00
	RAMMAM (3X40MW)	10,00,00,000.00
	LARA, STAGE-II, 2X800 MW	75,00,00,000.00
	GANDHAR 20MW	1,00,00,000.00
	SOLAPUR SOLAR (23MW)	3,00,00,000.00
	RIHAND SOLAR (20MW)	2,00,00,000.00
	ANTA SOLAR (90MW)	6,00,00,000.00
	NOKH SOLAR PLOT-I (245MW)	15,00,00,000.00
	NOKH SOLAR PLOT-II (245MW)	24,00,00,000.00
	NOKH SOLAR PLOT-III (245M	29,00,00,000.00
	LARA-I	70,00,00,000.00
	KHARGONE	43,00,00,000.00
	GADARWARA	30,00,00,000.00
	DARLIPALLI	50,00,00,000.00
	TANDA-II	10,00,00,000.00

	BARAUNI-II (2X250MW)	20,00,00,000.00
	NABINAGAR	20,00,00,000.00
	CHATTI BARIATU CMB	20,00,00,000.00
	TALAIPALI COAL MINE	22,00,00,000.00
	KERANDARI	14,00,00,000.00
	PAKRI BARWADIH CMB	60,00,00,000.00
	RIHAND- I FGD	5,00,00,000.00
	RIHAND- II & III FGD	5,00,00,000.00
	UNCHAHR-I, II & III-FGD	4,00,00,000.00
	VINDHYACHAL-I &II FGD	8,50,00,000.00
	VINDHYACHAL-III &IV FGD	5,50,00,000.00
	SIPAT-II FGD	4,00,00,000.00
	KORBA-I, II & III FGD	20,50,00,000.00
	BARH-II FGD	2,00,00,000.00
	RAMAGUNDAM-I & II FGD	20,00,00,000.00
	RAMAGUNDAM-III FGD	4,00,00,000.00
	MOUDA-I FGD	2,00,00,000.00
	MOUDA-II FGD	1,00,00,000.00
	SOLAPUR-FGD	1,00,00,000.00
	KUDGI-FGD	2,00,00,000.00
	SINGRAULI-I & II FGD	21,00,00,000.00
	FARAKKA-I , II & III FGD	1,00,00,000.00
	KAHALGAON-I & II FGD	17,00,00,000.00
	TSTPS STAGE-II & I FGD	6,00,00,000.00
	Total Allocated Amount	10,00,00,00,000.00

Form 8		
TRANCHE NO		
BP NO 5050001441	T00001	D00004
Unsecured Loan From HDFC Bank Ltd. XII		
Source of Loan :	HDFC Bank Ltd. XII	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	8,75,00,00,000	
Date of drawl	01-Jan-24	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.65%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	13.10.2023	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	12 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	13.10.2027	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I (3X 660MW)	2,40,00,00,000.00
	TAPOVAN VISHNUGARH (4X130	32,00,00,000.00
	NORTH KARANPURA (3X660)	1,47,00,00,000.00
	RAMMAM (3X40MW)	3,00,00,000.00
	TELANGANA (2X800MW)	40,00,00,000.00
	GANDHAR 20MW	1,00,00,000.00
	RIHAND SOLAR (20MW)	1,00,00,000.00
	ANTA SOLAR (90MW)	2,00,00,000.00
	NOKH SOLAR PLOT-II (245MW	22,00,00,000.00
	NOKH SOLAR PLOT-III (245M	36,00,00,000.00
	LARA	32,00,00,000.00
	GADARWARA	9,00,00,000.00
	DARLIPALLI	25,00,00,000.00
	TANDA-II	20,00,00,000.00

	BARAUNI-II (2X250MW)	9,00,00,000.00
	NABINAGAR	9,00,00,000.00
	CHATTI BARIATU CMB	9,50,00,000.00
	TALAIPALI COAL MINE	20,00,00,000.00
	KERANDARI	3,50,00,000.00
	PAKRI BARWADIH CMB	40,00,00,000.00
	DULANGA COAL MINE	3,00,00,000.00
	RIHAND- I FGD	11,50,00,000.00
	RIHAND- II & III FGD	1,00,00,000.00
	VINDHYACHAL-I &II FGD	3,00,00,000.00
	VINDHYACHAL-III &IV FGD	1,00,00,000.00
	SIPAT-I (3X660 MW) FGD	1,00,00,000.00
	SIPAT-II FGD	6,50,00,000.00
	KORBA-I,II,III FGD	26,50,00,000.00
	BARH-II FGD	1,00,00,000.00
	RAMAGUNDAM-I & II FGD	16,00,00,000.00
	RAMAGUNDAM-III FGD	3,50,00,000.00
	SOLAPUR-FGD	35,00,00,000.00
	KUDGI-FGD	4,00,00,000.00
	SINGRAULI-I & II FGD	6,00,00,000.00
	FARAKKA-I , II & III FGD	15,50,00,000.00
	KAHALGAON-I & II FGD	18,00,00,000.00
	TSTPS STAGE-II & I FGD	21,50,00,000.00
	Total Allocated Amount	8,75,00,00,000.00

Form 8		
TRANCHE NO		
BP NO 5050001441	T00001	D00006
Unsecured Loan From HDFC Bank Ltd. XII		
Source of Loan :	HDFC Bank Ltd. XII	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	7,00,00,00,000	
Date of drawl	01-Mar-24	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.65%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	13.10.2023	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	12 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	13.10.2027	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I (3X 660MW)	40,00,00,000.00
	TAPOVAN VISHNUGARH	52,00,00,000.00
	NORTH KARANPURA (3X660MW)	1,10,00,00,000.00
	RAMMAM (3X40MW)	18,00,00,000.00
	TELANGANA (2X800MW)	50,00,00,000.00
	TTPS III (2X660MW)	5,00,00,000.00
	LARA, STAGE-II, 2X800 MW	6,00,00,000.00
	SOLAPUR SOLAR (23MW)	1,00,00,000.00
	ANTA SOLAR (90MW)	55,00,00,000.00
	NOKH SOLAR PLOT-I (245MW)	56,50,00,000.00
	NOKH SOLAR PLOT-II 245MW	1,21,50,00,000.00
	NOKH SOLAR PLOT-III (245M	66,00,00,000.00
	GADARWARA	20,00,00,000.00
	DARLIPALLI	10,00,00,000.00
	TANDA-II	5,00,00,000.00

	BARAUNI-II (2X250MW)	4,00,00,000.00
	NABINAGAR	10,00,00,000.00
	TALAIPALI COAL MINE	8,00,00,000.00
	KERANDARI	30,00,00,000.00
	RIHAND- I FGD	22,00,00,000.00
	RIHAND- II & III FGD	1,00,00,000.00
	SIPAT-II FGD	1,00,00,000.00
	KORBA-I, II & III FGD	6,00,00,000.00
	MOUDA-II FGD	2,00,00,000.00
	Total Allocated Amount	7,00,00,00,000.00
Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
	TRANCHE NO	
BP NO 50500001042	T00001	D00004
Unsecured Loan From ICICI-VII		
Source of Loan :	ICICI-VII	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawal	11.07.2022	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	6,3%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	01.07.2021	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	12 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	30.12.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	

Project Code	Project Name	Amount
	BARH-I	30,00,00,000.00
	NORTH KARANPURA	10,00,00,000.00
	RAMAGUNDAM FS SOLAR	7,00,00,000.00
	KAYAKULAM FLOATING	8,00,00,000.00
	AURAIYA SOLAR FS 20	5,00,00,000.00
	JETSAR SOLAR	7,00,00,000.00
	DEVIKOT SOLAR	4,00,00,000.00
	DEVIKOT SOLAR-90MW	7,00,00,000.00
	SAMBHU KI BHURJ	29,00,00,000.00
	SAMBHU KI BHURJ-II	43,50,00,000.00
	FATEHGARH	60,50,00,000.00
	NOKHRA SOLAR	1,43,50,00,000.00
	ETTAYAPURAM SOLAR	13,00,00,000.00
	RIHAND SOLAR (20MW)	1,00,00,000.00
	KAWAS SOLAR 56MW	36,50,00,000.00
	ANTA SOLAR 90MW	10,50,00,000.00
	SOLAPUR SOLAR	2,50,00,000.00
	NOKH SOLAR PLOT-I (245MW)	1,00,00,000.00
	NOKH SOLAR PLOT-II	1,00,00,000.00
	KHARGONE	10,00,00,000.00
	LARA-I	15,00,00,000.00
	DARLIPALLI	10,00,00,000.00
	TANDA-II	25,00,00,000.00
	BARAUNI-II	12,00,00,000.00
	KIRENDARI	8,00,00,000.00

Total Allocated Amount		5,00,00,00,000.00
Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
EARLIER BP NO 5050001232	TRANCHE NO	
BP NO 5050001323	T00001	D00001
Unsecured Loan From UCO BANK V		
Source of Loan :	UCO BANK V	
Currency :	INR	
Amount of Loan :	7,50,00,00,000	
Total Drawn amount :	2,90,00,00,000	
Date of Drawal:	12-09-2023	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.00%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	12-Sep-23	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	12 Yearly	
Repayment Type :	AVG	
First Repayment Date :	30.03.2026	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount

	LARA	26,00,00,000.00
	KHARGONE	30,00,00,000.00
	GADARWARA	30,00,00,000.00
	DARLIPALLI	30,00,00,000.00
	TANDA-II	30,00,00,000.00
	NABINAGAR	32,00,00,000.00
	RIHAND- II & III FGD	6,00,00,000.00
	UNCHAHAHAR-I, II & III-FGD	4,00,00,000.00
	VINDHYACHAL-I &II FGD	8,00,00,000.00
	VINDHYACHAL-III &IV FGD	10,00,00,000.00
	SIPAT-II FGD	10,00,00,000.00
	KORBA-I, II & III FGD	8,00,00,000.00
	BARH-II FGD	4,00,00,000.00
	RAMAGUNDAM-I & II FGD	15,00,00,000.00
	RAMAGUNDAM-III FGD	4,00,00,000.00
	SIMHADRI-II & I FGD	9,00,00,000.00
	MOUDA-I FGD	5,00,00,000.00
	SOLAPUR-FGD	15,00,00,000.00
	KUDGI-FGD	4,00,00,000.00
	FARAKKA-I , II & III FGD	10,00,00,000.00
	Total Allocated Amount	2,90,00,00,000.00

Form 8		
	TRANCHE NO	
BP NO 5050001386	T00001	D00003
Unsecured Loan From HDFC Bank Ltd. XI		
Source of Loan :	HDFC Bank Ltd. XI	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	10,00,00,00,000	
Date of drawl	01.09.2023	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.74%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	14.07.2023	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	12 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	14.11.2027	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	

Project Code	Project Name	Amount
	BARH-I	5,02,14,00,000.00
	PAKRI BARWADIH CMB	1,70,00,00,000.00
	NOKH SOLAR PLOT-III (245M	39,00,00,000.00
	SINGRAULI-I & II FGD	36,73,00,000.00
	KERANDARI	25,00,00,000.00
	NOKH SOLAR PLOT-II (245MW	22,00,00,000.00
	RAMAGUNDAM-I & II FGD	20,06,00,000.00
	TALAIPALI COAL MINE	20,00,00,000.00
	TSTPS STAGE-II & I FGD	17,83,00,000.00
	FARAKKA-I, II & III FGD	16,76,00,000.00
	VINDHYACHAL-I &II FGD	15,73,00,000.00
	TTPS III (2X660MW)	10,00,00,000.00
	DULANGA COAL MINE	10,00,00,000.00
	KAHALGAON-I & II FGD	9,88,00,000.00
	NOKH SOLAR PLOT-I (245MW)	9,00,00,000.00
	UNCHAHAH -I, II & III-FGD	8,56,00,000.00
	VINDHYACHAL-III &IV FGD	8,05,00,000.00
	SIMHADRI-II & I FGD	7,48,00,000.00
	RIHAND- II & III FGD	5,39,00,000.00
	KHARGONE FGD	5,36,00,000.00
	KORBA-I, II & III FGD	5,14,00,000.00
	SIPAT-I FGD	5,07,00,000.00
	KUDGI-FGD	4,74,00,000.00
	DARLIPALLI FGD	4,50,00,000.00
	LARA FGD	3,92,00,000.00
	MOUDA-II FGD	3,14,00,000.00
	GADARWARA FGD	3,08,00,000.00
	NORTH KARANPURA FGD	2,42,00,000.00
	MOUDA-I FGD	2,30,00,000.00
	BARH-II FGD	2,19,00,000.00
	SOLAPUR-FGD	2,17,00,000.00
	TANDA II FGD	2,05,00,000.00
	RAMAGUNDAM-III FGD	31,00,000.00
	Total Allocated Amount	10,00,00,00,000.00

										From	31-03-2024	
										To	31-03-2024	
Name of the Loan	From	To	Floating Rate of interest	Withholding Tax (WHT)	Applicability of Withholding Tax	Interest Basis	Financial year	Interest rate (incl WHT)	Loan Proportion	No of days	Product	WAVG rate
SBI, NEW YORK	01-04-2019	14-05-2019	4.25500%	5.46000%	10.00000%	Act/360	2019-20	4.279574%	100%	0	0	
SBI, NEW YORK	15-05-2019	28-07-2019	3.98763%	5.46000%	10.00000%	Act/360	2019-20	4.010660%	100%	0	0	
SBI, NEW YORK	29-07-2019	29-01-2020	3.57750%	5.46000%	10.00000%	Act/360	2019-20	3.598161%	100%	0	0	0.00000%
JPY Equ. 350Million A	01-04-2019	11-04-2019	0.95933%	5.46000%	100.00000%	Act/360	2019-20	1.014735%	100%	0	0	
JPY Equ. 350Million A	12-04-2019	10-10-2019	0.95700%	5.46000%	100.00000%	Act/360	2019-20	1.012270%	100%	0	0	
JPY Equ. 350Million A	11-10-2019	29-02-2020	0.95000%	5.46000%	100.00000%	Act/360	2019-20	1.004866%	100%	0	0	
JPY Equ. 350Million A	01-03-2020	31-03-2020	0.95000%	5.46000%	100.00000%	Act/360	2019-20	1.004866%	100%	0	0	
JPY Equ. 350Million A	01-04-2020	12-04-2020	0.95000%	5.46000%	100.00000%	Act/360	2020-21	1.004866%	100%	0	0	
JPY Equ. 350Million A	13-04-2020	11-10-2020	0.97417%	5.46000%	100.00000%	Act/360	2020-21	1.030432%	100%	0	0	
JPY Equ. 350Million A	12-10-2020	31-03-2021	0.95000%	5.46000%	100.00000%	Act/360	2020-21	1.004866%	100%	0	0	
JPY Equ. 350Million A	01-04-2021	11-04-2021	0.95000%	5.46000%	100.00000%	Act/360	2021-22	1.004866%	100%	0	0	
JPY Equ. 350Million A	12-04-2021	10-10-2021	0.95000%	5.46000%	100.00000%	Act/360	2021-22	1.004866%	100%	0	0	
JPY Equ. 350Million A	11-10-2021	31-03-2022	0.95000%	5.46000%	100.00000%	Act/360	2021-22	1.004866%	100%	0	0	
JPY Equ. 350Million A	01-04-2022	10-04-2022	0.95000%	5.46000%	100.00000%	Act/360	2022-23	1.004866%	100%	0	0	
JPY Equ. 350Million A	11-04-2022	11-07-2022	0.95000%	5.46000%	100.00000%	Act/365	2022-23	1.004866%	100%	0	0	
JPY Equ. 350Million A	12-07-2022	11-10-2022	0.95000%	5.46000%	100.00000%	Act/365	2022-23	1.004866%	100%	0	0	
JPY Equ. 350Million A	12-10-2022	11-01-2023	0.95000%	5.46000%	100.00000%	Act/365	2022-23	1.004866%	100%	0	0	
JPY Equ. 350Million A	12-01-2023	31-03-2023	0.95000%	5.46000%	100.00000%	Act/365	2022-23	1.004866%	100%	0	0	
JPY Equ. 350Million A	01-04-2023	11-04-2023	0.95000%	5.46000%	100.00000%	Act/365	2023-24	1.004866%	100%	0	0	
JPY Equ. 350Million A	12-04-2023	11-07-2023	0.95000%	5.46000%	100.00000%	Act/365	2023-24	1.004866%	100%	0	0	
JPY Equ. 350Million A	12-07-2023	11-10-2023	0.95000%	5.46000%	100.00000%	Act/365	2023-24	1.004866%	100%	0	0	
JPY Equ. 350Million A	12-10-2023	11-01-2024	0.95000%	5.46000%	100.00000%	Act/365	2023-24	1.004866%	100%	0	0	
JPY Equ. 350Million A	12-01-2024	31-03-2024	0.96342%	5.46000%	100.00000%	Act/365	2023-24	1.019061%	100%	1	0.01021853	1.02190%
JPY Equ. 350Million B	01-04-2019	11-04-2019	0.95933%	5.46000%	100.00000%	Act/360	2019-20	1.014735%	100%	0	0	
JPY Equ. 350Million B	12-04-2019	10-10-2019	0.95700%	5.46000%	100.00000%	Act/360	2019-20	1.012270%	100%	0	0	
JPY Equ. 350Million B	11-10-2019	29-02-2020	0.95000%	5.46000%	100.00000%	Act/360	2019-20	1.004866%	100%	0	0	
JPY Equ. 350Million B	01-03-2020	31-03-2020	0.95000%	5.46000%	100.00000%	Act/360	2019-20	1.004866%	100%	0	0	
JPY Equ. 350Million B	01-04-2020	12-04-2020	0.95000%	5.46000%	100.00000%	Act/360	2020-21	1.004866%	100%	0	0	

										From	31-03-2024	
										To	31-03-2024	
Name of the Loan	From	To	Floating Rate of interest	Withholding Tax (WHT)	Applicability of Withholding Tax	Interest Basis	Financial year	Interest rate (incl WHT)	Loan Proportion	No of days	Product	WAVG rate
JPY Equ. 350Million B	13-04-2020	11-10-2020	0.97417%	5.46000%	100.00000%	Act/360	2020-21	1.030432%	100%	0	0	
JPY Equ. 350Million B	12-10-2020	31-03-2021	0.95000%	5.46000%	100.00000%	Act/360	2020-21	1.004866%	100%	0	0	
JPY Equ. 350Million B	01-04-2021	11-04-2021	0.95000%	5.46000%	100.00000%	Act/360	2021-22	1.004866%	100%	0	0	
JPY Equ. 350Million B	12-04-2021	10-10-2021	0.95000%	5.46000%	100.00000%	Act/360	2021-22	1.004866%	100%	0	0	
JPY Equ. 350Million B	11-10-2021	31-03-2022	0.95000%	5.46000%	100.00000%	Act/360	2021-22	1.004866%	100%	0	0	
JPY Equ. 350Million B	01-04-2022	10-04-2022	0.95000%	5.46000%	100.00000%	Act/360	2022-23	1.004866%	100%	0	0	
JPY Equ. 350Million B	11-04-2022	11-07-2022	0.95000%	5.46000%	100.00000%	Act/365	2022-23	1.004866%	100%	0	0	
JPY Equ. 350Million B	12-07-2022	11-10-2022	0.95000%	5.46000%	100.00000%	Act/365	2022-23	1.004866%	100%	0	0	
JPY Equ. 350Million B	12-10-2022	11-01-2023	0.95000%	5.46000%	100.00000%	Act/365	2022-23	1.004866%	100%	0	0	
JPY Equ. 350Million B	12-01-2023	31-03-2023	0.95000%	5.46000%	100.00000%	Act/365	2022-23	1.004866%	100%	0	0	
JPY Equ. 350Million B	01-04-2023	11-04-2023	0.95000%	5.46000%	100.00000%	Act/365	2023-24	1.004866%	100%	0	0	
JPY Equ. 350Million B	12-04-2023	11-07-2023	0.95000%	5.46000%	100.00000%	Act/365	2023-24	1.004866%	100%	0	0	
JPY Equ. 350Million B	12-07-2023	11-10-2023	0.95000%	5.46000%	100.00000%	Act/365	2023-24	1.004866%	100%	0	0	
JPY Equ. 350Million B	12-10-2023	11-01-2024	0.95000%	5.46000%	100.00000%	Act/365	2023-24	1.004866%	100%	0	0	
JPY Equ. 350Million B	12-01-2024	31-03-2024	0.96342%	5.46000%	100.00000%	Act/365	2023-24	1.019061%	100%	1	0.01021853	1.02190%
JPY Equ. 300Million A	01-04-2019	09-04-2019	1.02000%	5.46000%	100.00000%	Act/360	2019-20	1.078908%	100%	0	0	
JPY Equ. 300Million A	10-04-2019	09-07-2019	1.02000%	5.46000%	100.00000%	Act/360	2019-20	1.078908%	100%	0	0	
JPY Equ. 300Million A	10-07-2019	09-01-2020	1.02000%	5.46000%	100.00000%	Act/360	2019-20	1.078908%	100%	0	0	
JPY Equ. 300Million A	10-01-2020	29-02-2020	1.03467%	5.46000%	100.00000%	Act/360	2019-20	1.094426%	100%	0	0	
JPY Equ. 300Million A	01-03-2020	31-03-2020	1.03467%	5.46000%	100.00000%	Act/360	2019-20	1.094426%	100%	0	0	
JPY Equ. 300Million A	01-04-2020	12-07-2020	1.03467%	5.46000%	100.00000%	Act/360	2020-21	1.094426%	100%	0	0	
JPY Equ. 300Million A	13-07-2020	12-01-2021	1.02000%	5.46000%	100.00000%	Act/360	2020-21	1.078908%	100%	0	0	
JPY Equ. 300Million A	13-01-2021	31-03-2021	1.02000%	5.46000%	100.00000%	Act/360	2020-21	1.078908%	100%	0	0	
JPY Equ. 300Million A	01-04-2021	12-07-2021	1.02000%	5.46000%	100.00000%	Act/360	2021-22	1.078908%	100%	0	0	
JPY Equ. 300Million A	13-07-2021	12-01-2022	1.02000%	5.46000%	100.00000%	Act/360	2021-22	1.078908%	100%	0	0	
JPY Equ. 300Million A	13-01-2022	31-03-2022	1.02000%	5.46000%	100.00000%	Act/365	2021-22	1.078908%	100%	0	0	
JPY Equ. 300Million A	01-04-2022	12-04-2022	1.02000%	5.46000%	100.00000%	Act/365	2022-23	1.078908%	100%	0	0	
JPY Equ. 300Million A	13-04-2022	12-07-2022	1.02000%	5.46000%	100.00000%	Act/365	2022-23	1.078908%	100%	0	0	
JPY Equ. 300Million A	13-07-2022	12-10-2022	1.02000%	5.46000%	100.00000%	Act/365	2022-23	1.078908%	100%	0	0	
JPY Equ. 300Million A	13-10-2022	12-01-2023	1.02000%	5.46000%	100.00000%	Act/365	2022-23	1.078908%	100%	0	0	
JPY Equ. 300Million A	13-01-2023	31-03-2023	1.02000%	5.46000%	100.00000%	Act/365	2022-23	1.078908%	100%	0	0	

										From	31-03-2024	
										To	31-03-2024	
Name of the Loan	From	To	Floating Rate of interest	Withholding Tax (WHT)	Applicability of Withholding Tax	Interest Basis	Financial year	Interest rate (incl WHT)	Loan Proportion	No of days	Product	WAVG rate
JPY Equ. 300Million A	01-04-2023	12-04-2023	1.02000%	5.46000%	100.00000%	Act/365	2023-24	1.078908%	100%	0	0	
JPY Equ. 300Million A	13-04-2023	12-07-2023	1.02000%	5.46000%	100.00000%	Act/365	2023-24	1.078908%	100%	0	0	
JPY Equ. 300Million A	13-07-2023	12-10-2023	1.02000%	5.46000%	100.00000%	Act/365	2023-24	1.078908%	100%	0	0	
JPY Equ. 300Million A	13-10-2023	14-01-2024	1.02000%	5.46000%	100.00000%	Act/365	2023-24	1.078908%	100%	0	0	
JPY Equ. 300Million A	15-01-2024	31-03-2024	1.03665%	5.46000%	100.00000%	Act/365	2023-24	1.096520%	100%	1	0.01099524	1.09950%
JPY Equ. 300Million B	01-04-2019	09-04-2019	1.02000%	5.46000%	100.00000%	Act/360	2019-20	1.078908%	100%	0	0	
JPY Equ. 300Million B	10-04-2019	09-07-2019	1.02000%	5.46000%	100.00000%	Act/360	2019-20	1.078908%	100%	0	0	
JPY Equ. 300Million B	10-07-2019	09-01-2020	1.02000%	5.46000%	100.00000%	Act/360	2019-20	1.078908%	100%	0	0	
JPY Equ. 300Million B	10-01-2020	29-02-2020	1.03467%	5.46000%	100.00000%	Act/360	2019-20	1.094426%	100%	0	0	
JPY Equ. 300Million B	01-03-2020	31-03-2020	1.03467%	5.46000%	100.00000%	Act/360	2019-20	1.094426%	100%	0	0	
JPY Equ. 300Million B	01-04-2020	12-07-2020	1.03467%	5.46000%	100.00000%	Act/360	2020-21	1.094426%	100%	0	0	
JPY Equ. 300Million B	13-07-2020	12-01-2021	1.02000%	5.46000%	100.00000%	Act/360	2020-21	1.078908%	100%	0	0	
JPY Equ. 300Million B	13-01-2021	31-03-2021	1.02000%	5.46000%	100.00000%	Act/360	2020-21	1.078908%	100%	0	0	
JPY Equ. 300Million B	01-04-2021	12-07-2021	1.02000%	5.46000%	100.00000%	Act/360	2021-22	1.078908%	100%	0	0	
JPY Equ. 300Million B	13-07-2021	12-01-2022	1.02000%	5.46000%	100.00000%	Act/360	2021-22	1.078908%	100%	0	0	
JPY Equ. 300Million B	13-01-2022	31-03-2022	1.02000%	5.46000%	100.00000%	Act/365	2021-22	1.078908%	100%	0	0	
JPY Equ. 300Million B	01-04-2022	12-04-2022	1.02000%	5.46000%	100.00000%	Act/365	2022-23	1.078908%	100%	0	0	
JPY Equ. 300Million B	13-04-2022	12-07-2022	1.02000%	5.46000%	100.00000%	Act/365	2022-23	1.078908%	100%	0	0	
JPY Equ. 300Million B	13-07-2022	12-10-2022	1.02000%	5.46000%	100.00000%	Act/365	2022-23	1.078908%	100%	0	0	
JPY Equ. 300Million B	13-10-2022	12-01-2023	1.02000%	5.46000%	100.00000%	Act/365	2022-23	1.078908%	100%	0	0	
JPY Equ. 300Million B	13-01-2023	31-03-2023	1.02000%	5.46000%	100.00000%	Act/365	2022-23	1.078908%	100%	0	0	
JPY Equ. 300Million B	01-04-2023	12-04-2023	1.02000%	5.46000%	100.00000%	Act/365	2023-24	1.078908%	100%	0	0	
JPY Equ. 300Million B	13-04-2023	12-07-2023	1.02000%	5.46000%	100.00000%	Act/365	2023-24	1.078908%	100%	0	0	
JPY Equ. 300Million B	13-07-2023	12-10-2023	1.02000%	5.46000%	100.00000%	Act/365	2023-24	1.078908%	100%	0	0	
JPY Equ. 300Million B	13-10-2023	14-01-2024	1.02000%	5.46000%	100.00000%	Act/365	2023-24	1.078908%	100%	0	0	
JPY Equ. 300Million B	15-01-2024	31-03-2024	1.03665%	5.46000%	100.00000%	Act/365	2023-24	1.096520%	100%	1	0.01099524	1.09950%
JPY Equ. 750M Drawl (I to IV)	29-01-2020	29-02-2020	0.80000%	5.46000%	58.73020%	Act/360	2019-20	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	01-03-2020	31-03-2020	0.80000%	5.46000%	58.73020%	Act/360	2019-20	0.827135%	75%	0	0	

										From	31-03-2024	
										To	31-03-2024	
Name of the Loan	From	To	Floating Rate of interest	Withholding Tax (WHT)	Applicability of Withholding Tax	Interest Basis	Financial year	Interest rate (incl WHT)	Loan Proportion	No of days	Product	WAVG rate
JPY Equ. 750M Drawl (I to IV)	01-04-2020	28-04-2020	0.80000%	5.46000%	58.73020%	Act/360	2020-21	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	29-04-2020	29-07-2020	0.80000%	5.46000%	58.73020%	Act/360	2020-21	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	30-07-2020	28-01-2021	0.80000%	5.46000%	58.73020%	Act/360	2020-21	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	29-01-2021	31-03-2021	0.80000%	5.46000%	58.73020%	Act/360	2020-21	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	01-04-2021	28-07-2021	0.80000%	5.46000%	58.73020%	Act/360	2021-22	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	29-07-2021	31-08-2021	0.80000%	5.46000%	58.73020%	Act/360	2021-22	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	01-09-2021	30-01-2022	0.80000%	5.46000%	58.73020%	Act/360	2021-22	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	31-01-2022	31-03-2022	0.80000%	5.46000%	58.73020%	Act/365	2021-22	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	01-04-2022	27-04-2022	0.80000%	5.46000%	58.73020%	Act/365	2022-23	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	28-04-2022	27-07-2022	0.80000%	5.46000%	58.73020%	Act/365	2022-23	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	28-07-2022	27-10-2022	0.80000%	5.46000%	58.73020%	Act/365	2022-23	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	28-10-2022	29-01-2023	0.80000%	5.46000%	58.73020%	Act/365	2022-23	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	30-01-2023	31-03-2023	0.80000%	5.46000%	58.73020%	Act/365	2022-23	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	01-04-2023	27-04-2023	0.80000%	5.46000%	58.73020%	Act/365	2023-24	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	28-04-2023	30-07-2023	0.80000%	5.46000%	58.73020%	Act/365	2023-24	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	31-07-2023	29-10-2023	0.80000%	5.46000%	58.73020%	Act/365	2023-24	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	30-10-2023	30-01-2024	0.80000%	5.46000%	58.73020%	Act/365	2023-24	0.827135%	75%	0	0	
JPY Equ. 750M Drawl (I to IV)	31-01-2024	31-03-2024	0.83190%	5.46000%	58.73020%	Act/365	2023-24	0.860117%	75%	1	0.00646855	
JPY Equ. 750M Drawl (I to IV)	29-01-2020	29-02-2020	1.02000%	5.46000%	52.38100%	Act/360	2019-20	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	01-03-2020	31-03-2020	1.02000%	5.46000%	52.38100%	Act/360	2019-20	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	01-04-2020	28-04-2020	1.02000%	5.46000%	52.38100%	Act/360	2020-21	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	29-04-2020	29-07-2020	1.02000%	5.46000%	52.38100%	Act/360	2020-21	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	30-07-2020	28-01-2021	1.02000%	5.46000%	52.38100%	Act/360	2020-21	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	29-01-2021	31-03-2021	1.02000%	5.46000%	52.38100%	Act/360	2020-21	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	01-04-2021	28-07-2021	1.02000%	5.46000%	52.38100%	Act/360	2021-22	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	29-07-2021	31-08-2021	1.02000%	5.46000%	52.38100%	Act/360	2021-22	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	01-09-2021	30-01-2022	1.02000%	5.46000%	52.38100%	Act/360	2021-22	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	31-01-2022	31-03-2022	1.02000%	5.46000%	52.38100%	Act/365	2021-22	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	01-04-2022	27-04-2022	1.02000%	5.46000%	52.38100%	Act/365	2022-23	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	28-04-2022	27-07-2022	1.02000%	5.46000%	52.38100%	Act/365	2022-23	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	28-07-2022	27-10-2022	1.02000%	5.46000%	52.38100%	Act/365	2022-23	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	28-10-2022	29-01-2023	1.02000%	5.46000%	52.38100%	Act/365	2022-23	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	30-01-2023	31-03-2023	1.02000%	5.46000%	52.38100%	Act/365	2022-23	1.050857%	25%	0	0	

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Name of the Loan	From	To	Floating Rate of interest	Withholding Tax (WHT)	Applicability of Withholding Tax	Interest Basis	Financial year	Interest rate (incl WHT)	Loan Proportion	No of days	Product	WAVG rate
JPY Equ. 750M Drawl (I to IV)	01-04-2023	27-04-2023	1.02000%	5.46000%	52.38100%	Act/365	2023-24	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	28-04-2023	30-07-2023	1.02000%	5.46000%	52.38100%	Act/365	2023-24	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	31-07-2023	29-10-2023	1.02000%	5.46000%	52.38100%	Act/365	2023-24	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	30-10-2023	30-01-2024	1.02000%	5.46000%	52.38100%	Act/365	2023-24	1.050857%	25%	0	0	
JPY Equ. 750M Drawl (I to IV)	31-01-2024	31-03-2024	1.05190%	5.46000%	52.38100%	Act/365	2023-24	1.083722%	25%	1	0.00271673	0.91850%
JPY Equ. 750M Drawl (V-VI)	27-11-2020	25-02-2021	0.80000%	5.46000%	0.00000%	Act/360	2020-21	0.800000%	75%	0	0	
JPY Equ. 750M Drawl (V-VI)	26-02-2021	31-03-2021	0.80000%	5.46000%	0.00000%	Act/360	2020-21	0.800000%	75%	0	0	
JPY Equ. 750M Drawl (V-VI)	01-04-2021	28-07-2021	0.80000%	5.46000%	0.00000%	Act/360	2021-22	0.800000%	75%	0	0	
JPY Equ. 750M Drawl (V-VI)	29-07-2021	31-08-2021	0.80000%	5.46000%	0.00000%	Act/360	2021-22	0.800000%	75%	0	0	
JPY Equ. 750M Drawl (V-VI)	01-09-2021	30-01-2022	0.80000%	5.46000%	0.00000%	Act/360	2021-22	0.800000%	75%	0	0	
JPY Equ. 750M Drawl (V-VI)	31-01-2022	31-03-2022	0.80000%	5.46000%	0.00000%	Act/365	2021-22	0.800000%	75%	0	0	
JPY Equ. 750M Drawl (V-VI)	01-04-2022	27-04-2022	0.80000%	5.46000%	0.00000%	Act/365	2022-23	0.800000%	75%	0	0	
JPY Equ. 750M Drawl (V-VI)	28-04-2022	27-07-2022	0.80000%	5.46000%	0.00000%	Act/365	2022-23	0.800000%	75%	0	0	
JPY Equ. 750M Drawl (V-VI)	28-07-2022	27-10-2022	0.80000%	5.46000%	0.00000%	Act/365	2022-23	0.800000%	75%	0	0	
JPY Equ. 750M Drawl (V-VI)	28-10-2022	29-01-2023	0.80000%	5.46000%	0.00000%	Act/365	2022-23	0.800000%	75%	0	0	
JPY Equ. 750M Drawl (V-VI)	30-01-2023	31-03-2023	0.80000%	5.46000%	0.00000%	Act/365	2022-23	0.800000%	75%	0	0	
JPY Equ. 750M Drawl (V-VI)	01-04-2023	27-04-2023	0.80000%	5.46000%	0.00000%	Act/365	2023-24	0.800000%	75%	0	0	
JPY Equ. 750M Drawl (V-VI)	28-04-2023	30-07-2023	0.80000%	5.46000%	0.00000%	Act/365	2023-24	0.800000%	75%	0	0	
JPY Equ. 750M Drawl (V-VI)	31-07-2023	29-10-2023	0.80000%	5.46000%	0.00000%	Act/365	2023-24	0.800000%	75%	0	0	
JPY Equ. 750M Drawl (V-VI)	30-10-2023	30-01-2024	0.80000%	5.46000%	0.00000%	Act/365	2023-24	0.800000%	75%	0	0	
JPY Equ. 750M Drawl (V-VI)	31-01-2024	31-03-2024	0.83190%	5.46000%	0.00000%	Act/365	2023-24	0.831900%	75%	1	0.00625634	
JPY Equ. 750M Drawl (V-VI)	27-11-2020	25-02-2021	1.02000%	5.46000%	0.00000%	Act/360	2020-21	1.020000%	25%	0	0	
JPY Equ. 750M Drawl (V-VI)	26-02-2021	31-03-2021	1.02000%	5.46000%	0.00000%	Act/360	2020-21	1.020000%	25%	0	0	
JPY Equ. 750M Drawl (V-VI)	01-04-2021	28-07-2021	1.02000%	5.46000%	0.00000%	Act/360	2021-22	1.020000%	25%	0	0	
JPY Equ. 750M Drawl (V-VI)	29-07-2021	31-08-2021	1.02000%	5.46000%	0.00000%	Act/360	2021-22	1.020000%	25%	0	0	
JPY Equ. 750M Drawl (V-VI)	01-09-2021	30-01-2022	1.02000%	5.46000%	0.00000%	Act/360	2021-22	1.020000%	25%	0	0	
JPY Equ. 750M Drawl (V-VI)	31-01-2022	31-03-2022	1.02000%	5.46000%	0.00000%	Act/365	2021-22	1.020000%	25%	0	0	
JPY Equ. 750M Drawl (V-VI)	01-04-2022	27-04-2022	1.02000%	5.46000%	0.00000%	Act/365	2022-23	1.020000%	25%	0	0	
JPY Equ. 750M Drawl (V-VI)	28-04-2022	27-07-2022	1.02000%	5.46000%	0.00000%	Act/365	2022-23	1.020000%	25%	0	0	
JPY Equ. 750M Drawl (V-VI)	28-07-2022	27-10-2022	1.02000%	5.46000%	0.00000%	Act/365	2022-23	1.020000%	25%	0	0	

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Name of the Loan	From	To	Floating Rate of interest	Withholding Tax (WHT)	Applicability of Withholding Tax	Interest Basis	Financial year	Interest rate (incl WHT)	Loan Proportion	No of days	Product	WAVG rate
JPY Equ. 750M Drawl (V-VI)	28-10-2022	29-01-2023	1.02000%	5.46000%	0.00000%	Act/365	2022-23	1.020000%	25%	0	0	
JPY Equ. 750M Drawl (V-VI)	30-01-2023	31-03-2023	1.02000%	5.46000%	0.00000%	Act/365	2022-23	1.020000%	25%	0	0	
JPY Equ. 750M Drawl (V-VI)	01-04-2023	27-04-2023	1.02000%	5.46000%	0.00000%	Act/365	2023-24	1.020000%	25%	0	0	
JPY Equ. 750M Drawl (V-VI)	28-04-2023	30-07-2023	1.02000%	5.46000%	0.00000%	Act/365	2023-24	1.020000%	25%	0	0	
JPY Equ. 750M Drawl (V-VI)	31-07-2023	29-10-2023	1.02000%	5.46000%	0.00000%	Act/365	2023-24	1.020000%	25%	0	0	
JPY Equ. 750M Drawl (V-VI)	30-10-2023	30-01-2024	1.02000%	5.46000%	0.00000%	Act/365	2023-24	1.020000%	25%	0	0	
JPY Equ. 750M Drawl (V-VI)	31-01-2024	31-03-2024	1.05190%	5.46000%	0.00000%	Act/365	2023-24	1.051900%	25%	1	0.00263695	0.88930%
Mizuho II	01-04-2019	14-07-2019	4.11463%	5.46000%	100.00000%	Act/360	2019-20	4.352264%	100%	0	0	
Mizuho II	15-07-2019	14-01-2020	3.46263%	5.46000%	100.00000%	Act/360	2019-20	3.662608%	100%	0	0	
Mizuho II	15-01-2020	25-03-2020	3.05720%	5.46000%	100.00000%	Act/360	2019-20	3.233763%	100%	0	0	
Mizuho II	26-03-2020	31-03-2020	2.23213%	5.46000%	100.00000%	Act/360	2019-20	2.361043%	100%	0	0	
Mizuho II	01-04-2020	27-09-2020	2.23213%	5.46000%	100.00000%	Act/360	2020-21	2.361043%	100%	0	0	
Mizuho II	28-09-2020	25-03-2021	1.52350%	5.46000%	100.00000%	Act/360	2020-21	1.611487%	100%	0	0	
Mizuho II	26-03-2021	31-03-2021	1.45950%	5.46000%	100.00000%	Act/360	2020-21	1.543791%	100%	0	0	
Mizuho II	01-04-2021	31-08-2021	1.45950%	5.46000%	100.00000%	Act/360	2021-22	1.543791%	100%	0	0	
Mizuho II	01-09-2021	27-09-2021	1.45950%	5.46000%	100.00000%	Act/360	2021-22	1.543791%	100%	0	0	0.00000%
Euro Loan I Drawl I	07-06-2021	05-12-2021	0.95000%	1.77703%		Act/360	2021-22	0.966882%	100%	0	0	
Euro Loan I Drawl I	06-12-2021	31-03-2022	0.95000%	1.77703%		Act/360	2021-22	0.966882%	100%	0	0	
Euro Loan I Drawl I	01-04-2022	05-06-2022	0.95000%	1.77703%		Act/360	2022-23	0.966882%	100%	0	0	
Euro Loan I Drawl I	06-06-2022	05-12-2022	0.95000%	1.77703%		Act/360	2022-23	0.966882%	100%	0	0	
Euro Loan I Drawl I	06-12-2022	31-03-2023	3.35600%	1.77703%		Act/360	2022-23	3.415637%	100%	0	0	
Euro Loan I Drawl I	01-04-2023	05-06-2023	3.35600%	1.77703%		Act/360	2023-24	3.415637%	100%	0	0	
Euro Loan I Drawl I	06-06-2023	05-12-2023	4.67800%	1.77703%		Act/360	2023-24	4.761129%	100%	0	0	
Euro Loan I Drawl I	06-12-2023	31-03-2024	4.89500%	1.77703%		Act/360	2023-24	4.981985%	100%	1	0.05065019	5.06500%
Euro Loan I Drawl II	11-08-2021	31-08-2021	0.95000%	1.743516%		Act/360	2021-22	0.966563%	100%	0	0	

											From	31-03-2024
											To	31-03-2024
Name of the Loan	From	To	Floating Rate of interest	Withholding Tax (WHT)	Applicability of Withholding Tax	Interest Basis	Financial year	Interest rate (incl WHT)	Loan Proportion	No of days	Product	WAVG rate
Euro Loan I Drawl II	01-09-2021	05-12-2021	0.95000%	1.743516%		Act/360	2021-22	0.966563%	100%	0	0	
Euro Loan I Drawl II	06-12-2021	31-03-2022	0.95000%	1.743516%		Act/360	2021-22	0.966563%	100%	0	0	
Euro Loan I Drawl II	01-04-2022	05-06-2022	0.95000%	1.743516%		Act/360	2022-23	0.966563%	100%	0	0	
Euro Loan I Drawl II	06-06-2022	05-12-2022	0.95000%	1.743516%		Act/360	2022-23	0.966563%	100%	0	0	
Euro Loan I Drawl II	06-12-2022	31-03-2023	3.35600%	1.743516%		Act/360	2022-23	3.414512%	100%	0	0	
Euro Loan I Drawl II	01-04-2023	05-06-2023	3.35600%	1.743516%		Act/360	2023-24	3.414512%	100%	0	0	
Euro Loan I Drawl II	06-06-2023	05-12-2023	4.67800%	1.743516%		Act/360	2023-24	4.759562%	100%	0	0	
Euro Loan I Drawl II	06-12-2023	31-03-2024	4.89500%	1.743516%		Act/360	2023-24	4.980345%	100%	1	0.05063351	5.06340%
Euro Loan I Drawl III	21-09-2021	05-12-2021	0.95000%	1.743516%		Act/360	2021-22	0.966563%	100%	0	0	
Euro Loan I Drawl III	06-12-2021	31-03-2022	0.95000%	1.743516%		Act/360	2021-22	0.966563%	100%	0	0	
Euro Loan I Drawl III	01-04-2022	05-06-2022	0.95000%	1.743516%		Act/360	2022-23	0.966563%	100%	0	0	
Euro Loan I Drawl III	06-06-2022	05-12-2022	0.95000%	1.743516%		Act/360	2022-23	0.966563%	100%	0	0	
Euro Loan I Drawl III	06-12-2022	31-03-2023	3.35600%	1.743516%		Act/360	2022-23	3.414512%	100%	0	0	
Euro Loan I Drawl III	01-04-2023	05-06-2023	3.35600%	1.743516%		Act/360	2023-24	3.414512%	100%	0	0	
Euro Loan I Drawl III	06-06-2023	05-12-2023	4.67800%	1.743516%		Act/360	2023-24	4.759562%	100%	0	0	
Euro Loan I Drawl III	06-12-2023	31-03-2024	4.89500%	1.743516%		Act/360	2023-24	4.980345%	100%	1	0.05063351	5.06340%
USD 750 Million Drawl I	25-04-2022	24-07-2022	2.12913%	0		Act/360	2022-23	2.129130%	87%	0	0	
USD 750 Million Drawl I	25-07-2022	24-10-2022	3.72092%	0		Act/360	2022-23	3.720920%	87%	0	0	
USD 750 Million Drawl I	25-10-2022	31-03-2023	5.67396%	0		Act/360	2022-23	5.673960%	87%	0	0	
USD 750 Million Drawl I	01-04-2023	24-04-2023	5.67396%	0		Act/360	2023-24	5.673960%	87%	0	0	
USD 750 Million Drawl I	25-04-2023	24-10-2023	6.26834%	0		Act/360	2023-24	6.268340%	87%	0	0	
USD 750 Million Drawl I	25-10-2023	31-03-2024	6.61909%	0		Act/360	2023-24	6.619090%	87%	1	0.05832156	
USD 750 Million Drawl I	25-04-2022	24-07-2022	2.04913%	5.46000%	100.00000%	Act/360	2022-23	2.167474%	13%	0	0	
USD 750 Million Drawl I	25-07-2022	24-10-2022	3.64092%	5.46000%	100.00000%	Act/360	2022-23	3.851195%	13%	0	0	
USD 750 Million Drawl I	25-10-2022	31-03-2023	5.59396%	5.46000%	100.00000%	Act/360	2022-23	5.917030%	13%	0	0	
USD 750 Million Drawl I	01-04-2023	24-04-2023	5.59396%	5.46000%	100.00000%	Act/360	2023-24	5.917030%	13%	0	0	
USD 750 Million Drawl I	25-04-2023	24-10-2023	6.26834%	5.46000%	100.00000%	Act/360	2023-24	6.630358%	13%	0	0	

											From	31-03-2024
											To	31-03-2024
Name of the Loan	From	To	Floating Rate of interest	Withholding Tax (WHT)	Applicability of Withholding Tax	Interest Basis	Financial year	Interest rate (incl WHT)	Loan Proportion	No of days	Product	WAVG rate
USD 750 Million Drawl I	25-10-2023	31-03-2024	6.53909%	5.46000%	100.00000%	Act/360	2023-24	6.916744%	13%	1	0.00937608	6.76980%
USD 750 Million Drawl II	29-07-2022	24-10-2022	3.75674%	0		Act/360	2022-23	3.756740%	87%	0	0	
USD 750 Million Drawl II	25-10-2022	31-03-2023	5.67396%	0		Act/360	2022-23	5.673960%	87%	0	0	
USD 750 Million Drawl II	01-04-2023	24-04-2023	5.67396%	0		Act/360	2023-24	5.673960%	87%	0	0	
USD 750 Million Drawl II	25-04-2023	24-10-2023	6.26834%	0		Act/360	2023-24	6.268340%	87%	0	0	
USD 750 Million Drawl II	25-10-2023	31-03-2024	6.61909%	0		Act/360	2023-24	6.619090%	87%	1	0.05832156	
USD 750 Million Drawl II	29-07-2022	24-10-2022	3.67674%	5.46000%	100.00000%	Act/360	2022-23	3.889084%	13%	0	0	
USD 750 Million Drawl II	25-10-2022	31-03-2023	5.59396%	5.46000%	100.00000%	Act/360	2022-23	5.917030%	13%	0	0	
USD 750 Million Drawl II	01-04-2023	24-04-2023	5.59396%	5.46000%	100.00000%	Act/360	2023-24	5.917030%	13%	0	0	
USD 750 Million Drawl II	25-04-2023	24-10-2023	6.26834%	5.46000%	100.00000%	Act/360	2023-24	6.630358%	13%	0	0	
USD 750 Million Drawl II	25-10-2023	31-03-2024	6.53909%	5.46000%	100.00000%	Act/360	2023-24	6.916744%	13%	1	0.00937608	6.76980%
USD 750 Million Drawl III	28-09-2022	24-10-2022	4.41820%	0		Act/360	2022-23	4.418200%	87%	0	0	
USD 750 Million Drawl III	25-10-2022	31-03-2023	5.67396%	0		Act/360	2022-23	5.673960%	87%	0	0	
USD 750 Million Drawl III	01-04-2023	24-04-2023	5.67396%	0		Act/360	2023-24	5.673960%	87%	0	0	
USD 750 Million Drawl III	25-04-2023	24-10-2023	6.26834%	0		Act/360	2023-24	6.268340%	87%	0	0	
USD 750 Million Drawl III	25-10-2023	31-03-2024	6.61909%	0		Act/360	2023-24	6.619090%	87%	1	0.05832156	
USD 750 Million Drawl III	28-09-2022	24-10-2022	4.06820%	5.46000%	100.00000%	Act/360	2022-23	4.303152%	13%	0	0	
USD 750 Million Drawl III	25-10-2022	31-03-2023	5.59396%	5.46000%	100.00000%	Act/360	2022-23	5.917030%	13%	0	0	
USD 750 Million Drawl III	01-04-2023	24-04-2023	5.59396%	5.46000%	100.00000%	Act/360	2023-24	5.917030%	13%	0	0	
USD 750 Million Drawl III	25-04-2023	24-10-2023	6.26834%	5.46000%	100.00000%	Act/360	2023-24	6.630358%	13%	0	0	
USD 750 Million Drawl III	25-10-2023	31-03-2024	6.53909%	5.46000%	100.00000%	Act/360	2023-24	6.916744%	13%	1	0.00937608	6.76980%
USD 750 Million Drawl IV	09-11-2022	31-03-2023	5.71764%	0		Act/360	2022-23	5.717640%	87%	0	0	
USD 750 Million Drawl IV	01-04-2023	24-04-2023	5.71764%	0		Act/360	2023-24	5.717640%	87%	0	0	
USD 750 Million Drawl IV	25-04-2023	24-10-2023	6.26834%	0		Act/360	2023-24	6.268340%	87%	0	0	
USD 750 Million Drawl IV	25-10-2023	31-03-2024	6.61909%	0		Act/360	2023-24	6.619090%	87%	1	0.05832156	
USD 750 Million Drawl IV	09-11-2022	31-03-2023	5.63764%	5.46000%	100.00000%	Act/360	2022-23	5.963232%	13%	0	0	
USD 750 Million Drawl IV	01-04-2023	24-04-2023	5.63764%	5.46000%	100.00000%	Act/360	2023-24	5.963232%	13%	0	0	

										From	31-03-2024		
										To	31-03-2024		
Name of the Loan	From	To	Floating Rate of interest	Withholding Tax (WHT)	Applicability of Withholding Tax	Interest Basis	Financial year	Interest rate (incl WHT)	Loan Proportion	No of days	Product	WAVG rate	
USD 750 Million Drawl IV	25-04-2023	24-10-2023	6.26834%	5.46000%	100.00000%	Act/360	2023-24	6.630358%	13%	0	0		
USD 750 Million Drawl IV	25-10-2023	31-03-2024	6.53909%	5.46000%	100.00000%	Act/360	2023-24	6.916744%	13%	1	0.00937608	6.76980%	
USD 750 Million Drawl V	23-12-2022	31-03-2023	5.71764%	0		Act/360	2022-23	5.717640%	87%	0	0		
USD 750 Million Drawl V	01-04-2023	24-04-2023	5.71764%	0		Act/360	2023-24	5.717640%	87%	0	0		
USD 750 Million Drawl V	25-04-2023	24-10-2023	6.26834%	0		Act/360	2023-24	6.268340%	87%	0	0		
USD 750 Million Drawl V	25-10-2023	31-03-2024	6.61909%	0		Act/360	2023-24	6.619090%	87%	1	0.05832156		
USD 750 Million Drawl V	23-12-2022	31-03-2023	5.63764%	5.46000%	100.00000%	Act/360	2022-23	5.963232%	13%	0	0		
USD 750 Million Drawl V	01-04-2023	24-04-2023	5.63764%	5.46000%	100.00000%	Act/360	2023-24	5.963232%	13%	0	0		
USD 750 Million Drawl V	25-04-2023	24-10-2023	6.26834%	5.46000%	100.00000%	Act/360	2023-24	6.630358%	13%	0	0		
USD 750 Million Drawl V	25-10-2023	31-03-2024	6.53909%	5.46000%	100.00000%	Act/360	2023-24	6.916744%	13%	1	0.00937608	6.76980%	
USD 750 Million Drawl VI	08-02-2023	31-03-2023	5.71764%	0		Act/360	2022-23	5.717640%	87%	0	0		
USD 750 Million Drawl VI	01-04-2023	24-04-2023	5.71764%	0		Act/360	2023-24	5.717640%	87%	0	0		
USD 750 Million Drawl VI	25-04-2023	24-10-2023	6.26834%	0		Act/360	2023-24	6.268340%	87%	0	0		
USD 750 Million Drawl VI	25-10-2023	31-03-2024	6.61909%	0		Act/360	2023-24	6.619090%	87%	1	0.05832156		
USD 750 Million Drawl VI	08-02-2023	31-03-2023	5.63764%	5.46000%	100.00000%	Act/360	2022-23	5.963232%	13%	0	0		
USD 750 Million Drawl VI	01-04-2023	24-04-2023	5.63764%	5.46000%	100.00000%	Act/360	2023-24	5.963232%	13%	0	0		
USD 750 Million Drawl VI	25-04-2023	24-10-2023	6.26834%	5.46000%	100.00000%	Act/360	2023-24	6.630358%	13%	0	0		
USD 750 Million Drawl VI	25-10-2023	31-03-2024	6.53909%	5.46000%	100.00000%	Act/360	2023-24	6.916744%	13%	1	0.00937608	6.76980%	
JPY Equ. \$400 Million Drawl I	15-05-2023	14-11-2023	1.20000%	0		Act/365	2023-24	1.200000%	100%	0	0		
JPY Equ. \$400 Million Drawl I	15-11-2023	31-03-2024	1.21218%	0		Act/365	2023-24	1.212180%	100%	1	0.01215501	1.21550%	
JPY Equ. \$400 Million Drawl II	24-07-2023	14-11-2023	1.20000%	0		Act/365	2023-24	1.200000%	100%	0	0		
JPY Equ. \$400 Million Drawl II	15-11-2023	31-03-2024	1.21218%	0		Act/365	2023-24	1.212180%	100%	1	0.01215501	1.21550%	

										From	31-03-2024	
										To	31-03-2024	
Name of the Loan	From	To	Floating Rate of interest	Withholding Tax (WHT)	Applicability of Withholding Tax	Interest Basis	Financial year	Interest rate (incl WHT)	Loan Proportion	No of days	Product	WAVG rate
JPY Equ. \$400 Million Drawl III	25-09-2023	14-11-2023	1.20000%	0		Act/365	2023-24	1.200000%	100%	0	0	
JPY Equ. \$400 Million Drawl III	15-11-2023	31-03-2024	1.21218%	0		Act/365	2023-24	1.212180%	100%	1	0.01215501	1.21550%
JPY Equ. \$400 Million Drawl IV	22-12-2023	31-03-2024	1.21886%	0		Act/365	2023-24	1.218860%	100%	1	0.01222199	1.22220%
JBIC Green I Drawl I	25-02-2021	16-03-2021	0.92000%	0.00000%		Act/360	2020-21	0.920000%	100%	0	0	
JBIC Green I Drawl I	17-03-2021	31-03-2021	0.92000%	0.00000%		Act/360	2020-21	0.920000%	100%	0	0	
JBIC Green I Drawl I	01-04-2021	16-09-2021	0.92000%	0.00000%		Act/360	2021-22	0.920000%	100%	0	0	
JBIC Green I Drawl I	17-09-2021	16-03-2022	0.92000%	0.00000%		Act/360	2021-22	0.920000%	100%	0	0	
JBIC Green I Drawl I	17-03-2022	31-03-2022	0.96017%	0.00000%		Act/360	2021-22	0.960170%	100%	0	0	
JBIC Green I Drawl I	01-04-2022	19-09-2022	0.96017%	0.00000%		Act/360	2022-23	0.960170%	100%	0	0	
JBIC Green I Drawl I	20-09-2022	16-03-2023	0.93264%	0.00000%		Act/360	2022-23	0.932640%	100%	0	0	
JBIC Green I Drawl I	17-03-2023	31-03-2023	0.93557%	0.00000%		Act/360	2022-23	0.935570%	100%	0	0	
JBIC Green I Drawl I	01-04-2023	18-09-2023	0.93557%	0.00000%		Act/360	2023-24	0.935570%	100%	0	0	
JBIC Green I Drawl I	19-09-2023	17-03-2024	0.95966%	0.00000%		Act/360	2023-24	0.959660%	100%	0	0	
JBIC Green I Drawl I	18-03-2024	31-03-2024	1.07223%	0.00000%		Act/360	2023-24	1.072230%	100%	1	0.01090101	1.09010%
JBIC Green I Drawl II	27-09-2021	16-03-2022	0.92000%	0.00000%		Act/360	2021-22	0.920000%	100%	0	0	
JBIC Green I Drawl II	17-03-2022	31-03-2022	0.96017%	0.00000%		Act/360	2021-22	0.960170%	100%	0	0	
JBIC Green I Drawl II	01-04-2022	19-09-2022	0.96017%	0.00000%		Act/360	2022-23	0.960170%	100%	0	0	
JBIC Green I Drawl II	20-09-2022	16-03-2023	0.93264%	0.00000%		Act/360	2022-23	0.932640%	100%	0	0	
JBIC Green I Drawl II	17-03-2023	31-03-2023	0.93557%	0.00000%		Act/360	2022-23	0.935570%	100%	0	0	
JBIC Green I Drawl II	01-04-2023	18-09-2023	0.93557%	0.00000%		Act/360	2023-24	0.935570%	100%	0	0	
JBIC Green I Drawl II	19-09-2023	17-03-2024	0.95966%	0.00000%		Act/360	2023-24	0.959660%	100%	0	0	
JBIC Green I Drawl II	18-03-2024	31-03-2024	1.07223%	0.00000%		Act/360	2023-24	1.072230%	100%	1	0.01090101	1.09010%
JBIC Green I Drawl III	11-01-2022	16-03-2022	0.92000%	0.00000%		Act/360	2021-22	0.920000%	100%	0	0	
JBIC Green I Drawl III	17-03-2022	31-03-2022	0.96017%	0.00000%		Act/360	2021-22	0.960170%	100%	0	0	
JBIC Green I Drawl III	01-04-2022	19-09-2022	0.96017%	0.00000%		Act/360	2022-23	0.960170%	100%	0	0	

										From	31-03-2024	
										To	31-03-2024	
Name of the Loan	From	To	Floating Rate of interest	Withholding Tax (WHT)	Applicability of Withholding Tax	Interest Basis	Financial year	Interest rate (incl WHT)	Loan Proportion	No of days	Product	WAVG rate
JBIC Green I Drawl III	20-09-2022	16-03-2023	0.93264%	0.00000%		Act/360	2022-23	0.932640%	100%	0	0	
JBIC Green I Drawl III	17-03-2023	31-03-2023	0.93557%	0.00000%		Act/360	2022-23	0.935570%	100%	0	0	
JBIC Green I Drawl III	01-04-2023	18-09-2023	0.93557%	0.00000%		Act/360	2023-24	0.935570%	100%	0	0	
JBIC Green I Drawl III	19-09-2023	17-03-2024	0.95966%	0.00000%		Act/360	2023-24	0.959660%	100%	0	0	
JBIC Green I Drawl III	18-03-2024	31-03-2024	1.07223%	0.00000%		Act/360	2023-24	1.072230%	100%	1	0.01090101	1.09010%
JBIC Green I Drawl IV	28-04-2022	19-09-2022	0.95702%	0.00000%		Act/360	2022-23	0.957020%	100%	0	0	
JBIC Green I Drawl IV	20-09-2022	16-03-2023	0.93264%	0.00000%		Act/360	2022-23	0.932640%	100%	0	0	
JBIC Green I Drawl IV	17-03-2023	31-03-2023	0.93557%	0.00000%		Act/360	2022-23	0.935570%	100%	0	0	
JBIC Green I Drawl IV	01-04-2023	18-09-2023	0.93557%	0.00000%		Act/360	2023-24	0.935570%	100%	0	0	
JBIC Green I Drawl IV	19-09-2023	17-03-2024	0.95966%	0.00000%		Act/360	2023-24	0.959660%	100%	0	0	
JBIC Green I Drawl IV	18-03-2024	31-03-2024	1.07223%	0.00000%		Act/360	2023-24	1.072230%	100%	1	0.01090101	1.09010%

S.NO	Bank Loan	Interest Rate	Applicable from	Applicable upto	Number of Days	Product	Weighted Average Rate of Interest
1	State Bank of India - VIII	8.00%	01-Apr-23	13-May-23	43.00	3.44	
		8.10%	14-May-23	13-Aug-23	92.00	7.45	
		8.15%	14-Aug-23	13-Feb-24	184.00	15.00	
		8.20%	14-Feb-24	31-Mar-24	47.00	3.85	
					366.00	29.74	8.13%
2	HDFC Bank Limited-III	8.01%	01-Apr-23	31-May-23	61.00	4.89	
		7.95%	01-Jun-23	31-Mar-24	305.00	24.25	
					366.00	29.13	7.96%
3	HDFC Bank Limited-V	8.01%	01-Apr-23	31-May-23	61.00	4.89	
		7.95%	01-Jun-23	31-Mar-24	305.00	24.25	
					366.00	29.13	7.96%
4	HDFC Bank Ltd. VI	8.01%	01-Apr-23	31-May-23	61.00	4.89	
		7.95%	01-Jun-23	31-Mar-24	305.00	24.25	
					366.00	29.13	7.96%
5	HDFC Bank Limited-VII	8.01%	01-Apr-23	31-May-23	61.00	4.89	
		7.95%	01-Jun-23	31-Mar-24	305.00	24.25	
					366.00	29.13	7.96%
6	Punjab National Bank III	7.90%	01-Apr-23	31-Mar-24	366.00	28.91	
					366.00	28.91	7.90%
7	PNB-IV	7.90%	01-Apr-23	31-Mar-24	366.00	28.91	
					366.00	28.91	7.90%
8	State Bank of India - IX	8.00%	01-Apr-23	13-May-23	43.00	3.44	
		8.10%	14-May-23	13-Aug-23	92.00	7.45	
		8.15%	14-Aug-23	13-Feb-24	184.00	15.00	
		8.20%	14-Feb-24	31-Mar-24	47.00	3.85	
					366.00	29.74	8.13%
9	State Bank of India - X	8.10%	01-Apr-23	24-Sep-23	177.00	14.34	
		8.15%	25-Sep-23	24-Dec-23	91.00	7.42	

S.NO	Bank Loan	Interest Rate	Applicable from	Applicable upto	Number of Days	Product	Weighted Average Rate of Interest
		8.20%	25-Dec-23	31-Mar-24	98.00	8.04	
					366.00	29.79	8.14%
10	State Bank of India - XI	8.00%	01-Apr-23	10-Apr-23	10.00	0.80	
		8.10%	11-Apr-23	10-Oct-23	183.00	14.82	
		8.15%	11-Oct-23	10-Jan-24	92.00	7.50	
		8.20%	11-Jan-24	31-Mar-24	81.00	6.64	
					366.00	29.76	8.13%
11	State Bank of India - XII	8.00%	01-Apr-23	10-Apr-23	10.00	0.80	
		8.10%	11-Apr-23	10-Oct-23	183.00	14.82	
		8.15%	11-Oct-23	10-Jan-24	92.00	7.50	
		8.20%	11-Jan-24	31-Mar-24	81.00	6.64	
					366.00	29.76	8.13%
13	HDFC Bank Limited-IX	8.01%	01-Apr-23	31-May-23	61.00	4.89	
		7.95%	01-Jun-23	31-Mar-24	305.00	24.25	
					366.00	29.13	7.96%
15	PNB-V	7.90%	01-Apr-23	31-Mar-24	366.00	28.91	
					366.00	28.91	7.90%
16	Axis Bank-IV	8.00%	29-03-2023	31-03-2023	3.00	0.24	8.0000%
	2023-24	8.00%	01-Apr-23	31-Mar-24	366.00	29.28	
					366.00	29.28	8.00%
17	HDFC Bank Limited-XII	7.57%	13-Oct-23	12-Nov-23	31.00	2.35	
	HDFC Bank Limited-XII	7.71%	13-Nov-23	12-Dec-23	30.00	2.31	
	HDFC Bank Limited-XII	7.78%	13-Dec-23	12-Jan-24	31.00	2.41	
	HDFC Bank Limited-XII	7.70%	13-Jan-24	12-Feb-24	31.00	2.39	
	HDFC Bank Limited-XII	7.65%	13-Feb-24	12-Mar-24	29.00	2.22	
	HDFC Bank Limited-XII	7.60%	13-Mar-24	31-Mar-24	19.00	1.44	
					171.00	13.12	7.67%

S.NO	Bank Loan	Interest Rate	Applicable from	Applicable upto	Number of Days	Product	Weighted Average Rate of Interest
17	HDFC Bank Limited-XII						
	HDFC Bank Limited-XII	7.71%	01-Dec-23	12-Dec-23	12.00	0.93	
	HDFC Bank Limited-XII	7.78%	13-Dec-23	12-Jan-24	31.00	2.41	
	HDFC Bank Limited-XII	7.70%	13-Jan-24	12-Feb-24	31.00	2.39	
	HDFC Bank Limited-XII	7.65%	13-Feb-24	12-Mar-24	29.00	2.22	
	HDFC Bank Limited-XII	7.60%	13-Mar-24	31-Mar-24	19.00	1.44	
					122.00	9.39	7.69%
17	HDFC Bank Limited-XII						
	HDFC Bank Limited-XII	7.78%	01-Jan-24	12-Jan-24	12.00	0.93	
	HDFC Bank Limited-XII	7.70%	13-Jan-24	12-Feb-24	31.00	2.39	
	HDFC Bank Limited-XII	7.65%	13-Feb-24	12-Mar-24	29.00	2.22	
	HDFC Bank Limited-XII	7.60%	13-Mar-24	31-Mar-24	19.00	1.44	
					91.00	6.98	7.67%
17	HDFC Bank Limited-XII						
	HDFC Bank Limited-XII	7.65%	01-Mar-24	12-Mar-24	12.00	0.92	
	HDFC Bank Limited-XII	7.60%	13-Mar-24	31-Mar-24	19.00	1.44	
					31.00	2.36	7.62%

S.NO	Bank Loan	Interest Rate	Applicable from	Applicable upto	Number of Days	Product	Weighted Average Rate of Interest
18	ICICI Bank-VII	8.10%	01-Apr-23	02-Sep-23	155.00	12.56	
		8.15%	03-Sep-23	12-Sep-23	10.00	0.82	
		8.00%	13-Sep-23	31-Mar-24	201.00	16.08	
					366.00	29.45	8.05%
19	UCO Bank-V						
	UCO Bank-V	7.95%	12-Sep-23	09-Dec-23	89.00	7.08	
	UCO Bank-V	8.00%	10-Dec-23	09-Mar-24	91.00	7.28	
	UCO Bank-V	8.10%	10-Mar-24	31-Mar-24	22.00	1.78	
					202.00	16.14	7.99%
20	HDFC X	8.01%	01-Apr-23	31-May-23	61.00	4.89	
		7.95%	01-Jun-23	31-Mar-24	305.00	24.25	
					366.00	29.13	7.96%
21	HDFC Bank Limited-XI						
	2023-24	7.80%	01-Sep-23	10-Oct-23	40.00	3.12	
		7.77%	11-Oct-23	10-Nov-23	31.00	2.41	
		7.92%	11-Nov-23	10-Dec-23	30.00	2.38	
		7.97%	11-Dec-23	10-Jan-24	31.00	2.47	
		7.89%	11-Jan-24	10-Feb-24	31.00	2.45	
		7.67%	11-Feb-24	10-Mar-24	29.00	2.22	
		7.84%	11-Mar-24	31-Mar-24	21.00	1.65	
					213.00	16.69	7.84%

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Tanda Super Thermal Power Station Stage-II
COD	01-07-2021
For Financial Year	2019-24 (Summary)

Amount in Rs Lakh

Sl. No.	Head of Work /Equipment	ACE Claimed					Justification	Admitted Cost by the Commission, if any
		2024-25	2025-26	2026-27	2027-28	2028-29		
1	2	3	4	5	6	7	8	9
A.	Works eligible for RoE at Normal Rate							
1	AHP & AWRS	20.76	1,214.36				Pl. refer Form-9 of respective FYs.	
2	Air Conditioning Package	500.00	283.49					
3	Ash Dyke	-	600.00	750.00	150.00			
4	Cabling & Electrical Equipment -Supply Cum Erection	197.17	235.00					
5	Coal Handling Plant	826.41	600.00					
6	Concrete Road from Gate no.-2 to FGD GHS Area and RCC Drain of Stage-II of Tanda STPP.	282.67	200.00					
7	Construction of metal road (WMM and bituminous carpeting road) from Township to Main Plant at NTPC Tanda.	117.00	-					
8	CW & Make Up Water Package	113.80	-					
9	Fire Detection & Protection System	175.42	83.00					
10	Flue Gas Desulphurization	76,090.44						
11	HT-LT Switchgear	37.68						
12	Main Plant Civil Works	1,154.14	1,960.00					
13	New tapping point for make-up water system	66.97						
14	Station C&I	56.01						
15	Steam Generator	585.35	2,683.00					
16	Turbine Generator	407.08	1,006.59					
17	Water Pre Treatment Plant	105.53	300.00					
18	Township Packages	20,843.90						
	Total (A)	1,01,580.33	9,165.44	750.00	150.00	-		

Name of the Company	NTPC LTD					Form-8
Name of the Power Station	Tanda Super Thermal Power Station Stage-II					
Particulars	1	2	3	4	5	
	Mizuho II A	4.375 % Euro Bonds 2024	4.25 % Euro Bonds 2026	2.75% Fixed Rate Notes due 2027	7.25% Fixed Rate Notes due 2022	
Source of Loan						
Drawal						
Currency	USD	USD	USD	EUR	INR	
Amount of loan sanctioned	50000000	50,00,00,000	50,00,00,000	50,00,00,000	20,00,00,00,000	
Amount of Gross Loan drawn upto 19.03.2024	50000000	50,00,00,000	50,00,00,000	50,00,00,000	20,00,00,00,000	
Interest Type	Floating	Fixed	Fixed	Fixed	Fixed	
Fixed Interest Rate, if applicable	-	4.375% *	4.25% *	2.75% *	7.25% *	
Base Rate, if floating interest*	6 Month USD Libor *	-	-	-	-	
Margin, if floating interest rate	1.25%	-	-	-	-	
Are there any Caps / Floor	No	No	No	No	No	
If above is Yes, specify Caps / Floor	-	-	-	-	-	
Moratorium Period	5yrs 6 mths	10 Years	10 Years	10 Years	5 Years	
Moratorium effective from	24-Oct-2014	26-Nov-2014	26-Feb-2016	01-Feb-2017	03-May-2017	
Repayment period	1 year 6 mths	Bullet payment	Bullet payment	Bullet payment	Bullet payment	
Repayment effective from	26-Mar-2020	26-Nov-2024	26-Feb-2026	01-Feb-2027	03-May-2022	
Repayment frequency	Four time	One time	One time	One time	One time	
Repayment installment	12500000	50,00,00,000	50,00,00,000	50,00,00,000	20,00,00,00,000	
Base Exchange Rate -	74.8500					
Are foreign currency loan hedged	No	No	No	No	No	
If above is Yes, specify details	-					
Name of the Projects	%			%	%	
Tanda II	28.25910%	5.14%	6.97%	9.72%	11.31%	

Name of the Company	NTPC LTD			Form-8
Name of the Power Station	Tanda Super Thermal Power Station Stage-II			
Particulars				
	6	7	8	9
	JPY Equ. 350Million A	JPY Equ. 350Million B	4.5% Fixed Rate Notes due 2028	JPY Equ. 300Million A
Source of Loan				
Drawal				
Currency	JPY	JPY	USD	JPY
Amount of loan sanctioned	22,52,50,59,128	16,88,99,89,866	40,00,00,000	16,28,48,76,778
Amount of Gross Loan drawn upto 19.03.2024	22,52,50,59,128	16,88,99,89,866	40,00,00,000	16,28,48,76,778
Interest Type	Floating	Floating	Fixed	Floating
Fixed Interest Rate, if applicable	-	-	4.5% *	-
Base Rate, if floating interest*	6 Month JPY Libor /3 Months TONA*	6 Month JPY Libor /3 Months TONA*	-	6 Month JPY Libor /3 Months TONA*
Margin, if floating interest rate	0.95%	0.95%	-	1.02%
Are there any Caps / Floor	No	No	No	No
If above is Yes, specify Caps / Floor	-	-	-	-
Moratorium Period	9 Years	9 Years	10 Years	9 Years
Moratorium effective from	12-Nov-2017	12-Nov-2017	19-Mar-2018	29-Jan-2019
Repayment period	1 year	1 year	Bullet payment	1 year
Repayment effective from	12-Nov-2026	12-Nov-2026	19-Mar-2028	29-Jan-2028
Repayment frequency	Three Time	Three Time	One time	Three Time
Repayment installment	7,50,83,53,043	5,62,99,96,622	40,00,00,000	5,42,82,92,259
Base Exchange Rate -				
Are foreign currency loan hedged	No	No	No	No
If above is Yes, specify details	-	-	-	-
Name of the Projects	%	%	%	%
Tanda II	13.39%	22.21%	14.17%	10.59%

Name of the Company	NTPC LTD					Form-8
Name of the Power Station	Tanda Super Thermal Power Station Stage-II					
Particulars						
	10	11	12	13	14	
	JPY Equ. 300Million B	3.75% Euro Bonds 2024 II	JPY Equ. 750Million I	JPY Equ. 750Million II	JPY Equ. 750Million III	
Source of Loan						
Drawal						
Currency	JPY	USD	JPY	JPY	JPY	
Amount of loan sanctioned	16,56,90,93,118	45,00,00,000	24,67,10,52,632	10,74,22,92,405	10,55,52,03,716	
Amount of Gross Loan drawn upto 19.03.2024	16,56,90,93,118	45,00,00,000	24,67,10,52,632	10,74,22,92,405	10,55,52,03,716	
Interest Type	Floating	Fixed	Floating	Floating	Floating	
Fixed Interest Rate, if applicable	-	3.750%	-	-	-	
Base Rate, if floating interest*	6 Month JPY Libor /3 Months TONA*	-	6 Month JPY Libor /3 Months TONA*	6 Month JPY Libor /3 Months TONA*	6 Month JPY Libor /3 Months TONA*	
Margin, if floating interest rate	1.02%		0.80%/1.02%	0.80%/1.02%	0.80%/1.02%	
Are there any Caps / Floor	No	No	No	No	No	
If above is Yes, specify Caps / Floor	-		-	-	-	
Moratorium Period	9 Years	5 Years	6 Years	6 Years	6 Years	
Moratorium effective from	29-Jan-2019	03-Apr-2019	15-May-2020	15-May-2020	15-May-2020	
Repayment period	1 year	Bullet payment	1 year	1 year	1 year	
Repayment effective from	29-Jan-2028	03-Apr-2024	15-May-2026	15-May-2026	15-May-2026	
Repayment frequency	Three Time	One time	Six Time	Six Time	Six Time	
Repayment installment	5,52,30,31,039	45,00,00,000	6,16,77,63,158	2,68,55,73,101	2,63,88,00,929	
			2,05,59,21,053	89,51,91,034	87,96,00,310	
Base Exchange Rate -						
Are foreign currency loan hedged	No	No	No	No	No	
If above is Yes, specify details	-	-	-	-	-	
Name of the Projects	%	%	%	%	%	
Tanda II	7.21%	9.88%	11.44%	1.82%	11.23%	

Name of the Company	NTPC LTD					Form-8
Name of the Power Station	Tanda Super Thermal Power Station Stage-II					
Particulars						
	15	16	17	18	19	
	JPY Equ. 750Million IV	JPY Equ. 750Million V	JPY Equ. 750Million VI	Euro Loan I	Euro Loan II	
Source of Loan						
Drawal						
Currency	JPY	JPY	JPY	EUR	EUR	
Amount of loan sanctioned	10,55,18,62,404	10,45,69,69,571	12,89,05,84,717	4,89,31,659	8,42,38,902	
Amount of Gross Loan drawn upto 19.03.2024	10,55,18,62,404	10,45,69,69,571	12,89,05,84,717	4,89,31,659	8,42,38,902	
Interest Type	Floating	Floating	Floating	Floating	Floating	
Fixed Interest Rate, if applicable	-	-	-	-	-	
Base Rate, if floating interest*	6 Month JPY Libor /3 Months TONA*	6 Month JPY Libor /3 Months TONA	6 Month JPY Libor /3 Months TONA	6 Month Euribor*	6 Month Euribor*	
Margin, if floating interest rate	0.80%/1.02%	0.80%/1.02%	0.80%/1.02%	0.95%	0.95%	
Are there any Caps / Floor	No	No	No	No	No	
If above is Yes, specify Caps / Floor	-	-	-	-	-	
Moratorium Period	6 Years	6 Years	6 Years	7	7	
Moratorium effective from	15-May-2020	15-May-2020	15-May-2020	07-Jun-2021	11-Aug-2021	
Repayment period	1 year	1 year	1 year	Bullet payment	Bullet payment	
Repayment effective from	15-May-2026	15-May-2026	15-May-2026	14-Aug-2028	14-Aug-2028	
Repayment frequency	Six Time	Six Time	Six Time	One Time	One Time	
Repayment installment	2,63,79,65,601	2,61,42,42,393	3,22,26,46,179	4,89,31,659	8,42,38,902	
	87,93,21,867	87,14,14,131	1,07,42,15,393			
Base Exchange Rate -						
Are foreign currency loan hedged	No	No	No	No	No	
If above is Yes, specify details	-	-	-	-	-	
Name of the Projects	%	%	%	%	%	
Tanda II	9.01%	11.23%	8.53%	16.75%	8.28%	

Name of the Company	NTPC LTD					Form-8
Name of the Power Station	Tanda Super Thermal Power Station Stage-II					
Particulars						
	20	21	22	23	24	
	Euro Loan III	JBIC Green Drawl I	JBIC Green Drawl II	JBIC Green Drawl III	JBIC Green Drawl IV	
Source of Loan						
Drawal						
Currency	EUR	JPY	JPY	JPY	JPY	
Amount of loan sanctioned	8,45,12,994	10,00,00,00,000	10,00,00,00,000	15,00,00,00,000	15,00,00,00,000	
Amount of Gross Loan drawn upto 19.03.2024	8,45,12,994	10,00,00,00,000	10,00,00,00,000	15,00,00,00,000	15,00,00,00,000	
Interest Type	Floating	Floating	Floating	Floating	Floating	
Fixed Interest Rate, if applicable	-	-	-	-	-	
Base Rate, if floating interest*	6 Month Euribor*	6 Month JPY Libor /6 Month Compounded TONA	6 Month JPY Libor /6 Month Compounded TONA	6 Month JPY Libor /6 Month Compounded TONA	6 Month JPY Libor /6 Month Compounded TONA	
Margin, if floating interest rate	0.95%	0.92%	0.92%	0.92%	0.92%	
Are there any Caps / Floor	No	No	No	No	No	
If above is Yes, specify Caps / Floor	-					
Moratorium Period	7	3	3	3	3	
Moratorium effective from	11-Aug-2021	25-Feb-2021	25-Feb-2021	25-Feb-2021	25-Feb-2021	
Repayment period	Bullet payment	Half-Yearly	Half-Yearly	Half-Yearly	Half-Yearly	
Repayment effective from	14-Aug-2028	17-Sep-2023	17-Sep-2023	17-Sep-2023	17-Sep-2023	
Repayment frequency	One Time	Twenty Five	Twenty Five	Twenty Five	Twenty Five	
Repayment installment	8,45,12,994	40,00,00,000	40,00,00,000	60,00,00,000	60,00,00,000	
Base Exchange Rate -						
Are foreign currency loan hedged	No	No	No	No	No	
If above is Yes, specify details	-					
Name of the Projects	%	%	%	%	%	
Tanda II	4.93%	0.25%	1.32%	2.19%	2.09%	

Name of the Company	NTPC LTD		Form-8		
Name of the Power Station	Tanda Super Thermal Power Station Stage-II				
Particulars	25	26	27	28	29
	USD 750 Million Drawl I	USD 750 Million Drawl IV	USD 750 Million Drawl V	USD 750 Million Drawl VI	JPY Equ. \$400 Million Drawl I
Source of Loan					
Drawal					
Currency	USD	USD	USD	USD	JPY
Amount of loan sanctioned	10,00,00,000	10,00,00,000	10,00,00,000	10,00,00,000	13,51,55,00,000
Amount of Gross Loan drawn upto 19.03.2024	10,00,00,000	10,00,00,000	10,00,00,000	10,00,00,000	13,51,55,00,000
Interest Type	Floating	Floating	Floating	Floating	Floating
Fixed Interest Rate, if applicable	-	-	-	-	-
Base Rate, if floating interest*	6 Month Term SOFR*	6 Month Term SOFR*	6 Month Term SOFR*	6 Month Term SOFR*	6M Compounded TONA
Margin, if floating interest rate	1.16933%	1.16933%	1.16933%	1.16933%	1.20000%
Are there any Caps / Floor	No	No	No	No	No
If above is Yes, specify Caps / Floor	-	-	-	-	-
Moratorium Period	4	4	4	4	4
Moratorium effective from	25-Apr-2022	25-Apr-2022	25-Apr-2022	25-Apr-2022	31-Aug-2023
Repayment period	Yearly	Yearly	Yearly	Yearly	Yearly
Repayment effective from	05-Oct-2026	05-Oct-2026	05-Oct-2026	05-Oct-2026	31-Aug-2027
Repayment frequency	Seven times	Seven times	Seven times	Seven times	Seven times
Repayment installment	1,42,85,714	1,42,85,714	1,42,85,714	1,42,85,714	1,93,07,85,714
					-
Base Exchange Rate -					
Are foreign currency loan hedged	No	No	No	No	-
If above is Yes, specify details	-	-	-	-	
Name of the Projects	%	%	%	%	%
Tanda II	2.95%	4.73%	3.02%	2.18%	3.75%

Name of the Company	NTPC LTD			Form-8
Name of the Power Station	Tanda Super Thermal Power Station Stage-II			
Particulars	30	31	32	
	JPY Equ. \$400 Million Drawl II	JPY Equ. \$400 Million Drawl III	JPY Equ. \$400 Million Drawl IV	
Source of Loan				
Drawal				
Currency	JPY	JPY	JPY	
Amount of loan sanctioned	13,89,20,00,000	14,77,60,00,000	14,25,65,00,000	
Amount of Gross Loan drawn upto 19.03.2024	13,89,20,00,000	14,77,60,00,000	14,25,65,00,000	
Interest Type	Floating	Floating	Floating	
Fixed Interest Rate, if applicable	-	-	-	
Base Rate, if floating interest*	6M Compounded TONA	6M Compounded TONA	6M Compounded TONA	
Margin, if floating interest rate	1.20000%	1.20000%	1.20000%	
Are there any Caps / Floor	No	No	No	
If above is Yes, specify Caps / Floor	-	-	-	
Moratorium Period	4	4	4	
Moratorium effective from	31-Aug-2023	31-Aug-2023	31-Aug-2023	
Repayment period	Yearly	Yearly	Yearly	
Repayment effective from	31-Aug-2027	31-Aug-2027	31-Aug-2027	
Repayment frequency	Seven times	Seven times	Seven times	
Repayment installment	1,98,45,71,429	2,11,08,57,143	2,03,66,42,857	
	-	-	-	
Base Exchange Rate -				
Are foreign currency loan hedged	-	-	-	
If above is Yes, specify details				
Name of the Projects	%	%	%	
Tanda II	1.22%	1.21%	7.88%	

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Tanda Super Thermal Power Station Stage-II
COD	01-07-2021
For Financial Year	2019-24 (Summary)

Amount in Rs Lakh

Sl. No.	Head of Work /Equipment	ACE Claimed					Justification	Admitted Cost by the Commission, if any
		2024-25	2025-26	2026-27	2027-28	2028-29		
B. Works eligible for Return on Equity linked to SBI MCLR:								
1	Construction of ROB at Chainage 13B on State highway 30A	4,760.00	2,068.00				Pl. refer Form-9 of respective FYs.	
2	Upgradation against Obsolescence of HMI of M/s BHEL with cyber security features in NTPC Tanda	1,104.64	179.36					
Total (B)		5,864.640	2,247.360	-	-			
Total Add. Cap. Claimed (A+B)		1,07,444.970	11,412.800	750.000	150.000	-		

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Tanda Super Thermal Power Station Stage-II
COD	01-07-2021
For Financial Year	2024-25

Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Ind AS	Ind AS adjustment	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2			3	4	5= (3-4)	6	7	8	9
A. Works eligible for RoE at Normal Rate										
A1 Under Original Scope										
1	AHP & AWRS	20.76	-	20.76	-	20.76	-	24(1)(b), 25(1)(f) read with 102	These are works under original scope that have deferred for capitalization beyond cut-off date on account of the various reasons beyond the reasonable control of the petitioner and despite regular monitoring & follow-up by the petitioner. The cut-off date for the instant station is 31.07.2024. However these works got delayed for capitalization as the prime concern of the petitioner was to commence the commercial operation of the generating units to serve the beneficiaries at the earliest by supplying affordable and reliable power. These non-COD related works got delayed and are expected to be capitalized within one year of the cut-off date. The major works spilling over is of FGD, civil works, and remaining works of SG & CHP area which account for more than 93% of the total projected expenditure under original scope works. Hon'ble Commission may be pleased to allow these projected works.	NA
2	Air Conditioning Package	500.00	-	500.00	-	500.00	-			
4	Cabling & Electrical Equipment - Supply Cum Erection	197.17	-	197.17	-	197.17	-			
5	Coal Handling Plant	826.41	-	826.41	-	826.41	-			
6	Concrete Road from Gate no.-2 to FGD GHS Area and RCC Drain of Stage-II of Tanda STPP.	282.67	-	282.67	-	282.67	-			
7	Construction of metal road (WMM and bituminous carpeting road) from Township to Main Plant at NTPC Tanda.	117.00	-	117.00	-	117.00	-			
8	CW & Make Up Water Package	113.80	-	113.80	-	113.80	-			
9	Fire Detection & Protection System	175.42	-	175.42	-	175.42	-			
10	Flue Gas Desulphurization	76,090.44	-	76,090.44	-	76,090.44	-			
11	HT-LT Switchgear	37.68	-	37.68	-	37.68	-			
12	Main Plant Civil Works	1,154.14	-	1,154.14	-	1,154.14	-			
13	New tapping point for make-up water system	66.97	-	66.97	-	66.97	-			
14	Station C&I	56.01	-	56.01	-	56.01	-			
15	Steam Generator	585.35	-	585.35	-	585.35	-			
17	Turbine Generator	407.08	-	407.08	-	407.08	-			
18	Water Pre Treatment Plant	105.53	-	105.53	-	105.53	-			

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Tanda Super Thermal Power Station Stage-II
COD	01-07-2021
For Financial Year	2024-25

Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Ind AS	Ind AS adjustment	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
16	Township Packages	20,843.90	-	20,843.90	-	20,843.90	-	24(1)(b) read with 102	The work of Township which mainly consists of Civil related works got delayed beyond the cutoff date, due to reasons beyond the reasonable control of the NTPC. The first part of the work consisted of demolition of existing quarters, which were occupied by not only the employees of NTPC, but also personnel of various agencies, schools, hospital, local administration etc. When Main Plant work was going in full swing, quarters were full of residents including those deployed for security reasons at the behest of NTPC to maintain law and order at project site. Therefore, the demolition work could be started only when, there was some relief in project work and residents were moved to alternative places of residence. The work was taken up in phases based on work front available. Further, heavy rains and shortage in supply of sand also caused delay in the execution of the work resulting in delay. In view of the above it is humbly submitted that Hon'ble Commission may be pleased to allow the works of Township.	NA
Subtotal (A1)		1,01,580.33	-	1,01,580.33	-	1,01,580.33	-			
Total Add Cap claimed Eligible for RoE at Normal Rate (A)=A1						1,01,580.33				

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Tanda Super Thermal Power Station Stage-II
COD	01-07-2021
For Financial Year	2024-25

Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)				Cash basis	IDC included in col. 3	Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Ind AS	Ind AS adjustment	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3					
B. Works eligible for RoEquity @ SBI MCLR+350 bp										
1	Construction of ROB at Chainage 13B on State highway 30A (Tanda-Maya Road) (PO No. 5500044185)	4,760.00	-	4,760.00	-	4,760.00	-	26 (1) (b) read with 102	The said work is being under taken in compliance of direction of UP Govt vide its letter dated 15.05.2023 wherein Govt of UP through Principal Secretary, PWD directed NTPC in the meeting held on 09.05.2023 , to construct Railway Over bridge at chainage 13 B of State Highway 30 A (Tanda-Maya Road) to relieve traffic jam due to Goods train carrying coal to NTPC Plant. Due to enhancement of capacity of Tanda Thermal Power Station on commissioning of Stage-II wef 01.07.2021 the problem of traffic at the Railway level crossing became problematic due to increase of no of rakes from two to three rakes per day to eight to nine rakes per day. Tanda Maya Road is main road to connect Tanda town to Ayodhya, therefore problem of traffic at level crossing has many a time caused law and order problem as well. Based on the problem faced by general public Govt of UP directed NTPC to carry out the construction of Railway overbridge at Railway crossing to ensure safe movement of rakes and relieve general public from the inconvenience and avoid any law and order problem. The minutes of meeting dated 09.05.2023 is attached as Annexure-R/1 .	

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Tanda Super Thermal Power Station Stage-II
COD	01-07-2021
For Financial Year	2024-25

Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Ind AS	Ind AS adjustment	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
2	Upgradation against Obsolescence of HMI of M/s BHEL with cyber security features in NTPC Tanda	1,104.64	-	1,104.64	-	1,104.64	-	26 (1) (b)	CEA under the provision of Regulation (10) of the Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019 issued CEA (Cyber Security in Power Sector) Guidelines, 2021 (Attached as Annexure-R/2). The CEA guidelines, 2021 require for compliance of following salient points wrt Cyber Security in Power Sector: i) Phasing out of legacy systems ii) Ensuring security hardening with additional controls in consultation with the OEM iii) Maintaining system logs at least for 6 months duration. Further, Ministry of Electronics and Information Technology (MeitY), Govt of India vide its order No- No. 20(3)/2022-CERT-In GoI dated 28.04.2022 issued Directions under sub-section (6) of section 70B of the Information Technology Act, 2000 (Attached as Annexure-R/3) which inter alia provides: <i>"All service providers, intermediaries, data centres, body corporate and Government organisations shall mandatorily enable logs of all their ICT systems and maintain them securely for a rolling period of 180 days and the same shall be maintained within the Indian jurisdiction. These should be provided to CERT-In along with reporting of any incident or when ordered / directed by CERT-In"</i> The HMI system installed at the instant stations were based on Windows XP for which no support from OEM, M/s Microsoft was available due to declaration of obsolescence and End of Life (EOL) of Windows XP (EOL April 2014) (Attached as Annexure-R/4). Accordingly, in compliance of CEA (Cyber Security in Power Sector) Guidelines, 2021 and direction from GoI order dated 28.04.2022 the HMI system was upgraded for ensuring safe and reliable operation of the Station as no spares and service support was available for the obsolete HMI system. Therefore, it is humbly submitted that Hon'ble Commission may be pleased to allow the replacement of HMI system under Regulations 26 (1) (b).	
Subtotal (B)		5,864.64	-	5,864.64	-	5,864.64	-			

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Tanda Super Thermal Power Station Stage-II
COD	01-07-2021
For Financial Year	2024-25

Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Ind AS	Ind AS adjustment	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
	Total additional capitalization claimed with RoE at SBI MCLR (B)	5,864.64	-	5,864.64	-	5,864.64	-			
	Total Add. Cap. Claimed (A+B)					1,07,444.97				

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Tanda Super Thermal Power Station Stage-II
COD	01-07-2021
For Financial Year	2025-26

Amount in Rs Lakh

Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Ind AS	Ind AS Adjustment	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2			3	4	5= (3-4)	6	7	8	9
A. Works eligible for RoE at Normal Rate										
A.1 Under Original Scope										
1	Ash Dyke Works	600		600.00		600.00	-	24(1)(b) read with 102	<p>Ash Dyke area work execution has faced problem of land acquisition from the beginning. Till the date of filing this petition there are 20 structures/ houses in the Petitioner's land of Ash Dyke- 2A, in Husainpur Sudhana village which could not be freed completely from the possession of the land owners and are required to be removed. The removal of these structures could not be done as villagers have filed a number of Writ Petitions (WPs) in Lucknow Bench of Hon'ble Allahabad High court against the UP Govt. land resumption order dated 21.02.2013.</p> <p>Hon'ble High Court is currently hearing 07 nos. WP's related to Abadi land disputes. The 04 out of 07 WP's were listed for hearing on 21.08.2024 before the Hon'ble High court. The matter was heard on 22.08.2024 and Hon'ble court has reserved the judgment. The copy of the order in this regard is attached as Annexure-R/5.</p> <p>The matter for freeing up the land from illegal possession is being taken up with local administration, Govt of UP and same is also being uploaded at PRAGATI portal for follow up and resolving the issue. The excerpts of PRAGATI portal is attached as Annexure-R/6.</p> <p>Due to land related issues, the work of ash dyke has been done in phases depending the clearance of the site. Accordingly dyke work has been extended beyond the cut off date up to FY 2027-28.</p> <p>In view of the above, it is humbly submitted that Hon'ble Commission may be pleased to allow the remaining work of Ash Dyke</p>	NA

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Tanda Super Thermal Power Station Stage-II
COD	01-07-2021
For Financial Year	2025-26

Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Ind AS	Ind AS Adjustment	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
2	AHP & AWRS	1214.36		1,214.36		1,214.36	-	24(1)(b) read with 103	Detailed Justification given at SI No-A1 of Form-9 24-25	NA
3	Air Conditioning in Auxiliary Buildings	283.49		283.49		283.49	-	24(1)(b) read with 104		
4	Coal Handling Plant	600		600.00		600.00	-	24(1)(b), 25(1)(f) read with 102		
5	Concrete Road stretching from Gate no.-2 to FGD GHS Area and RCC Drain of Stage-II of Tanda STPP.	200		200.00		200.00	-			
6	and bituminous carpeting road) from township to Main Plant at NTPC Tanda.			-		-	-			
7	CW & MUW Package			-		-	-			
8	Electrical Equipment	235		235.00		235.00	-			
9	Fire Detection & Protection System	83		83.00		83.00	-			
10	Flue Gas Desulphurization			-		-	-			
11	HT-LT Switchgear			-		-	-			
12	Main Plant, Offsite, Chimney & Chimney Elevator package	1960		1,960.00		1,960.00	-			
13	New tapping point for make-up water system			-		-	-			
14	Station C&I			-		-	-			
15	Steam Generator	2683		2,683.00		2,683.00	-			
16	Township Packages:	0		-		-	-			
17	Turbine Generator	1006.59		1,006.59		1,006.59	-			
18	Water Pre Treatment Plant	300		300.00		300.00	-			
Subtotal (A.1)		9,165.44	-	9,165.44	-	9,165.44	-			

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Tanda Super Thermal Power Station Stage-II
COD	01-07-2021
For Financial Year	2025-26

Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Ind AS	Ind AS Adjustment	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
	Total additional capitalization claimed with RoE at Normal Rate (A)					9,165.44				
B.	Works eligible for RoEquity @ SBI MCLR+350 bp									
1	Construction of ROB at Chainage 13B on State highway 30A (Tanda-Maya Road) (PO No. 5500044185)	2068	0	2,068.00	0	2,068.00	-	26 (1) (b) read with 102	Detailed Justification given at SI No-B1 of Form-9 24-25	
2	Upgradation against Obsolescence of HMI of M/s BHEL with cyber security features in NTPC Tanda	179.36		179.36		179.36	-	26 (1) (b)	Detailed Justification given at SI No-B2 of Form-9 24-25	
	Subtotal (B.1)	2,247.36	-	2,247.36	-	2,247.36	-			
	Total additional capitalization claimed with RoE at SBI MCLR (B)	2,247.36	-	2,247.36	-	2,247.36	-			
	Total Add. Cap. Claimed (A+B)					11,412.80				

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		NTPC Limited							
Name of the Generating Station		Tanda Super Thermal Power Station Stage-II							
COD		01-07-2021							
For Financial Year		2026-27							
Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)					Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Ind AS	Ind AS Adjustment	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis			
1	2	3	4	5= (3-4)	6	7	8	9	
A. Works eligible for RoE at Normal Rate									
1	Ash Dyke Works	750.00	-	750.00	-	750.00	-	24(1)(b) read with 102	Detailed Justification given at Sl No-A1-1 of Form-9 25-26
Subtotal (A.1)		750.00	-	750.00	-	750.00	-		
Total additional capitalization claimed with RoE at Normal Rate (A)						750.00			
B. Works eligible for RoEquity @ SBI MCLR+350 bp									
1	NA	-	-	-	-	-	-	NA	NA
Subtotal (B.1)		-	-	-	-	-	-		
Liability Discharge eligible for RoE at SBI MCLR						-			
Total additional capitalization claimed with RoE at SBI MCLR (B)				-	-	-	-		
Total Add. Cap. Claimed (A+B)						750.00			

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Tanda Super Thermal Power Station Stage-II
COD	01-07-2021
For Financial Year	2027-28

Amount in Rs Lakh

Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Ind AS	Ind AS Adjustment	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2			3	4	5= (3-4)	6	7	8	9
A. Works eligible for RoE at Normal Rate										
1	Ash Dyke Works	150.00	-	150.00	-	150.00	-	24(1)(b) read with 102	Detailed Justification given at SI No-A1-1 of Form-9 25-26	
Subtotal (A.1)		150.00	-	150.00	-	150.00	-			
Total additional capitalization claimed with RoE at Normal Rate (A)						150.00				
B. Works eligible for RoEquity @ SBI MCLR+350 bp										
1	NA	-	-	-	-	-	-	NA	NA	NA
Subtotal (B.1)		-	-	-	-	-	-			
Total additional capitalization claimed with RoE at SBI MCLR (B)										
Total Add. Cap. Claimed (A+B)						150.00				

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		NTPC Limited								
Name of the Generating Station		Tanda Super Thermal Power Station Stage-II								
COD		01-07-2021								
For Financial Year		2027-28								
Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Ind AS	Ind AS Adjustment	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9		
A. Works eligible for RoE at Normal Rate										
1	NA	-	-	-	-	-	-	NA	NA	NA
Subtotal (A.1)		-	-	-	-	-	-			
Total additional capitalization claimed with RoE at Normal Rate (A)						-				
B. Works eligible for RoEquity @ SBI MCLR+350 bp										
1	NA	-	-	-	-	-	-	NA	NA	NA
Subtotal (B.1)		-	-	-	-	-	-			
Total additional capitalization claimed with RoE at SBI MCLR (B)		-	-	-	-	-	-			
Total Add. Cap. Claimed (A+B)						-				

(Petitioner)

Financing of Additional Capitalisation

**PART-I
FORM- 10**

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Tanda Super Thermal Power Station Stage-II
Date of COD	01-07-2021

Financial Year (Starting from COD)1	Actual					Admitted				
	2024-25	2025-26	2026-27	2027-28	2028-29	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8	9	10	11

Amount capitalised in Work/ Equipment

Financing Details	SHALL BE PROVIDED AT THE TIME OF TRUE-UP.
Loan-1	
Loan-2	
Loan-3 and so on	
Total Loan2	
Equity	
Internal Resources	
Others (Pl. specify)	
Total	

(Petitioner)

Calculation of Depreciation

Name of the Company :	NTPC Limited
Name of the Power Station :	Tanda Super Thermal Power Station Stage-II

(Amount in Rs Lakh)

Sl.No.	Name of the Assets	Gross Block as on 30.06.2021	Depreciation Amount for 21-22 (Post COD)	Gross Block as on 01.04.2022 Rev	Depreciation Amount for 22-23	Gross Block as on 01.04.2023 Rev	Depreciation Amount for 23-24	Gross Block as on 01.04.2024	Depreciation Amount for 24-25
1	2	10	11=Col. 10x Col. 4	12	13=Col. 12x Col. 4	14	15=Col. 14x Col. 4	16	17=Col. 16x Col. 4
1	Land- Free Hold	53,793.92	-	53,793.92	-	53,793.92	-	53,793.92	-
2	Land- Lease Hold		-		-		-		-
3	Canal Lining	21,562.42	720.18	22,390.17	747.83	22,390.17	747.83	22,390.17	747.83
4	Plant & Machinery	6,40,383.33	33,812.24	6,43,914.98	33,998.71	6,55,842.96	34,628.51	6,62,084.20	34,958.05
8	Main Plant Building/Other Building/Res Build	97,676.40	3,262.39	99,374.75	3,319.12	1,03,183.94	3,446.34	1,05,521.20	3,524.41
14	Road/Bridge	1,201.23	40.12	1,209.21	40.39	2,202.76	73.57	2,270.98	75.85
15	Water Supply	10,153.76	536.12	10,174.35	537.21	10,182.56	537.64	10,182.56	537.64
16	Locomotive	3,701.24	351.62	3,706.09	352.08	3,706.09	352.08	3,706.62	352.13
19	Furniture & Fixtures,OFFICE EQUIP.	1,147.60	72.64	1,358.94	86.02	1,789.91	113.30	1,932.14	122.30
20	Communication Equip.	327.62	20.74	381.26	24.13	419.26	26.54	441.69	27.96
21	EDP,WP&SATCOM.	456.12	68.42	489.11	73.37	738.50	110.77	743.07	111.46
22	VEHICLES	253.50	24.08	253.50	24.08	253.50	24.08	253.50	24.08
23	Construction equip.	1,203.91	63.57	1,203.91	63.57	1,203.91	63.57	1,203.91	63.57
24	Temporary Constructions.	733.24	733.24	958.36	958.36	1,199.19	1,199.19	1,199.77	1,199.77
25	Laboratory & Workshop Equipment	745.17	39.34	748.92	39.54	754.52	39.84	755.60	39.90
26	Railway Sidings	15,228.67	804.07	16,385.18	865.14	17,518.30	924.97	17,553.59	926.83
	TOTAL	8,48,568.13	40,548.78	8,56,342.64	41,129.54	8,75,179.48	42,288.23	8,84,032.91	42,711.77
	Weighted Average Rate of Depreciation (%)		4.78		4.80		4.83		4.83

Petitioner

Statement of Depreciation

**PART-I
FORM- 12**

Name of the Company :	NTPC Limited
Name of the Power Station :	Tanda Super Thermal Power Station Stage-II

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5		6	8
1	Opening Capital Cost	8,72,061.48	8,83,351.39	9,90,796.36	10,02,209.16	10,02,959.16	10,03,109.16
2	Closing Capital Cost	8,83,351.39	9,90,796.36	10,02,209.16	10,02,959.16	10,03,109.16	10,03,109.16
3	Average Capital Cost	8,77,706.43	9,37,073.87	9,96,502.76	10,02,584.16	10,03,034.16	10,03,109.16
1a	Cost of IT Equipments & Software included in (1) above*	870.37	870.37	870.37	870.37	870.37	870.37
2a	Cost of IT Equipments & Software included in (2) above*	870.37	870.37	870.37	870.37	870.37	870.37
3a	Average Cost of IT Equipments & Software	870.37	870.37	870.37	870.37	870.37	870.37
4	Freehold land	53,857.07	53,857.07	53,857.07	53,857.07	53,857.07	53,857.07
5	Rate of depreciation	4.83%	4.83%	4.83%	4.83%	4.83%	4.83%
6	Depreciable value	7,41,551.46	7,94,982.16	8,48,468.15	8,53,941.41	8,54,346.41	8,54,413.91
7.	Balance useful life at the beginning of the period	22.43	21.43	20.43	19.43	18.43	17.43
8	Remaining depreciable value	6,35,977.35	6,47,081.12	6,55,287.70	6,12,609.95	5,64,570.08	5,16,170.97
9	Depreciation (for the period)	42,410.77	45,279.41	48,151.01	48,444.87	48,466.61	48,470.23
10	Depreciation (annualised)	42,410.77	45,279.41	48,151.01	48,444.87	48,466.61	48,470.23
11	Cumulative depreciation at the end of the period	1,47,984.89	1,93,180.45	2,41,331.47	2,89,776.33	3,38,242.94	3,86,713.18
12	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009	0.00	0.00	0.00	0.00	0.00	0.00
13	Add: Cumulative depreciation adjustment on account of liability Discharge	0.00	0.00	0.00	0.00	0.00	0.00
14	Less: Cumulative depreciation adjustment on account of de-capitalisation	83.85	0.00	0.00	0.00	0.00	0.00
15	Net Cumulative depreciation at the end of the period after adjustments	1,47,901.04	1,93,180.45	2,41,331.47	2,89,776.33	3,38,242.94	3,86,713.18

* Shall be provided at the time of true-up

(Petitioner)

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
1	Mizuho II A					
	Gross loan - Opening	10,575.97	10,575.97	10,575.97	10,575.97	10,575.97
	Cumulative repayments of Loans upto previous period	10,575.97	10,575.97	10,575.97	10,575.97	10,575.97
	Net loan - Opening	-	-	-	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	-	-	-	-	-
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	-	-	-	-	-
	Average Net Loan	-	-	-	-	-
	Rate of Interest on Loan	-	-	-	-	-
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00
1	4.375% Fixed Rate Notes due 2024 (Repayment 26-11-2024)					
	Gross loan - Opening	19,225.22	19,225.22	19,225.22	19,225.22	19,225.22
	Cumulative repayments of Loans upto previous period	-	19,225.22	19,225.22	19,225.22	19,225.22
	Net loan - Opening	19,225.22	-	-	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	19,225.22	-	-	-	-
	Repayments of Loans during the period	19,225.22	-	-	-	-
	Net loan - Closing	-	-	-	-	-
	Average Net Loan	9,612.61	-	-	-	-
	Rate of Interest on Loan	4.6277%	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Interest on Loan Annualised	444.84	0.00	0.00	0.00	0.00
2	4.25% Fixed Rate Notes due 2026 (Repayment 26-02-2026)					
	Gross loan - Opening	26,084.67	26,084.67	26,084.67	26,084.67	26,084.67
	Cumulative repayments of Loans upto previous period	-	-	26,084.67	26,084.67	26,084.67
	Net loan - Opening	26,084.67	26,084.67	-	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	26,084.67	26,084.67	-	-	-
	Repayments of Loans during the period	-	26,084.67	-	-	-
	Net loan - Closing	26,084.67	-	-	-	-
	Average Net Loan	26,084.67	13,042.34	-	-	-
	Rate of Interest on Loan	4.4955%	4.4955%	-	-	-
	Interest on Loan Annualised	1,172.62	586.31	0.00	0.00	0.00
3	2.75% Fixed Rate Notes due 2027 (Repayment 01-02-2027)					
	Gross loan - Opening	43,582.40	43,582.40	43,582.40	43,582.40	43,582.40
	Cumulative repayments of Loans upto previous period	-	-	-	43,582.40	43,582.40
	Net loan - Opening	43,582.40	43,582.40	43,582.40	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	43,582.40	43,582.40	43,582.40	-	-
	Repayments of Loans during the period	-	-	43,582.40	-	-

Calculation of Interest on Actual Loans

Name of the Company	NTPC LTD.
Name of the Power Station	Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Net loan - Closing	43,582.40	43,582.40	-	-	-
	Average Net Loan	43,582.40	43,582.40	21,791.20	-	-
	Rate of Interest on Loan	2.9088%	2.9088%	2.9088%	-	-
	Interest on Loan Annualised	1,267.73	1,267.73	633.87	0.00	0.00
5	7.25% Fixed Rate Notes due 2022 (Repayment 03-05-2022)					
	Gross loan - Opening	22,610.46	22,610.46	22,610.46	22,610.46	22,610.46
	Cumulative repayments of Loans upto previous period	22,610.46	22,610.46	22,610.46	22,610.46	22,610.46
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	7.67%	7.67%	7.67%	7.67%	7.67%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00
4	JPY Equ. 350Million A (Repayment 12-11-2026)					
	Gross loan - Opening	20,566.80	20,566.80	20,566.80	20,566.80	20,566.80
	Cumulative repayments of Loans upto previous period	-	-	-	6,855.60	13,711.20
	Net loan - Opening	20,566.80	20,566.80	20,566.80	13,711.20	6,855.60
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Total	20,566.80	20,566.80	20,566.80	13,711.20	6,855.60
	Repayments of Loans during the period	-	-	6,855.60	6,855.60	6,855.60
	Net loan - Closing	20,566.80	20,566.80	13,711.20	6,855.60	-
	Average Net Loan	20,566.80	20,566.80	17,139.00	10,283.40	3,427.80
	Rate of Interest on Loan	1.0219%	1.0219%	1.0219%	1.0219%	1.0219%
	Interest on Loan Annualised	210.17	210.17	175.14	105.09	35.03
5	JPY Equ. 350Million B (Repayment 12-11-2026)					
	Gross loan - Opening	25,583.71	25,583.71	25,583.71	25,583.71	25,583.71
	Cumulative repayments of Loans upto previous period	-	-	-	8,527.90	17,055.80
	Net loan - Opening	25,583.71	25,583.71	25,583.71	17,055.80	8,527.90
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	25,583.71	25,583.71	25,583.71	17,055.80	8,527.90
	Repayments of Loans during the period	-	-	8,527.90	8,527.90	8,527.90
	Net loan - Closing	25,583.71	25,583.71	17,055.80	8,527.90	-
	Average Net Loan	25,583.71	25,583.71	21,319.76	12,791.85	4,263.95
	Rate of Interest on Loan	1.0219%	1.0219%	1.0219%	1.0219%	1.0219%
	Interest on Loan Annualised	261.44	261.44	217.87	130.72	43.57
6	4.5% Fixed Rate Notes due 2028 (Repayment 19-03-2028)					
	Gross loan - Opening	42,413.82	42,413.82	42,413.82	42,413.82	42,413.82
	Cumulative repayments of Loans upto previous period	-	-	-	-	42,413.82
	Net loan - Opening	42,413.82	42,413.82	42,413.82	42,413.82	-
	Increase/ Decrease due to FERV	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	42,413.82	42,413.82	42,413.82	42,413.82	-
	Repayments of Loans during the period	-	-	-	42,413.82	-
	Net loan - Closing	42,413.82	42,413.82	42,413.82	-	-
	Average Net Loan	42,413.82	42,413.82	42,413.82	21,206.91	-
	Rate of Interest on Loan	4.7599%	4.7599%	4.7599%	4.7599%	-
	Interest on Loan Annualised	2,018.86	2,018.86	2,018.86	1,009.43	0.00
7	JPY Equ. 300Million A (Repayment 29-01-2028)					
	Gross loan - Opening	11,757.78	11,757.78	11,757.78	11,757.78	11,757.78
	Cumulative repayments of Loans upto previous period	-	-	-	-	3,919.26
	Net loan - Opening	11,757.78	11,757.78	11,757.78	11,757.78	7,838.52
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	11,757.78	11,757.78	11,757.78	11,757.78	7,838.52
	Repayments of Loans during the period	-	-	-	3,919.26	3,919.26
	Net loan - Closing	11,757.78	11,757.78	11,757.78	7,838.52	3,919.26
	Average Net Loan	11,757.78	11,757.78	11,757.78	9,798.15	5,878.89
	Rate of Interest on Loan	1.0995%	1.0995%	1.0995%	1.0995%	1.0995%
	Interest on Loan Annualised	129.28	129.28	129.28	107.73	64.64
8	JPY Equ. 300Million B (Repayment 29-01-2028)					
	Gross loan - Opening	8,152.36	8,152.36	8,152.36	8,152.36	8,152.36
	Cumulative repayments of Loans upto previous period	-	-	-	-	2,717.45
	Net loan - Opening	8,152.36	8,152.36	8,152.36	8,152.36	5,434.91

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	8,152.36	8,152.36	8,152.36	8,152.36	5,434.91
	Repayments of Loans during the period	-	-	-	2,717.45	2,717.45
	Net loan - Closing	8,152.36	8,152.36	8,152.36	5,434.91	2,717.45
	Average Net Loan	8,152.36	8,152.36	8,152.36	6,793.63	4,076.18
	Rate of Interest on Loan	1.0995%	1.0995%	1.0995%	1.0995%	1.0995%
	Interest on Loan Annualised	89.64	89.64	89.64	74.70	44.82
9	3.75% Euro Bonds 2024 II (Repayment 03-04-2024)					
	Gross loan - Opening	33,273.29	33,273.29	33,273.29	33,273.29	33,273.29
	Cumulative repayments of Loans upto previous period	-	33,273.29	33,273.29	33,273.29	33,273.29
	Net loan - Opening	33,273.29	-	-	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	33,273.29	-	-	-	-
	Repayments of Loans during the period	33,273.29	-	-	-	-
	Net loan - Closing	-	-	-	-	-
	Average Net Loan	16,636.65	-	-	-	-
	Rate of Interest on Loan	3.9666%	-	-	-	-
	Interest on Loan Annualised	659.91	0.00	0.00	0.00	0.00
10	JPY Equ. 750Million A (Repayment 15-05-2026)					

Calculation of Interest on Actual Loans

Name of the Company		NTPC LTD.				
Name of the Power Station		Tanda Super Thermal Power Station Stage-II				
(Amount in lacs)						
Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Gross loan - Opening	19,251.50	19,251.50	19,251.50	19,251.50	19,251.50
	Cumulative repayments of Loans upto previous period	-	-	-	3,208.58	6,417.17
	Net loan - Opening	19,251.50	19,251.50	19,251.50	16,042.92	12,834.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	19,251.50	19,251.50	19,251.50	16,042.92	12,834.33
	Repayments of Loans during the period	-	-	3,208.58	3,208.58	3,208.58
	Net loan - Closing	19,251.50	19,251.50	16,042.92	12,834.33	9,625.75
	Average Net Loan	19,251.50	19,251.50	17,647.21	14,438.63	11,230.04
	Rate of Interest on Loan	0.919%	0.919%	0.919%	0.919%	0.919%
	Interest on Loan Annualised	176.83	176.83	162.09	132.62	103.15
11	JPY Equ. 750Million B (Repayment 15-05-2026)					
	Gross loan - Opening	1,333.39	1,333.39	1,333.39	1,333.39	1,333.39
	Cumulative repayments of Loans upto previous period	-	-	-	222.23	444.46
	Net loan - Opening	1,333.39	1,333.39	1,333.39	1,111.16	888.93
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	1,333.39	1,333.39	1,333.39	1,111.16	888.93
	Repayments of Loans during the period	-	-	222.23	222.23	222.23
	Net loan - Closing	1,333.39	1,333.39	1,111.16	888.93	666.70
	Average Net Loan	1,333.39	1,333.39	1,222.27	1,000.04	777.81
	Rate of Interest on Loan	0.919%	0.919%	0.919%	0.919%	0.919%
	Interest on Loan Annualised	12.25	12.25	11.23	9.19	7.14

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
12	JPY Equ. 750Million C (Repayment 15-05-2026)					
	Gross loan - Opening	8,085.93	8,085.93	8,085.93	8,085.93	8,085.93
	Cumulative repayments of Loans upto previous period	-	-	-	1,347.65	2,695.31
	Net loan - Opening	8,085.93	8,085.93	8,085.93	6,738.27	5,390.62
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	8,085.93	8,085.93	8,085.93	6,738.27	5,390.62
	Repayments of Loans during the period	-	-	1,347.65	1,347.65	1,347.65
	Net loan - Closing	8,085.93	8,085.93	6,738.27	5,390.62	4,042.96
	Average Net Loan	8,085.93	8,085.93	7,412.10	6,064.44	4,716.79
	Rate of Interest on Loan	0.919%	0.919%	0.919%	0.919%	0.919%
	Interest on Loan Annualised	74.27	74.27	68.08	55.70	43.32
13	JPY Equ. 750Million D (Repayment 15-05-2026)					
	Gross loan - Opening	6,486.95	6,486.95	6,486.95	6,486.95	6,486.95
	Cumulative repayments of Loans upto previous period	-	-	-	1,081.16	2,162.32
	Net loan - Opening	6,486.95	6,486.95	6,486.95	5,405.79	4,324.63
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	6,486.95	6,486.95	6,486.95	5,405.79	4,324.63
	Repayments of Loans during the period	-	-	1,081.16	1,081.16	1,081.16
	Net loan - Closing	6,486.95	6,486.95	5,405.79	4,324.63	3,243.47

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Average Net Loan	6,486.95	6,486.95	5,946.37	4,865.21	3,784.05
	Rate of Interest on Loan	0.919%	0.919%	0.919%	0.919%	0.919%
	Interest on Loan Annualised	59.58	59.58	54.62	44.69	34.76
14	JPY Equ. 750Million E (Repayment 15-05-2026)					
	Gross loan - Opening	8,011.36	8,011.36	8,011.36	8,011.36	8,011.36
	Cumulative repayments of Loans upto previous period	-	-	-	1,335.23	2,670.45
	Net loan - Opening	8,011.36	8,011.36	8,011.36	6,676.13	5,340.90
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	8,011.36	8,011.36	8,011.36	6,676.13	5,340.90
	Repayments of Loans during the period	-	-	1,335.23	1,335.23	1,335.23
	Net loan - Closing	8,011.36	8,011.36	6,676.13	5,340.90	4,005.68
	Average Net Loan	8,011.36	8,011.36	7,343.74	6,008.52	4,673.29
	Rate of Interest on Loan	0.8893%	0.8893%	0.8893%	0.8893%	0.8893%
	Interest on Loan Annualised	71.24	71.24	65.31	53.43	41.56
15	JPY Equ. 750Million F (Repayment 15-05-2026)					
	Gross loan - Opening	7,494.93	7,494.93	7,494.93	7,494.93	7,494.93
	Cumulative repayments of Loans upto previous period	-	-	-	1,249.16	2,498.31
	Net loan - Opening	7,494.93	7,494.93	7,494.93	6,245.78	4,996.62
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Total	7,494.93	7,494.93	7,494.93	6,245.78	4,996.62
	Repayments of Loans during the period	-	-	1,249.16	1,249.16	1,249.16
	Net loan - Closing	7,494.93	7,494.93	6,245.78	4,996.62	3,747.47
	Average Net Loan	7,494.93	7,494.93	6,870.35	5,621.20	4,372.04
	Rate of Interest on Loan	0.8893%	0.8893%	0.8893%	0.8893%	0.8893%
	Interest on Loan Annualised	66.65	66.65	61.10	49.99	38.88
16	Euro Loan-I (Repayment 14.08.2024)					
	Gross loan - Opening	7,312.00	7,312.00	7,312.00	7,312.00	7,312.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	7,312.00	7,312.00	7,312.00	7,312.00	7,312.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	7,312.00	7,312.00	7,312.00	7,312.00	7,312.00
	Repayments of Loans during the period	-	-	-	-	7,312.00
	Net loan - Closing	7,312.00	7,312.00	7,312.00	7,312.00	-
	Average Net Loan	7,312.00	7,312.00	7,312.00	7,312.00	3,656.00
	Rate of Interest on Loan	5.0650%	5.0650%	5.0650%	5.0650%	5.0650%
	Interest on Loan Annualised	370.35	370.35	370.35	370.35	185.18
17	Euro Loan-II (Repayment 14.08.2024)					
	Gross loan - Opening	6,092.00	6,092.00	6,092.00	6,092.00	6,092.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	6,092.00	6,092.00	6,092.00	6,092.00	6,092.00
	Increase/ Decrease due to FERV	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	6,092.00	6,092.00	6,092.00	6,092.00	6,092.00
	Repayments of Loans during the period	-	-	-	-	6,092.00
	Net loan - Closing	6,092.00	6,092.00	6,092.00	6,092.00	-
	Average Net Loan	6,092.00	6,092.00	6,092.00	6,092.00	3,046.00
	Rate of Interest on Loan	5.0634%	5.0634%	5.0634%	5.0634%	5.0634%
	Interest on Loan Annualised	308.46	308.46	308.46	308.46	154.23
18	Euro Loan-III (Repayment 14.08.2024)					
	Gross loan - Opening	3,600.00	3,600.00	3,600.00	3,600.00	3,600.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	3,600.00	3,600.00	3,600.00	3,600.00	3,600.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	3,600.00	3,600.00	3,600.00	3,600.00	3,600.00
	Repayments of Loans during the period	-	-	-	-	3,600.00
	Net loan - Closing	3,600.00	3,600.00	3,600.00	3,600.00	-
	Average Net Loan	3,600.00	3,600.00	3,600.00	3,600.00	1,800.00
	Rate of Interest on Loan	5.063%	5.063%	5.063%	5.063%	5.063%
	Interest on Loan Annualised	182.28	182.28	182.28	182.28	91.14
19	JBIC Green Drawl I (Repayment 17-09-2023)					
	Gross loan - Opening	170.00	170.00	170.00	170.00	170.00
	Cumulative repayments of Loans upto previous period	13.60	27.20	40.80	54.40	68.00
	Net loan - Opening	156.40	142.80	129.20	115.60	102.00

Calculation of Interest on Actual Loans

Name of the Company **NTPC LTD.**Name of the Power Station **Tanda Super Thermal Power Station Stage-II**

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	156.40	142.80	129.20	115.60	102.00
	Repayments of Loans during the period	13.60	13.60	13.60	13.60	13.60
	Net loan - Closing	142.80	129.20	115.60	102.00	88.40
	Average Net Loan	149.60	136.00	122.40	108.80	95.20
	Rate of Interest on Loan	1.090%	1.090%	1.090%	1.090%	1.090%
	Interest on Loan Annualised	1.63	1.48	1.33	1.19	1.04
20	JBIC Green Drawl II (Repayment 17-09-2023)					
	Gross loan - Opening	877.00	877.00	877.00	877.00	877.00
	Cumulative repayments of Loans upto previous period	70.16	140.32	210.48	280.64	350.80
	Net loan - Opening	806.84	736.68	666.52	596.36	526.20
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	806.84	736.68	666.52	596.36	526.20
	Repayments of Loans during the period	70.16	70.16	70.16	70.16	70.16
	Net loan - Closing	736.68	666.52	596.36	526.20	456.04
	Average Net Loan	771.76	701.60	631.44	561.28	491.12
	Rate of Interest on Loan	1.0901%	1.0901%	1.0901%	1.0901%	1.0901%
	Interest on Loan Annualised	8.41	7.65	6.88	6.12	5.35
21	JBIC Green Drawl III (Repayment 17-09-2023)					
	Gross loan - Opening	2,110.00	2,110.00	2,110.00	2,110.00	2,110.00
	Cumulative repayments of Loans upto previous period	168.80	337.60	506.40	675.20	844.00
	Net loan - Opening	1,941.20	1,772.40	1,603.60	1,434.80	1,266.00

Calculation of Interest on Actual Loans

Name of the Company **NTPC LTD.**Name of the Power Station **Tanda Super Thermal Power Station Stage-II**

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	1,941.20	1,772.40	1,603.60	1,434.80	1,266.00
	Repayments of Loans during the period	168.80	168.80	168.80	168.80	168.80
	Net loan - Closing	1,772.40	1,603.60	1,434.80	1,266.00	1,097.20
	Average Net Loan	1,856.80	1,688.00	1,519.20	1,350.40	1,181.60
	Rate of Interest on Loan	1.0901%	1.0901%	1.0901%	1.0901%	1.0901%
	Interest on Loan Annualised	20.24	18.40	16.56	14.72	12.88
22	JBIC Green Drawl IV (Repayment 17-09-2023)					
	Gross loan - Opening	1,873.00	1,873.00	1,873.00	1,873.00	1,873.00
	Cumulative repayments of Loans upto previous period	149.84	299.68	449.52	599.36	749.20
	Net loan - Opening	1,723.16	1,573.32	1,423.48	1,273.64	1,123.80
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	1,723.16	1,573.32	1,423.48	1,273.64	1,123.80
	Repayments of Loans during the period	149.84	149.84	149.84	149.84	149.84
	Net loan - Closing	1,573.32	1,423.48	1,273.64	1,123.80	973.96
	Average Net Loan	1,648.24	1,498.40	1,348.56	1,198.72	1,048.88
	Rate of Interest on Loan	1.090%	1.090%	1.090%	1.090%	1.090%
	Interest on Loan Annualised	17.97	16.33	14.70	13.07	11.43
23	USD 750 Million Drawl -I (Repayment 05-11-2026)					
	Gross loan - Opening	2,250.00	2,250.00	2,250.00	2,250.00	2,250.00

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Cumulative repayments of Loans upto previous period	-	-	-	321.43	642.86
	Net loan - Opening	2,250.00	2,250.00	2,250.00	1,928.57	1,607.14
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	2,250.00	2,250.00	2,250.00	1,928.57	1,607.14
	Repayments of Loans during the period	-	-	321.43	321.43	321.43
	Net loan - Closing	2,250.00	2,250.00	1,928.57	1,607.14	1,285.71
	Average Net Loan	2,250.00	2,250.00	2,089.29	1,767.86	1,446.43
	Rate of Interest on Loan	6.7698%	6.7698%	6.7698%	6.7698%	6.7698%
	Interest on Loan Annualised	152.32	152.32	141.44	119.68	97.92
24	USD 750 Million Drawl -IV (Repayment 05-11-2026)					
	Gross loan - Opening	3,899.63	3,899.63	3,899.63	3,899.63	3,899.63
	Cumulative repayments of Loans upto previous period	-	-	-	557.09	1,114.18
	Net loan - Opening	3,899.63	3,899.63	3,899.63	3,342.54	2,785.45
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	3,899.63	3,899.63	3,899.63	3,342.54	2,785.45
	Repayments of Loans during the period	-	-	557.09	557.09	557.09
	Net loan - Closing	3,899.63	3,899.63	3,342.54	2,785.45	2,228.36
	Average Net Loan	3,899.63	3,899.63	3,621.08	3,063.99	2,506.90
	Rate of Interest on Loan	6.7698%	6.7698%	6.7698%	6.7698%	6.7698%
	Interest on Loan Annualised	264.00	264.00	245.14	207.43	169.71

Calculation of Interest on Actual Loans

Name of the Company	NTPC LTD.
Name of the Power Station	Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
25	USD 750 Million Drawl -V (Repayement 05-11-2026)					
	Gross loan - Opening	2,498.65	2,498.65	2,498.65	2,498.65	2,498.65
	Cumulative repayments of Loans upto previous period	-	-	-	356.95	713.90
	Net loan - Opening	2,498.65	2,498.65	2,498.65	2,141.70	1,784.75
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	2,498.65	2,498.65	2,498.65	2,141.70	1,784.75
	Repayments of Loans during the period	-	-	356.95	356.95	356.95
	Net loan - Closing	2,498.65	2,498.65	2,141.70	1,784.75	1,427.80
	Average Net Loan	2,498.65	2,498.65	2,320.17	1,963.22	1,606.27
	Rate of Interest on Loan	6.7698%	6.7698%	6.7698%	6.7698%	6.7698%
	Interest on Loan Annualised	169.15	169.15	157.07	132.91	108.74
26	USD 750 Million Drawl -VI (Repayement 05-11-2026)					
	Gross loan - Opening	1,800.00	1,800.00	1,800.00	1,800.00	1,800.00
	Cumulative repayments of Loans upto previous period	-	-	-	257.14	514.29
	Net loan - Opening	1,800.00	1,800.00	1,800.00	1,542.86	1,285.71
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	1,800.00	1,800.00	1,800.00	1,542.86	1,285.71
	Repayments of Loans during the period	-	-	257.14	257.14	257.14
	Net loan - Closing	1,800.00	1,800.00	1,542.86	1,285.71	1,028.57
	Average Net Loan	1,800.00	1,800.00	1,671.43	1,414.29	1,157.14
	Rate of Interest on Loan	6.7698%	6.7698%	6.7698%	6.7698%	6.7698%

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Interest on Loan Annualised	121.86	121.86	113.15	95.74	78.34
27	JPY Equ. \$400 Million Drawl -(Repayment 31-08-2027)					
	Gross loan - Opening	3,100.00	3,100.00	3,100.00	3,100.00	3,100.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	442.86
	Net loan - Opening	3,100.00	3,100.00	3,100.00	3,100.00	2,657.14
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	3,100.00	3,100.00	3,100.00	3,100.00	2,657.14
	Repayments of Loans during the period	-	-	-	442.86	442.86
	Net loan - Closing	3,100.00	3,100.00	3,100.00	2,657.14	2,214.29
	Average Net Loan	3,100.00	3,100.00	3,100.00	2,878.57	2,435.71
	Rate of Interest on Loan	1.2155%	1.2155%	1.2155%	1.2155%	1.2155%
	Interest on Loan Annualised	37.68	37.68	37.68	34.99	29.61
28	JPY Equ. \$400 Million Drawl-II(Repayment 31-08-2027)					
	Gross loan - Opening	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	142.86
	Net loan - Opening	1,000.00	1,000.00	1,000.00	1,000.00	857.14
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	1,000.00	1,000.00	1,000.00	1,000.00	857.14
	Repayments of Loans during the period	-	-	-	142.86	142.86

Calculation of Interest on Actual Loans

Name of the Company **NTPC LTD.**Name of the Power Station **Tanda Super Thermal Power Station Stage-II**

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Net loan - Closing	1,000.00	1,000.00	1,000.00	857.14	714.29
	Average Net Loan	1,000.00	1,000.00	1,000.00	928.57	785.71
	Rate of Interest on Loan	1.2155%	1.2155%	1.2155%	1.2155%	1.2155%
	Interest on Loan Annualised	12.16	12.16	12.16	11.29	9.55
29	JPY Equ. \$400 Million Drawl- III(Repayment 31-08-2027)					
	Gross loan - Opening	1,001.40	1,001.40	1,001.40	1,001.40	1,001.40
	Cumulative repayments of Loans upto previous period	-	-	-	-	143.06
	Net loan - Opening	1,001.40	1,001.40	1,001.40	1,001.40	858.34
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	1,001.40	1,001.40	1,001.40	1,001.40	858.34
	Repayments of Loans during the period	-	-	-	143.06	143.06
	Net loan - Closing	1,001.40	1,001.40	1,001.40	858.34	715.29
	Average Net Loan	1,001.40	1,001.40	1,001.40	929.87	786.81
	Rate of Interest on Loan	1.2155%	1.2155%	1.2155%	1.2155%	1.2155%
	Interest on Loan Annualised	12.17	12.17	12.17	11.30	9.56
30	JPY Equ. \$400 Million Drawl-IV(Repayment 31-08-2027)					
	Gross loan - Opening	6,500.00	6,500.00	6,500.00	6,500.00	6,500.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	928.57
	Net loan - Opening	6,500.00	6,500.00	6,500.00	6,500.00	5,571.43
	Increase/ Decrease due to FERV	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	6,500.00	6,500.00	6,500.00	6,500.00	5,571.43
	Repayments of Loans during the period	-	-	-	928.57	928.57
	Net loan - Closing	6,500.00	6,500.00	6,500.00	5,571.43	4,642.86
	Average Net Loan	6,500.00	6,500.00	6,500.00	6,035.71	5,107.14
	Rate of Interest on Loan	1.2222%	1.2222%	1.2222%	1.2222%	1.2222%
	Interest on Loan Annualised	79.44	79.44	79.44	73.77	62.42
31	Bonds 54 (Repayment 25.03.2023)					
	Gross loan - Opening	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00
	Cumulative repayments of Loans upto previous period	5,400.00	9,000.00	9,000.00	9,000.00	9,000.00
	Net loan - Opening	3,600.00	-	-	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	3,600.00	-	-	-	-
	Repayments of Loans during the period	3,600.00	-	-	-	-
	Net loan - Closing	-	-	-	-	-
	Average Net Loan	1,800.00	-	-	-	-
	Rate of Interest on Loan	8.5200%	-	-	-	-
	Interest on Loan Annualised	153.36	0.00	0.00	0.00	0.00
32	Bonds 57 repayment 15.12.2025 (bullet)					
	Gross loan - Opening	400.00	400.00	400.00	400.00	400.00
	Cumulative repayments of Loans upto previous period	-	-	400.00	400.00	400.00
	Net loan - Opening	400.00	400.00	-	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company	NTPC LTD.
Name of the Power Station	Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	400.00	400.00	-	-	-
	Repayments of Loans during the period	-	400.00	-	-	-
	Net loan - Closing	400.00	-	-	-	-
	Average Net Loan	400.00	200.00	-	-	-
	Rate of Interest on Loan	8.2200%	8.2200%	-	-	-
	Interest on Loan Annualised	32.88	16.44	0.00	0.00	0.00
33	Bonds 60 repayment 05.05.2026 (bullet)					
	Gross loan - Opening	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00
	Cumulative repayments of Loans upto previous period	-	-	-	8,000.00	8,000.00
	Net loan - Opening	8,000.00	8,000.00	8,000.00	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	8,000.00	8,000.00	8,000.00	-	-
	Repayments of Loans during the period	-	-	8,000.00	-	-
	Net loan - Closing	8,000.00	8,000.00	-	-	-
	Average Net Loan	8,000.00	8,000.00	4,000.00	-	-
	Rate of Interest on Loan	8.0800%	8.0800%	8.0800%	-	-
	Interest on Loan Annualised	646.40	646.40	323.20	0.00	0.00
34	Bonds 61 repayment 27.05.2021					
	Gross loan - Opening	4,500.00	4,500.00	4,500.00	4,500.00	4,500.00
	Cumulative repayments of Loans upto previous period	1,500.00	1,500.00	1,500.00	3,000.00	3,000.00
	Net loan - Opening	3,000.00	3,000.00	3,000.00	1,500.00	1,500.00
	Increase/ Decrease due to FERV	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	3,000.00	3,000.00	3,000.00	1,500.00	1,500.00
	Repayments of Loans during the period	-	-	1,500.00	-	-
	Net loan - Closing	3,000.00	3,000.00	1,500.00	1,500.00	1,500.00
	Average Net Loan	3,000.00	3,000.00	2,250.00	1,500.00	1,500.00
	Rate of Interest on Loan	8.1300%	8.1300%	8.1300%	8.1300%	8.1300%
	Interest on Loan Annualised	243.90	243.90	182.93	121.95	121.95
35	Bonds 62 repayment 23.08.2026 (bullet)					
	Gross loan - Opening	4,400.00	4,400.00	4,400.00	4,400.00	4,400.00
	Cumulative repayments of Loans upto previous period	-	-	-	4,400.00	4,400.00
	Net loan - Opening	4,400.00	4,400.00	4,400.00	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	4,400.00	4,400.00	4,400.00	-	-
	Repayments of Loans during the period	-	-	4,400.00	-	-
	Net loan - Closing	4,400.00	4,400.00	-	-	-
	Average Net Loan	4,400.00	4,400.00	2,200.00	-	-
	Rate of Interest on Loan	7.6100%	7.6100%	7.6100%	-	-
	Interest on Loan Annualised	334.84	334.84	167.42	0.00	0.00
36	Bonds 63 repayment 16.09.2026 (bullet)					
	Gross loan - Opening	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00
	Cumulative repayments of Loans upto previous period	-	-	-	3,400.00	3,400.00
	Net loan - Opening	3,400.00	3,400.00	3,400.00	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	3,400.00	3,400.00	3,400.00	-	-
	Repayments of Loans during the period	-	-	3,400.00	-	-
	Net loan - Closing	3,400.00	3,400.00	-	-	-
	Average Net Loan	3,400.00	3,400.00	1,700.00	-	-
	Rate of Interest on Loan	7.50%	7.50%	7.50%	-	-
	Interest on Loan Annualised	255.00	255.00	127.50	0.00	0.00
37	Bonds 64 repayment 07.11.2031 (bullet)					
	Gross loan - Opening	2,900.00	2,900.00	2,900.00	2,900.00	2,900.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	2,900.00	2,900.00	2,900.00	2,900.00	2,900.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	2,900.00	2,900.00	2,900.00	2,900.00	2,900.00
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	2,900.00	2,900.00	2,900.00	2,900.00	2,900.00
	Average Net Loan	2,900.00	2,900.00	2,900.00	2,900.00	2,900.00
	Rate of Interest on Loan	7.52%	7.52%	7.52%	7.52%	7.52%
	Interest on Loan Annualised	218.08	218.08	218.08	218.08	218.08
38	Bonds 65 repayment 24.11.2021 (bullet)					
	Gross loan - Opening	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00
	Cumulative repayments of Loans upto previous period	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00
	Net loan - Opening	-	-	-	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	-	-	-	-	-
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	-	-	-	-	-
	Average Net Loan	-	-	-	-	-
	Rate of Interest on Loan	6.75%	6.75%	6.75%	6.75%	6.75%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00
38	Bonds 66 repayment 14.12.2031 (bullet)					
	Gross loan - Opening	21,600.00	21,600.00	21,600.00	21,600.00	21,600.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	21,600.00	21,600.00	21,600.00	21,600.00	21,600.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	21,600.00	21,600.00	21,600.00	21,600.00	21,600.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	21,600.00	21,600.00	21,600.00	21,600.00	21,600.00
	Average Net Loan	21,600.00	21,600.00	21,600.00	21,600.00	21,600.00
	Rate of Interest on Loan	7.40%	7.40%	7.40%	7.40%	7.40%
	Interest on Loan Annualised	1,598.40	1,598.40	1,598.40	1,598.40	1,598.40
39	Bonds 67 repayment 15.01.2029 (bullet)					
	Gross loan - Opening	12,500.00	12,500.00	12,500.00	12,500.00	12,500.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	12,500.00	12,500.00	12,500.00	12,500.00	12,500.00
	Increase/ Decrease due to FERV	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	12,500.00	12,500.00	12,500.00	12,500.00	12,500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	12500.00
	Net loan - Closing	12,500.00	12,500.00	12,500.00	12,500.00	-
	Average Net Loan	12,500.00	12,500.00	12,500.00	12,500.00	6,250.00
	Rate of Interest on Loan	8.33%	8.33%	8.33%	8.33%	8.33%
	Interest on Loan Annualised	1,041.25	1,041.25	1,041.25	1,041.25	520.63
40	Bonds 69 repayment 17.07.2029 (bullet)					
	Gross loan - Opening	17,000.00	17,000.00	17,000.00	17,000.00	17,000.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	17,000.00	17,000.00	17,000.00	17,000.00	17,000.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	17,000.00	17,000.00	17,000.00	17,000.00	17,000.00
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	17,000.00	17,000.00	17,000.00	17,000.00	17,000.00
	Average Net Loan	17,000.00	17,000.00	17,000.00	17,000.00	17,000.00
	Rate of Interest on Loan	7.35%	7.35%	7.35%	7.35%	7.35%
	Interest on Loan Annualised	1,249.50	1,249.50	1,249.50	1,249.50	1,249.50
41	Bonds 73 repayment 27.01.2031 (bullet)					
	Gross loan - Opening	9,500.00	9,500.00	9,500.00	9,500.00	9,500.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	9,500.00	9,500.00	9,500.00	9,500.00	9,500.00
	Increase/ Decrease due to FERV	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	9,500.00	9,500.00	9,500.00	9,500.00	9,500.00
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	9,500.00	9,500.00	9,500.00	9,500.00	9,500.00
	Average Net Loan	9,500.00	9,500.00	9,500.00	9,500.00	9,500.00
	Rate of Interest on Loan	6.46%	6.46%	6.46%	6.46%	6.46%
	Interest on Loan Annualised	613.70	613.70	613.70	613.70	613.70
42	Bonds 74 repayment 21.04.2036 (bullet)					
	Gross loan - Opening	16,700.00	16,700.00	16,700.00	16,700.00	16,700.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	16,700.00	16,700.00	16,700.00	16,700.00	16,700.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	16,700.00	16,700.00	16,700.00	16,700.00	16,700.00
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	16,700.00	16,700.00	16,700.00	16,700.00	16,700.00
	Average Net Loan	16,700.00	16,700.00	16,700.00	16,700.00	16,700.00
	Rate of Interest on Loan	6.90%	6.90%	6.90%	6.90%	6.90%
	Interest on Loan Annualised	1,152.30	1,152.30	1,152.30	1,152.30	1,152.30
43	Bonds 75 repayment 13.09.2031 (bullet)					
	Gross loan - Opening	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	-
	Net loan - Opening	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
	Increase/ Decrease due to FERV	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
	Average Net Loan	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
	Rate of Interest on Loan	6.72%	6.72%	6.72%	6.72%	6.72%
	Interest on Loan Annualised	67.20	67.20	67.20	67.20	67.20
44	SBI-VIII Repayment from 31.01.2022 - 9Y					
	Gross loan - Opening	18,000.00	18,000.00	18,000.00	18,000.00	18,000.00
	Cumulative repayments of Loans upto previous period	6,000.00	8,000.00	10,000.00	12,000.00	14,000.00
	Net loan - Opening	12,000.00	10,000.00	8,000.00	6,000.00	4,000.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	12,000.00	10,000.00	8,000.00	6,000.00	4,000.00
	Repayments of Loans during the period	2000.00	2000.00	2000.00	2000.00	2000.00
	Net loan - Closing	10,000.00	8,000.00	6,000.00	4,000.00	2,000.00
	Average Net Loan	11,000.00	9,000.00	7,000.00	5,000.00	3,000.00
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	902.00	738.00	574.00	410.00	246.00
45	HDFC Bank Ltd. -III Repayment from 04.12.2021 - 9Y					
	Gross loan - Opening	24,400.00	24,400.00	24,400.00	24,400.00	24,400.00
	Cumulative repayments of Loans upto previous period	8,133.33	10,844.44	13,555.56	16,266.67	18,977.78
	Net loan - Opening	16,266.67	13,555.56	10,844.44	8,133.33	5,422.22
	Increase/ Decrease due to FERV	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company **NTPC LTD.**Name of the Power Station **Tanda Super Thermal Power Station Stage-II**

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	16,266.67	13,555.56	10,844.44	8,133.33	5,422.22
	Repayments of Loans during the period	2,711.11	2,711.11	2,711.11	2,711.11	2,711.11
	Net loan - Closing	13,555.56	10,844.44	8,133.33	5,422.22	2,711.11
	Average Net Loan	14,911.11	12,200.00	9,488.89	6,777.78	4,066.67
	Rate of Interest on Loan	7.95%	7.95%	7.95%	7.95%	7.95%
	Interest on Loan Annualised	1,185.43	969.90	754.37	538.83	323.30
46	HDFC-V D-1 repayment from 25.09.2024 -9Y					
	Gross loan - Opening	1,885.00	1,885.00	1,885.00	1,885.00	1,885.00
	Cumulative repayments of Loans upto previous period	-	209.44	418.89	628.33	837.78
	Net loan - Opening	1,885.00	1,675.56	1,466.11	1,256.67	1,047.22
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	1,885.00	1,675.56	1,466.11	1,256.67	1,047.22
	Repayments of Loans during the period	209	209	209	209	209
	Net loan - Closing	1,675.56	1,466.11	1,256.67	1,047.22	837.78
	Average Net Loan	1,780.28	1,570.83	1,361.39	1,151.94	942.50
	Rate of Interest on Loan	7.95%	7.95%	7.95%	7.95%	7.95%
	Interest on Loan Annualised	141.53	124.88	108.23	91.58	74.93
47	HDFC-VI D-1 repayment from 26.09.2025 -9Y					
	Gross loan - Opening	3,100.00	3,100.00	3,100.00	3,100.00	3,100.00
	Cumulative repayments of Loans upto previous period	-	-	344.44	688.89	1,033.33
	Net loan - Opening	3,100.00	3,100.00	2,755.56	2,411.11	2,066.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company **NTPC LTD.**Name of the Power Station **Tanda Super Thermal Power Station Stage-II**

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Total	3,100.00	3,100.00	2,755.56	2,411.11	2,066.67
	Repayments of Loans during the period	-	344.44	344.44	344.44	344.44
	Net loan - Closing	3,100.00	2,755.56	2,411.11	2,066.67	1,722.22
	Average Net Loan	3,100.00	2,927.78	2,583.33	2,238.89	1,894.44
	Rate of Interest on Loan	7.95%	7.95%	7.95%	7.95%	7.95%
	Interest on Loan Annualised	246.45	232.76	205.38	177.99	150.61
48	HDFC-VII D-1 repayment from 11.06.2026 -9Y					
	Gross loan - Opening	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
	Cumulative repayments of Loans upto previous period	-	-	-	333.33	666.67
	Net loan - Opening	3,000.00	3,000.00	3,000.00	2,666.67	2,333.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	3,000.00	3,000.00	3,000.00	2,666.67	2,333.33
	Repayments of Loans during the period	-	-	333.33	333.33	333.33
	Net loan - Closing	3,000.00	3,000.00	2,666.67	2,333.33	2,000.00
	Average Net Loan	3,000.00	3,000.00	2,833.33	2,500.00	2,166.67
	Rate of Interest on Loan	7.95%	7.95%	7.95%	7.95%	7.95%
	Interest on Loan Annualised	238.50	238.50	225.25	198.75	172.25
49	ICICI-IV Total Paid on 31.12.2018					
	Gross loan - Opening	8,500.00	8,500.00	8,500.00	8,500.00	8,500.00
	Cumulative repayments of Loans upto previous period	8,500.00	8,500.00	8,500.00	8,500.00	8,500.00
	Net loan - Opening	-	-	-	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	-	-	-	-	-
	Average Net Loan	-	-	-	-	-
	Rate of Interest on Loan	0.00%	0.00%	0.00%	0.00%	0.00%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00
50	ICICI BANK VI D-5 Paid on 15.01.2019					
	Gross loan - Opening	12,500.00	12,500.00	12,500.00	12,500.00	12,500.00
	Cumulative repayments of Loans upto previous period	12,500.00	12,500.00	12,500.00	12,500.00	12,500.00
	Net loan - Opening	-	-	-	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	-	-	-	-	-
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	-	-	-	-	-
	Average Net Loan	-	-	-	-	-
	Rate of Interest on Loan	0.00%	0.00%	0.00%	0.00%	0.00%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00
49	PNB-III D-3 repayment from 01.02.2022 -9Y					
	Gross loan - Opening	14,500.00	14,500.00	14,500.00	14,500.00	14,500.00
	Cumulative repayments of Loans upto previous period	4,833.33	6,444.44	8,055.56	9,666.67	11,277.78
	Net loan - Opening	9,666.67	8,055.56	6,444.44	4,833.33	3,222.22
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	9,666.67	8,055.56	6,444.44	4,833.33	3,222.22

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Repayments of Loans during the period	1611.11	1611.11	1611.11	1611.11	1611.11
	Net loan - Closing	8,055.56	6,444.44	4,833.33	3,222.22	1,611.11
	Average Net Loan	8,861.11	7,250.00	5,638.89	4,027.78	2,416.67
	Rate of Interest on Loan	7.90%	7.90%	7.90%	7.90%	7.90%
	Interest on Loan Annualised	700.03	572.75	445.47	318.19	190.92
50	PNB-IV repayment from 01.02.2022 -9Y					
	Gross loan - Opening	8,500.00	8,500.00	8,500.00	8,500.00	8,500.00
	Cumulative repayments of Loans upto previous period	1,888.89	2,833.33	3,777.78	4,722.22	5,666.67
	Net loan - Opening	6,611.11	5,666.67	4,722.22	3,777.78	2,833.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	6,611.11	5,666.67	4,722.22	3,777.78	2,833.33
	Repayments of Loans during the period	944.44	944.44	944.44	944.44	944.44
	Net loan - Closing	5,666.67	4,722.22	3,777.78	2,833.33	1,888.89
	Average Net Loan	6,138.89	5,194.44	4,250.00	3,305.56	2,361.11
	Rate of Interest on Loan	7.90%	7.90%	7.90%	7.90%	7.90%
	Interest on Loan Annualised	484.97	410.36	335.75	261.14	186.53
51	SBI-IX Total repayment from 31.03.2021 -9Y					
	Gross loan - Opening	10,200.00	10,200.00	10,200.00	10,200.00	10,200.00
	Cumulative repayments of Loans upto previous period	3,400.00	5,666.67	6,800.00	7,933.33	9,066.67
	Net loan - Opening	6,800.00	4,533.33	3,400.00	2,266.67	1,133.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	6,800.00	4,533.33	3,400.00	2,266.67	1,133.33

Calculation of Interest on Actual Loans

Name of the Company **NTPC LTD.**Name of the Power Station **Tanda Super Thermal Power Station Stage-II**

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Repayments of Loans during the period	2266.67	1133.33	1133.33	1133.33	1133.33
	Net loan - Closing	4,533.33	3,400.00	2,266.67	1,133.33	-
	Average Net Loan	5,666.67	3,966.67	2,833.33	1,700.00	566.67
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	464.67	325.27	232.33	139.40	46.47
52	SBI-X repayment from 01.10.2024 -9Y					
	Gross loan - Opening	21,115.00	21,115.00	21,115.00	21,115.00	21,115.00
	Cumulative repayments of Loans upto previous period	-	2,346.11	4,692.22	7,038.33	9,384.44
	Net loan - Opening	21,115.00	18,768.89	16,422.78	14,076.67	11,730.56
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	21,115.00	18,768.89	16,422.78	14,076.67	11,730.56
	Repayments of Loans during the period	2346.11	2346.11	2346.11	2346.11	2346.11
	Net loan - Closing	18,768.89	16,422.78	14,076.67	11,730.56	9,384.44
	Average Net Loan	19,941.94	17,595.83	15,249.72	12,903.61	10,557.50
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1,635.24	1,442.86	1,250.48	1,058.10	865.72
53	SBI-XI repayment from 01.10.2022 -9Y					
	Gross loan - Opening	14,000.00	14,000.00	14,000.00	14,000.00	14,000.00
	Cumulative repayments of Loans upto previous period	3,111.11	4,666.67	6,222.22	7,777.78	9,333.33
	Net loan - Opening	10,888.89	9,333.33	7,777.78	6,222.22	4,666.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	10,888.89	9,333.33	7,777.78	6,222.22	4,666.67

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Repayments of Loans during the period	1555.56	1555.56	1555.56	1555.56	1555.56
	Net loan - Closing	9,333.33	7,777.78	6,222.22	4,666.67	3,111.11
	Average Net Loan	10,111.11	8,555.56	7,000.00	5,444.44	3,888.89
	Rate of Interest on Loan	8.10%	8.10%	8.10%	8.10%	8.10%
	Interest on Loan Annualised	819.00	693.00	567.00	441.00	315.00
54	SBI-XII repayment from 31.03.2026 -9Y					
	Gross loan - Opening	24,000.00	24,000.00	24,000.00	24,000.00	24,000.00
	Cumulative repayments of Loans upto previous period	-	-	2,666.67	5,333.33	8,000.00
	Net loan - Opening	24,000.00	24,000.00	21,333.33	18,666.67	16,000.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	24,000.00	24,000.00	21,333.33	18,666.67	16,000.00
	Repayments of Loans during the period	0.00	2666.67	2666.67	2666.67	2666.67
	Net loan - Closing	24,000.00	21,333.33	18,666.67	16,000.00	13,333.33
	Average Net Loan	24,000.00	22,666.67	20,000.00	17,333.33	14,666.67
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1,968.00	1,858.67	1,640.00	1,421.33	1,202.67
55	SYNDICATE-IV Paid on 23.08.2020					
	Gross loan - Opening	12,000.00	12,000.00	12,000.00	12,000.00	12,000.00
	Cumulative repayments of Loans upto previous period	12,000.00	12,000.00	12,000.00	12,000.00	12,000.00
	Net loan - Opening	-	-	-	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company **NTPC LTD.**Name of the Power Station **Tanda Super Thermal Power Station Stage-II**

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	-	-	-	-	-
	Average Net Loan	-	-	-	-	-
	Rate of Interest on Loan	0.00%	0.00%	0.00%	0.00%	0.00%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00
55	HDFC Bank Limited-IX repayment from 30.06.2024 -12Y					
	Gross loan - Opening	20,950.00	20,950.00	20,950.00	20,950.00	20,950.00
	Cumulative repayments of Loans upto previous period	-	1,745.83	3,491.67	5,237.50	6,983.33
	Net loan - Opening	20,950.00	19,204.17	17,458.33	15,712.50	13,966.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	20,950.00	19,204.17	17,458.33	15,712.50	13,966.67
	Repayments of Loans during the period	1745.83	1745.83	1745.83	1745.83	1745.83
	Net loan - Closing	19,204.17	17,458.33	15,712.50	13,966.67	12,220.83
	Average Net Loan	20,077.08	18,331.25	16,585.42	14,839.58	13,093.75
	Rate of Interest on Loan	7.95%	7.95%	7.95%	7.95%	7.95%
	Interest on Loan Annualised	1,596.13	1,457.33	1,318.54	1,179.75	1,040.95
56	AXIS BANK-II repayment from 11.07.2023 -9Y					
	Gross loan - Opening	1,900.00	1,900.00	1,900.00	1,900.00	1,900.00
	Cumulative repayments of Loans upto previous period	1,900.00	1,900.00	1,900.00	1,900.00	1,900.00
	Net loan - Opening	-	-	-	-	-
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Repayments of Loans during the period	-	-	-	-	-
	Net loan - Closing	-	-	-	-	-
	Average Net Loan	-	-	-	-	-
	Rate of Interest on Loan	0.00%	0.00%	0.00%	0.00%	0.00%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00
56	AXIS BANK-IV repayment from 29.03.2024 -10Y					
	Gross loan - Opening	1,900.00	1,900.00	1,900.00	1,900.00	1,900.00
	Cumulative repayments of Loans upto previous period	190.00	380.00	570.00	760.00	950.00
	Net loan - Opening	1,710.00	1,520.00	1,330.00	1,140.00	950.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	1,710.00	1,520.00	1,330.00	1,140.00	950.00
	Repayments of Loans during the period	190.00	190.00	190.00	190.00	190.00
	Net loan - Closing	1,520.00	1,330.00	1,140.00	950.00	760.00
	Average Net Loan	1,615.00	1,425.00	1,235.00	1,045.00	855.00
	Rate of Interest on Loan	8.15%	8.15%	8.15%	8.15%	8.15%
	Interest on Loan Annualised	131.62	116.14	100.65	85.17	69.68
57	PNB V repayment from 27.03.2024 -12Y					
	Gross loan - Opening	700.00	700.00	700.00	700.00	700.00
	Cumulative repayments of Loans upto previous period	58.33	116.67	175.00	233.33	291.67
	Net loan - Opening	641.67	583.33	525.00	466.67	408.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	641.67	583.33	525.00	466.67	408.33

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Repayments of Loans during the period	58.33	58.33	58.33	58.33	58.33
	Net loan - Closing	583.33	525.00	466.67	408.33	350.00
	Average Net Loan	612.50	554.17	495.83	437.50	379.17
	Rate of Interest on Loan	7.90%	7.90%	7.90%	7.90%	7.90%
	Interest on Loan Annualised	48.39	43.78	39.17	34.56	29.95
58	HDFC-X D-2(REPAYMENT-24-11-2025)					
	Gross loan - Opening	10,500.00	10,500.00	10,500.00	10,500.00	10,500.00
	Cumulative repayments of Loans upto previous period	-	-	875.00	1,750.00	2,625.00
	Net loan - Opening	10,500.00	10,500.00	9,625.00	8,750.00	7,875.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	10,500.00	10,500.00	9,625.00	8,750.00	7,875.00
	Repayments of Loans during the period	-	875.00	875.00	875.00	875.00
	Net loan - Closing	10,500.00	9,625.00	8,750.00	7,875.00	7,000.00
	Average Net Loan	10,500.00	10,062.50	9,187.50	8,312.50	7,437.50
	Rate of Interest on Loan	7.84%	7.84%	7.84%	7.84%	7.84%
	Interest on Loan Annualised	823.20	788.90	720.30	651.70	583.10
59	HDFC-XII (REPAYMENT-13-10-27 12Y)					
	Gross loan - Opening	5,500.00	5,500.00	5,500.00	5,500.00	5,500.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	458.33
	Net loan - Opening	5,500.00	5,500.00	5,500.00	5,500.00	5,041.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company **NTPC LTD.**Name of the Power Station **Tanda Super Thermal Power Station Stage-II**

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Total	5,500.00	5,500.00	5,500.00	5,500.00	5,041.67
	Repayments of Loans during the period	-	-	-	458.33	611.11
	Net loan - Closing	5,500.00	5,500.00	5,500.00	5,041.67	4,430.56
	Average Net Loan	5,500.00	5,500.00	5,500.00	5,270.83	4,736.11
	Rate of Interest on Loan	7.60%	7.60%	7.60%	7.60%	7.60%
	Interest on Loan Annualised	418.00	418.00	418.00	400.58	359.94
60	ICICI BANK-VII D-4					
	Gross loan - Opening	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00
	Cumulative repayments of Loans upto previous period	-	208.33	416.67	625.00	833.33
	Net loan - Opening	2,500.00	2,291.67	2,083.33	1,875.00	1,666.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	2,500.00	2,291.67	2,083.33	1,875.00	1,666.67
	Repayments of Loans during the period	208.33	208.33	208.33	208.33	208.33
	Net loan - Closing	2,291.67	2,083.33	1,875.00	1,666.67	1,458.33
	Average Net Loan	2,395.83	2,187.50	1,979.17	1,770.83	1,562.50
	Rate of Interest on Loan	8.00%	8.00%	8.00%	8.00%	8.00%
	Interest on Loan Annualised	191.67	175.00	158.33	141.67	125.00
61	UCO BANK-V					
	Gross loan - Opening	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
	Cumulative repayments of Loans upto previous period	-	-	250.00	500.00	750.00
	Net loan - Opening	3,000.00	3,000.00	2,750.00	2,500.00	2,250.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company **NTPC LTD.**Name of the Power Station **Tanda Super Thermal Power Station Stage-II**

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Total	3,000.00	3,000.00	2,750.00	2,500.00	2,250.00
	Repayments of Loans during the period	-	250.00	250.00	250.00	250.00
	Net loan - Closing	3,000.00	2,750.00	2,500.00	2,250.00	2,000.00
	Average Net Loan	3,000.00	2,875.00	2,625.00	2,375.00	2,125.00
	Rate of Interest on Loan	8.10%	8.10%	8.10%	8.10%	8.10%
	Interest on Loan Annualised	243.00	232.88	212.63	192.38	172.13
62	HDFC Bank Ltd. XI					
	Gross loan - Opening	205.00	205.00	205.00	205.00	205.00
	Cumulative repayments of Loans upto previous period	-	-	-	-	17.08
	Net loan - Opening	205.00	205.00	205.00	205.00	187.92
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-
	Total	205.00	205.00	205.00	205.00	187.92
	Repayments of Loans during the period	-	-	-	17.08	22.78
	Net loan - Closing	205.00	205.00	205.00	187.92	165.14
	Average Net Loan	205.00	205.00	205.00	196.46	176.53
	Rate of Interest on Loan	7.84%	7.84%	7.84%	7.84%	7.84%
	Interest on Loan Annualised	16.07	16.07	16.07	15.40	13.84
	TOTAL LOAN					
	Gross loan - Opening	6,95,729	6,95,729	6,95,729	6,95,729	6,95,729
	Cumulative repayments of Loans upto previous period	1,06,404	1,78,752	2,24,488	3,30,276	4,26,365
	Net loan - Opening	5,89,325	5,16,978	4,71,241	3,65,453	2,69,364
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company **NTPC LTD.**Name of the Power Station **Tanda Super Thermal Power Station Stage-II**

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Total	5,89,325	5,16,978	4,71,241	3,65,453	2,69,364
	Repayments of Loans during the period	72,348	45,737	1,05,788	96,089	83,338
	Net loan - Closing	5,16,978	4,71,241	3,65,453	2,69,364	1,86,026
	Average Net Loan	5,53,151	4,94,109	4,18,347	3,17,408	2,27,695
	Rate of Interest on Loan	5.122%	5.074%	5.127%	5.411%	5.795%
	Interest on Loan Annualised	28,334	25,070	21,449	17,176	13,195
	Note: In case of foreign loans, opening loan balance considered at following exchange rate					
	Exchange rate 30.06.2021 US \$= INR 74.85					
	Exchange rate 30.06.2021 EURO= INR 89.67					
	Exchange rate 30.06.2021 JPY= INR 0.682					
	SBI-VIII D-4 Repayment from 31.01.2022 - 9Y					
	Gross loan - Opening	700.00	700.00	700.00	700.00	700.00
	Cumulative repayments of Loans upto previous period	233.33	311.11	388.89	466.67	544.44
	Net loan - Opening	466.67	388.89	311.11	233.33	155.56
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	466.67	388.89	311.11	233.33	155.56
	Repayments of Loans during the period	77.78	77.78	77.78	77.78	77.78
	Net loan - Closing	388.89	311.11	233.33	155.56	77.78
	Average Net Loan	427.78	350.00	272.22	194.44	116.67
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	35.08	28.70	22.32	15.94	9.57
	SBI-VIII D-6 Repayment from 31.01.2022 - 9Y					
	Gross loan - Opening	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
	Cumulative repayments of Loans upto previous period	1,666.67	2,222.22	2,777.78	3,333.33	3,888.89

Calculation of Interest on Actual Loans

Name of the Company	NTPC LTD.
Name of the Power Station	Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Net loan - Opening	3,333.33	2,777.78	2,222.22	1,666.67	1,111.11
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	3,333.33	2,777.78	2,222.22	1,666.67	1,111.11
	Repayments of Loans during the period	555.56	555.56	555.56	555.56	555.56
	Net loan - Closing	2,777.78	2,222.22	1,666.67	1,111.11	555.56
	Average Net Loan	3,055.56	2,500.00	1,944.44	1,388.89	833.33
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	250.56	205.00	159.44	113.89	68.33
	SBI-VIII D-8 Repayment from 31.01.2022 - 9Y					
	Gross loan - Opening	2,600.00	2,600.00	2,600.00	2,600.00	2,600.00
	Cumulative repayments of Loans upto previous period	866.67	1,155.56	1,444.44	1,733.33	2,022.22
	Net loan - Opening	1,733.33	1,444.44	1,155.56	866.67	577.78
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	1,733.33	1,444.44	1,155.56	866.67	577.78
	Repayments of Loans during the period	288.89	288.89	288.89	288.89	288.89
	Net loan - Closing	1,444.44	1,155.56	866.67	577.78	288.89
	Average Net Loan	1,588.89	1,300.00	1,011.11	722.22	433.33
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	130.29	106.60	82.91	59.22	35.53
	SBI-VIII D-11 Repayment from 31.01.2022 - 9Y					
	Gross loan - Opening	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
	Cumulative repayments of Loans upto previous period	500.00	666.67	833.33	1,000.00	1,166.67
	Net loan - Opening	1,000.00	833.33	666.67	500.00	333.33
	Increase/ Decrease due to FERV	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	1,000.00	833.33	666.67	500.00	333.33
	Repayments of Loans during the period	166.67	166.67	166.67	166.67	166.67
	Net loan - Closing	833.33	666.67	500.00	333.33	166.67
	Average Net Loan	916.67	750.00	583.33	416.67	250.00
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	75.17	61.50	47.83	34.17	20.50
	SBI-VIII D-12 Repayment from 31.01.2022 - 9Y					
	Gross loan - Opening	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
	Cumulative repayments of Loans upto previous period	500.00	666.67	833.33	1,000.00	1,166.67
	Net loan - Opening	1,000.00	833.33	666.67	500.00	333.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	1,000.00	833.33	666.67	500.00	333.33
	Repayments of Loans during the period	166.67	166.67	166.67	166.67	166.67
	Net loan - Closing	833.33	666.67	500.00	333.33	166.67
	Average Net Loan	916.67	750.00	583.33	416.67	250.00
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	75.17	61.50	47.83	34.17	20.50
	SBI-VIII D-14 Repayment from 31.01.2022 - 9Y					
	Gross loan - Opening	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00
	Cumulative repayments of Loans upto previous period	833.33	1,111.11	1,388.89	1,666.67	1,944.44
	Net loan - Opening	1,666.67	1,388.89	1,111.11	833.33	555.56
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	1,666.67	1,388.89	1,111.11	833.33	555.56

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Repayments of Loans during the period	277.78	277.78	277.78	277.78	277.78
	Net loan - Closing	1,388.89	1,111.11	833.33	555.56	277.78
	Average Net Loan	1,527.78	1,250.00	972.22	694.44	416.67
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	125.28	102.50	79.72	56.94	34.17
	SBI-VIII D-20 Repayment from 31.01.2022 - 9Y					
	Gross loan - Opening	4,200.00	4,200.00	4,200.00	4,200.00	4,200.00
	Cumulative repayments of Loans upto previous period	1,400.00	1,866.67	2,333.33	2,800.00	3,266.67
	Net loan - Opening	2,800.00	2,333.33	1,866.67	1,400.00	933.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	2,800.00	2,333.33	1,866.67	1,400.00	933.33
	Repayments of Loans during the period	466.67	466.67	466.67	466.67	466.67
	Net loan - Closing	2,333.33	1,866.67	1,400.00	933.33	466.67
	Average Net Loan	2,566.67	2,100.00	1,633.33	1,166.67	700.00
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	210.47	172.20	133.93	95.67	57.40
	SBI -VIII Total					
	Gross loan - Opening	18,000.00	18,000.00	18,000.00	18,000.00	18,000.00
	Cumulative repayments of Loans upto previous period	6,000.00	8,000.00	10,000.00	12,000.00	14,000.00
	Net loan - Opening	12,000.00	10,000.00	8,000.00	6,000.00	4,000.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	12,000.00	10,000.00	8,000.00	6,000.00	4,000.00
	Repayments of Loans during the period	2000.00	2000.00	2000.00	2000.00	2000.00

Calculation of Interest on Actual Loans

Name of the Company **NTPC LTD.**Name of the Power Station **Tanda Super Thermal Power Station Stage-II**

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Net loan - Closing	10,000.00	8,000.00	6,000.00	4,000.00	2,000.00
	Average Net Loan	11,000.00	9,000.00	7,000.00	5,000.00	3,000.00
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	902.00	738.00	574.00	410.00	246.00
	HDFC Bank Ltd. -III Repayment from 04.12.2021 - 9Y					
	Gross loan - Opening	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00
	Cumulative repayments of Loans upto previous period	6,666.67	8,888.89	11,111.11	13,333.33	15,555.56
	Net loan - Opening	13,333.33	11,111.11	8,888.89	6,666.67	4,444.44
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	13,333.33	11,111.11	8,888.89	6,666.67	4,444.44
	Repayments of Loans during the period	2222.22	2222.22	2222.22	2222.22	2222.22
	Net loan - Closing	11,111.11	8,888.89	6,666.67	4,444.44	2,222.22
	Average Net Loan	12,222.22	10,000.00	7,777.78	5,555.56	3,333.33
	Rate of Interest on Loan	7.95%	7.95%	7.95%	7.95%	7.95%
	Interest on Loan Annualised	971.67	795.00	618.33	441.67	265.00
	HDFC Bank Ltd. -III Repayment from 04.12.2021 - 9Y					
	Gross loan - Opening	900.00	900.00	900.00	900.00	900.00
	Cumulative repayments of Loans upto previous period	300.00	400.00	500.00	600.00	700.00
	Net loan - Opening	600.00	500.00	400.00	300.00	200.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	600.00	500.00	400.00	300.00	200.00
	Repayments of Loans during the period	100.00	100.00	100.00	100.00	100.00
	Net loan - Closing	500.00	400.00	300.00	200.00	100.00
	Average Net Loan	550.00	450.00	350.00	250.00	150.00

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Rate of Interest on Loan	7.950%	7.950%	7.950%	7.950%	7.950%
	Interest on Loan Annualised	43.73	35.78	27.83	19.88	11.93
	HDFC Bank Ltd. -III Repayment from 04.12.2021 - 9Y					
	Gross loan - Opening	3,500.00	3,500.00	3,500.00	3,500.00	3,500.00
	Cumulative repayments of Loans upto previous period	1,166.67	1,555.56	1,944.44	2,333.33	2,722.22
	Net loan - Opening	2,333.33	1,944.44	1,555.56	1,166.67	777.78
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	2,333.33	1,944.44	1,555.56	1,166.67	777.78
	Repayments of Loans during the period	388.89	388.89	388.89	388.89	388.89
	Net loan - Closing	1,944.44	1,555.56	1,166.67	777.78	388.89
	Average Net Loan	2,138.89	1,750.00	1,361.11	972.22	583.33
	Rate of Interest on Loan	7.950%	7.950%	7.950%	7.950%	7.950%
	Interest on Loan Annualised	170.04	139.13	108.21	77.29	46.38
	HDFC -III -Total					
	Gross loan - Opening	24,400.00	24,400.00	24,400.00	24,400.00	24,400.00
	Cumulative repayments of Loans upto previous period	8,133.33	10,844.44	13,555.56	16,266.67	18,977.78
	Net loan - Opening	16,266.67	13,555.56	10,844.44	8,133.33	5,422.22
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	16,266.67	13,555.56	10,844.44	8,133.33	5,422.22
	Repayments of Loans during the period	2711.11	2711.11	2711.11	2711.11	2711.11
	Net loan - Closing	13,555.56	10,844.44	8,133.33	5,422.22	2,711.11
	Average Net Loan	14,911.11	12,200.00	9,488.89	6,777.78	4,066.67
	Rate of Interest on Loan	7.95%	7.95%	7.95%	7.95%	7.95%

Calculation of Interest on Actual Loans

Name of the Company **NTPC LTD.**
Name of the Power Station **Tanda Super Thermal Power Station Stage-II**

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	SBI-X D-1 repayment from 01.10.2024 -9Y					
	Gross loan - Opening	2,615.00	2,615.00	2,615.00	2,615.00	2,615.00
	Cumulative repayments of Loans upto previous period	-	290.56	581.11	871.67	1,162.22
	Net loan - Opening	2,615.00	2,324.44	2,033.89	1,743.33	1,452.78
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	2,615.00	2,324.44	2,033.89	1,743.33	1,452.78
	Repayments of Loans during the period	290.56	290.56	290.56	290.56	290.56
	Net loan - Closing	2,324.44	2,033.89	1,743.33	1,452.78	1,162.22
	Average Net Loan	2,469.72	2,179.17	1,888.61	1,598.06	1,307.50
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	SBI-X D-2 repayment from 01.10.2024 -9Y					
	Gross loan - Opening	3,500.00	3,500.00	3,500.00	3,500.00	3,500.00
	Cumulative repayments of Loans upto previous period	-	388.89	777.78	1,166.67	1,555.56
	Net loan - Opening	3,500.00	3,111.11	2,722.22	2,333.33	1,944.44
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	3,500.00	3,111.11	2,722.22	2,333.33	1,944.44
	Repayments of Loans during the period	388.89	388.89	388.89	388.89	388.89
	Net loan - Closing	3,111.11	2,722.22	2,333.33	1,944.44	1,555.56
	Average Net Loan	3,305.56	2,916.67	2,527.78	2,138.89	1,750.00

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	SBI-X D-7 repayment from 01.10.2024 -9Y					
	Gross loan - Opening	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
	Cumulative repayments of Loans upto previous period	-	1,666.67	3,333.33	5,000.00	6,666.67
	Net loan - Opening	15,000.00	13,333.33	11,666.67	10,000.00	8,333.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	15,000.00	13,333.33	11,666.67	10,000.00	8,333.33
	Repayments of Loans during the period	1666.67	1666.67	1666.67	1666.67	1666.67
	Net loan - Closing	13,333.33	11,666.67	10,000.00	8,333.33	6,666.67
	Average Net Loan	14,166.67	12,500.00	10,833.33	9,166.67	7,500.00
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	SBI -X Total					
	Gross loan - Opening	21,115.00	21,115.00	21,115.00	21,115.00	21,115.00
	Cumulative repayments of Loans upto previous period	-	2,346.11	4,692.22	7,038.33	9,384.44
	Net loan - Opening	21,115.00	18,768.89	16,422.78	14,076.67	11,730.56
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	21,115.00	18,768.89	16,422.78	14,076.67	11,730.56
	Repayments of Loans during the period	2346.11	2346.11	2346.11	2346.11	2346.11
	Net loan - Closing	18,768.89	16,422.78	14,076.67	11,730.56	9,384.44
	Average Net Loan	19,941.94	17,595.83	15,249.72	12,903.61	10,557.50
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	SBI IX D-1 repayment from 31.03.2021 -9Y					
	Gross loan - Opening	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00
	Cumulative repayments of Loans upto previous period	400.00	666.67	800.00	933.33	1,066.67
	Net loan - Opening	800.00	533.33	400.00	266.67	133.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	800.00	533.33	400.00	266.67	133.33
	Repayments of Loans during the period	266.67	133.33	133.33	133.33	133.33
	Net loan - Closing	533.33	400.00	266.67	133.33	-
	Average Net Loan	666.67	466.67	333.33	200.00	66.67
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	SBI IX D-4 repayment from 31.03.2021 -9Y					
	Gross loan - Opening	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
	Cumulative repayments of Loans upto previous period	1,000.00	1,666.67	2,000.00	2,333.33	2,666.67
	Net loan - Opening	2,000.00	1,333.33	1,000.00	666.67	333.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	2,000.00	1,333.33	1,000.00	666.67	333.33
	Repayments of Loans during the period	666.67	333.33	333.33	333.33	333.33
	Net loan - Closing	1,333.33	1,000.00	666.67	333.33	-
	Average Net Loan	1,666.67	1,166.67	833.33	500.00	166.67
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	SBI IX D-5 repayment from 31.03.2021 -9Y					

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Gross loan - Opening	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00
	Cumulative repayments of Loans upto previous period	2,000.00	3,333.33	4,000.00	4,666.67	5,333.33
	Net loan - Opening	4,000.00	2,666.67	2,000.00	1,333.33	666.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	4,000.00	2,666.67	2,000.00	1,333.33	666.67
	Repayments of Loans during the period	1333.33	666.67	666.67	666.67	666.67
	Net loan - Closing	2,666.67	2,000.00	1,333.33	666.67	-
	Average Net Loan	3,333.33	2,333.33	1,666.67	1,000.00	333.33
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	SBI -IX Total					
	Gross loan - Opening	10,200.00	10,200.00	10,200.00	10,200.00	10,200.00
	Cumulative repayments of Loans upto previous period	3,400.00	5,666.67	6,800.00	7,933.33	9,066.67
	Net loan - Opening	6,800.00	4,533.33	3,400.00	2,266.67	1,133.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	6,800.00	4,533.33	3,400.00	2,266.67	1,133.33
	Repayments of Loans during the period	2266.67	1133.33	1133.33	1133.33	1133.33
	Net loan - Closing	4,533.33	3,400.00	2,266.67	1,133.33	-
	Average Net Loan	5,666.67	3,966.67	2,833.33	1,700.00	566.67
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	SBI XI D-1 repayment from 01.10.2022 -9Y					
	Gross loan - Opening	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Cumulative repayments of Loans upto previous period	2,222.22	3,333.33	4,444.44	5,555.56	6,666.67
	Net loan - Opening	7,777.78	6,666.67	5,555.56	4,444.44	3,333.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	7,777.78	6,666.67	5,555.56	4,444.44	3,333.33
	Repayments of Loans during the period	1111.11	1111.11	1111.11	1111.11	1111.11
	Net loan - Closing	6,666.67	5,555.56	4,444.44	3,333.33	2,222.22
	Average Net Loan	7,222.22	6,111.11	5,000.00	3,888.89	2,777.78
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	SBI XI D-4 repayment from 01.10.2022 -9Y					
	Gross loan - Opening	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
	Cumulative repayments of Loans upto previous period	222.22	333.33	444.44	555.56	666.67
	Net loan - Opening	777.78	666.67	555.56	444.44	333.33
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	777.78	666.67	555.56	444.44	333.33
	Repayments of Loans during the period	111.11	111.11	111.11	111.11	111.11
	Net loan - Closing	666.67	555.56	444.44	333.33	222.22
	Average Net Loan	722.22	611.11	500.00	388.89	277.78
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	SBI XI D-5 repayment from 01.10.2022 -9Y					
	Gross loan - Opening	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
	Cumulative repayments of Loans upto previous period	666.67	1,000.00	1,333.33	1,666.67	2,000.00
	Net loan - Opening	2,333.33	2,000.00	1,666.67	1,333.33	1,000.00

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	2,333.33	2,000.00	1,666.67	1,333.33	1,000.00
	Repayments of Loans during the period	333.33	333.33	333.33	333.33	333.33
	Net loan - Closing	2,000.00	1,666.67	1,333.33	1,000.00	666.67
	Average Net Loan	2,166.67	1,833.33	1,500.00	1,166.67	833.33
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	SBI -XI Total					
	Gross loan - Opening	14,000.00	14,000.00	14,000.00	14,000.00	14,000.00
	Cumulative repayments of Loans upto previous period	3,111.11	4,666.67	6,222.22	7,777.78	9,333.33
	Net loan - Opening	10,888.89	9,333.33	7,777.78	6,222.22	4,666.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	10,888.89	9,333.33	7,777.78	6,222.22	4,666.67
	Repayments of Loans during the period	1555.56	1555.56	1555.56	1555.56	1555.56
	Net loan - Closing	9,333.33	7,777.78	6,222.22	4,666.67	3,111.11
	Average Net Loan	10,111.11	8,555.56	7,000.00	5,444.44	3,888.89
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	SBI XII D-1 repayment from 31.03.2026 -9Y					
	Gross loan - Opening	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
	Cumulative repayments of Loans upto previous period	-	-	555.56	1,111.11	1,666.67
	Net loan - Opening	5,000.00	5,000.00	4,444.44	3,888.89	3,333.33
	Increase/ Decrease due to FERV	-	-	-	-	-

Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Name of the Power Station

Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	5,000.00	5,000.00	4,444.44	3,888.89	3,333.33
	Repayments of Loans during the period	0.00	555.56	555.56	555.56	555.56
	Net loan - Closing	5,000.00	4,444.44	3,888.89	3,333.33	2,777.78
	Average Net Loan	5,000.00	4,722.22	4,166.67	3,611.11	3,055.56
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	SBI XII D-3 repayment from 31.03.2026 -9Y					
	Gross loan - Opening	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
	Cumulative repayments of Loans upto previous period	-	-	333.33	666.67	1,000.00
	Net loan - Opening	3,000.00	3,000.00	2,666.67	2,333.33	2,000.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	3,000.00	3,000.00	2,666.67	2,333.33	2,000.00
	Repayments of Loans during the period	0.00	333.33	333.33	333.33	333.33
	Net loan - Closing	3,000.00	2,666.67	2,333.33	2,000.00	1,666.67
	Average Net Loan	3,000.00	2,833.33	2,500.00	2,166.67	1,833.33
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	SBI XII D-4 repayment from 31.03.2026 -9Y					
	Gross loan - Opening	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00
	Cumulative repayments of Loans upto previous period	-	-	1,777.78	3,555.56	5,333.33
	Net loan - Opening	16,000.00	16,000.00	14,222.22	12,444.44	10,666.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	16,000.00	16,000.00	14,222.22	12,444.44	10,666.67

Calculation of Interest on Actual Loans

Name of the Company **NTPC LTD.**Name of the Power Station **Tanda Super Thermal Power Station Stage-II**

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Repayments of Loans during the period	0.00	1777.78	1777.78	1777.78	1777.78
	Net loan - Closing	16,000.00	14,222.22	12,444.44	10,666.67	8,888.89
	Average Net Loan	16,000.00	15,111.11	13,333.33	11,555.56	9,777.78
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	SBI -XII Total					
	Gross loan - Opening	24,000.00	24,000.00	24,000.00	24,000.00	24,000.00
	Cumulative repayments of Loans upto previous period	-	-	2,666.67	5,333.33	8,000.00
	Net loan - Opening	24,000.00	24,000.00	21,333.33	18,666.67	16,000.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	24,000.00	24,000.00	21,333.33	18,666.67	16,000.00
	Repayments of Loans during the period	0.00	2666.67	2666.67	2666.67	2666.67
	Net loan - Closing	24,000.00	21,333.33	18,666.67	16,000.00	13,333.33
	Average Net Loan	24,000.00	22,666.67	20,000.00	17,333.33	14,666.67
	Rate of Interest on Loan	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	PNB-III D-3 repayment from 01.02.2022 -9Y					
	Gross loan - Opening	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
	Cumulative repayments of Loans upto previous period	666.67	888.89	1,111.11	1,333.33	1,555.56
	Net loan - Opening	1,333.33	1,111.11	888.89	666.67	444.44
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	1,333.33	1,111.11	888.89	666.67	444.44
	Repayments of Loans during the period	222.22	222.22	222.22	222.22	222.22
	Net loan - Closing	1,111.11	888.89	666.67	444.44	222.22

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Average Net Loan	1,222.22	1,000.00	777.78	555.56	333.33
	Rate of Interest on Loan	7.90%	7.90%	7.90%	7.90%	7.90%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	PNB-III D-5 repayment from 01.02.2022 -9Y					
	Gross loan - Opening	12,500.00	12,500.00	12,500.00	12,500.00	12,500.00
	Cumulative repayments of Loans upto previous period	4,166.67	5,555.56	6,944.44	8,333.33	9,722.22
	Net loan - Opening	8,333.33	6,944.44	5,555.56	4,166.67	2,777.78
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	8,333.33	6,944.44	5,555.56	4,166.67	2,777.78
	Repayments of Loans during the period	1388.89	1388.89	1388.89	1388.89	1388.89
	Net loan - Closing	6,944.44	5,555.56	4,166.67	2,777.78	1,388.89
	Average Net Loan	7,638.89	6,250.00	4,861.11	3,472.22	2,083.33
	Rate of Interest on Loan	7.90%	7.90%	7.90%	7.90%	7.90%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	PNB -III Total					
	Gross loan - Opening	14,500.00	14,500.00	14,500.00	14,500.00	14,500.00
	Cumulative repayments of Loans upto previous period	4,833.33	6,444.44	8,055.56	9,666.67	11,277.78
	Net loan - Opening	9,666.67	8,055.56	6,444.44	4,833.33	3,222.22
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	9,666.67	8,055.56	6,444.44	4,833.33	3,222.22
	Repayments of Loans during the period	1611.11	1611.11	1611.11	1611.11	1611.11
	Net loan - Closing	8,055.56	6,444.44	4,833.33	3,222.22	1,611.11
	Average Net Loan	8,861.11	7,250.00	5,638.89	4,027.78	2,416.67
	Rate of Interest on Loan	7.900%	7.900%	7.900%	7.900%	7.900%

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	HDFC Bank Ltd. IX D4 repayment from 30.06.2024 - 12Y					
	Gross loan - Opening	12,000.00	12,000.00	12,000.00	12,000.00	12,000.00
	Cumulative repayments of Loans upto previous period	-	1,000.00	2,000.00	3,000.00	4,000.00
	Net loan - Opening	12,000.00	11,000.00	10,000.00	9,000.00	8,000.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	12,000.00	11,000.00	10,000.00	9,000.00	8,000.00
	Repayments of Loans during the period	1000.00	1000.00	1000.00	1000.00	1000.00
	Net loan - Closing	11,000.00	10,000.00	9,000.00	8,000.00	7,000.00
	Average Net Loan	11,500.00	10,500.00	9,500.00	8,500.00	7,500.00
	Rate of Interest on Loan	8.400%	8.400%	8.400%	8.400%	8.400%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	HDFC Bank Ltd. IX D9 repayment from 30.06.2024 - 12Y					
	Gross loan - Opening	8,200.00	8,200.00	8,200.00	8,200.00	8,200.00
	Cumulative repayments of Loans upto previous period	-	683.33	1,366.67	2,050.00	2,733.33
	Net loan - Opening	8,200.00	7,516.67	6,833.33	6,150.00	5,466.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	8,200.00	7,516.67	6,833.33	6,150.00	5,466.67
	Repayments of Loans during the period	683.33	683.33	683.33	683.33	683.33
	Net loan - Closing	7,516.67	6,833.33	6,150.00	5,466.67	4,783.33
	Average Net Loan	7,858.33	7,175.00	6,491.67	5,808.33	5,125.00
	Rate of Interest on Loan	8.400%	8.400%	8.400%	8.400%	8.400%

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Tanda Super Thermal Power Station Stage-II

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	HDFC Bank Ltd. IX D10 repayment from 30.06.2024 - 12Y					
	Gross loan - Opening	750.00	750.00	750.00	750.00	750.00
	Cumulative repayments of Loans upto previous period	-	62.50	125.00	187.50	250.00
	Net loan - Opening	750.00	687.50	625.00	562.50	500.00
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	750.00	687.50	625.00	562.50	500.00
	Repayments of Loans during the period	62.50	62.50	62.50	62.50	62.50
	Net loan - Closing	687.50	625.00	562.50	500.00	437.50
	Average Net Loan	718.75	656.25	593.75	531.25	468.75
	Rate of Interest on Loan	8.400%	8.400%	8.400%	8.400%	8.400%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30
	HDFC Bank Ltd. IX Total					
	Gross loan - Opening	20,950.00	20,950.00	20,950.00	20,950.00	20,950.00
	Cumulative repayments of Loans upto previous period	-	1,745.83	3,491.67	5,237.50	6,983.33
	Net loan - Opening	20,950.00	19,204.17	17,458.33	15,712.50	13,966.67
	Increase/ Decrease due to FERV	-	-	-	-	-
	Increase/ Decrease due to ACE	-	-	-	-	-
	Total	20,950.00	19,204.17	17,458.33	15,712.50	13,966.67
	Repayments of Loans during the period	1,745.83	1,745.83	1,745.83	1,745.83	1,745.83
	Net loan - Closing	19,204.17	17,458.33	15,712.50	13,966.67	12,220.83
	Average Net Loan	20,077.08	18,331.25	16,585.42	14,839.58	13,093.75
	Rate of Interest on Loan	8.400%	8.400%	8.400%	8.400%	8.400%
	Interest on Loan Annualised	1185.43	969.90	754.37	538.83	323.30

Calculation of Interest on Actual Loans

Name of the Company **NTPC LTD.**Name of the Power Station **Tanda Super Thermal Power Station Stage-II**

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	HDFC-XII DRAWL-I					
	Gross loan - Opening	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	0.00
	Net loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	2000.00	2000.00	2000.00	2000.00	2000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	2000.00	2000.00	2000.00	2000.00	2000.00
	Average Net Loan	2000.00	2000.00	2000.00	2000.00	2000.00
	Rate of Interest on Loan	7.600%	7.600%	7.600%	7.600%	7.600%
	Interest on Loan Annualised	152.00	152.00	152.00	152.00	152.00
	HDFC-XII D-3					
	Gross loan - Opening	1000.00	1000.00	1000.00	1000.00	1000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1000.00	1000.00	1000.00	1000.00	1000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	1000.00	1000.00	1000.00	1000.00	1000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	1000.00	1000.00	1000.00	1000.00	1000.00
	Average Net Loan	1000.00	1000.00	1000.00	1000.00	1000.00
	Rate of Interest on Loan	7.600%	7.600%	7.600%	7.600%	7.600%
	Interest on Loan Annualised	76.00	76.00	76.00	76.00	76.00

Calculation of Interest on Actual Loans

Name of the Company **NTPC LTD.**Name of the Power Station **Tanda Super Thermal Power Station Stage-II**

(Amount in lacs)

Sl. no.	Particulars	2024-25 (01.04.2024-31.03.2025)	2025-26 (01.04.2025-31.03.2026)	2026-27 (01.04.2026-31.03.2027)	2027-28 (01.04.2027-31.03.2028)	2028-29 (01.04.2028-31.03.2029)
	HDFC-XII D4					
	Gross loan - Opening	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	0.00
	Net loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	2000.00	2000.00	2000.00	2000.00	2000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	2000.00	2000.00	2000.00	2000.00	2000.00
	Average Net Loan	2000.00	2000.00	2000.00	2000.00	2000.00
	Rate of Interest on Loan	7.600%	7.600%	7.600%	7.600%	7.600%
	Interest on Loan Annualised	152.00	152.00	152.00	152.00	152.00
	HDFC-XII D6					
	Gross loan - Opening	500.00	500.00	500.00	500.00	500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	500.00	500.00	500.00	500.00	500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	500.00	500.00	500.00	500.00	500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	500.00	500.00	500.00	500.00	500.00
	Average Net Loan	500.00	500.00	500.00	500.00	500.00
	Rate of Interest on Loan	7.600%	7.600%	7.600%	7.600%	7.600%
	Interest on Loan Annualised	38.00	38.00	38.00	38.00	38.00

Refinancing of multiple loans-24.08.2020							
BP NO.	DESCRIPTION	O/s amount(In Rs.)	Interest rate benchmark and rate on swap date	Refinanced by Loan	Interest rate benchmark and rate on swap date	Saving	50%
5050000422	Syndicate Bank-IV	7,00,00,00,000	1-M MCLR-7.20%	HDFC Bank-IX- Rs. 460Cr , Axis Bank-III-Rs. 240Cr	Repo rate+230bps-6.30%	0.9	0.45
Interest rate movement							
2020-21							
Axis Bank -II	6.30%						
HDFC Bank-IX	6.30%	Upto 23.12.2021					
HDFC Bank-IX	5.95%	24-12.2021-31.03.2021					
CC	Project Name	SYNDICATE -IV		Bank Name			
10531001	DARLIPALLI	400000000		Axis Bank-III			
10491001	GADARWARA	400000000		Axis Bank-III			
10711001	TALAIPALI			Axis Bank-III			
10381001	Tapovan	300000000		Axis Bank-III			
10571001	TELANGANA	1300000000		Axis Bank-III			
10282001	BARH-II			HDFC Bank-IX			
10421001	BONGAIGAON			HDFC Bank-IX			
10790001	CHATTI BARIATU			HDFC Bank-IX			
10759001	JETSAR SOLAR	200000000		HDFC Bank-IX			
10252001	KAHALGAON-II			HDFC Bank-IX			
10541001	KHARGONE	1200000000		HDFC Bank-IX			
10370001	KOLDAM			HDFC Bank-IX			
10173001	KORBA-III			HDFC Bank-IX			
10461001	KUDGI			HDFC Bank-IX			
10471001	LARA-I			HDFC Bank-IX			
10431001	MOUDA-I			HDFC Bank-IX			
10432001	MOUDA-II			HDFC Bank-IX			
10291001	NORTH KARANPURA	500000000		HDFC Bank-IX			
10401001	Pakri Barwadih			HDFC Bank-IX			
10511001	RAMMAM	500000000		HDFC Bank-IX			
10053001	RIHAND-III			HDFC Bank-IX			
10352001	SIMHADRI-II			HDFC Bank-IX			
10191001	SIPAT-I			HDFC Bank-IX			
10451001	SOLAPUR			HDFC Bank-IX			
10072001	TANDA-II	1200000000		HDFC Bank-IX			
10064001	UNCHAHAAR -IV			HDFC Bank-IX			
10184001	Vindhyachal-IV			HDFC Bank-IX			
10185001	Vindhyachal -V	1000000000		HDFC Bank-IX			
	Sub Total						
	Grand Total	7000000000					

Station		Tanda Super Thermal Power Station Stage-II			(Rs Lakhs)			
Year wise refinance of Loans								
Sr. No.	Bank	ROI on refinancing date	Date of refinancing	Refinanced with Bank	ROI of replaced Loan	Refinanced Amount	Saving	50%
2	Axis Bank II & Axis Bank III	8.30%	29-Mar-23	Axis Bank-IV	8.00%	1900	0.30%	0.15%
As per email dated 16.09.2024 from CC Budget								
Partner	Bank	Project	Project name	Amount (Rs.)				
5050000762	Axis Bank II	10072001	TANDA-II	19,00,00,000.00				
5050000762	Axis Bank II	10112046	NCPS-FGD	24,00,00,000.00				
5050000762	Axis Bank II	10260045	TSTPS-R&M-I	8,00,00,000.00				
5050000762	Axis Bank II	10281001	BARH-I	2,20,00,00,000.00				
5050000762	Axis Bank II	10291001	NORTH KARANPURA	65,00,00,000.00				
5050001001	Axis Bank III	10381001	TAPOVAN VISHNUGAD	32,50,00,000.00				
5050000762	Axis Bank II	10471001	LARA-I	2,30,00,00,000.00				
5050000762	Axis Bank II	10491001	GADARWARA	3,76,00,00,000.00				
5050001001	Axis Bank III	10491001	GADARWARA	1,08,00,00,000.00				
5050000762	Axis Bank II	10531001	DARLIPALLI	96,00,00,000.00				
5050001001	Axis Bank III	10531001	DARLIPALLI	58,00,00,000.00				
5050000762	Axis Bank II	10541001	KHARGONE	1,15,00,00,000.00				
5050000762	Axis Bank II	10571001	TELANGANA	20,00,00,000.00				
5050001001	Axis Bank III	10571001	TELANGANA	1,30,00,00,000.00				
5050001001	Axis Bank III	10711001	TALAIPALI	53,50,00,000.00				
5050000762	Axis Bank II	10780001	KIRENDARI	3,40,00,00,000.00				
5050000762	Axis Bank II	10790001	CHATTI BARIATU	5,00,00,000.00				
			Grand total	19,00,00,00,000.00				
Refinanced Loans				Repaid Loans				
Axis Bank-IV	29-03-2023	1,900.00	TANDA-II	-19				
Axis Bank-IV	29-03-2023	2,400.00	NCPS-FGD	-24				
Axis Bank-IV	29-03-2023	800	TSTPP R&M	-8				
Axis Bank-IV	29-03-2023	22,000.00	BARH I	-220				
Axis Bank-IV	29-03-2023	6,500.00	NORTH KARANPURA	-65				
Axis Bank-IV	29-03-2023	23,000.00	LARA-I	-230				
Axis Bank-IV	29-03-2023	48,400.00	GADARWARA	-484				
Axis Bank-IV	29-03-2023	15,400.00	DARLIPALLI	-154				
Axis Bank-IV	29-03-2023	11,500.00	KHARGONE	-115				
Axis Bank-IV	29-03-2023	15,000.00	TELANGANA	-150				
Axis Bank-IV	29-03-2023	34,000.00	KERANDARI	-340				
Axis Bank-IV	29-03-2023	500	CHATTI BARIATU	-5				
Axis Bank-IV	29-03-2023	3,250.00	TAPOVAN VISHNUGAD	-32.5				
Axis Bank-IV	29-03-2023	5,350.00	TALAIPALI	-53.5				

Details of Source wise Fuel for Computation of Energy Charges								
Name of the Company :		NTPC Limited						
Name of the Power Station :		Tanda Super Thermal Power Station Stage-II						
S. No.	Month	Unit	Apr-23					
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass	
A) OPENING QUANTITY								
1	Opening Quantity of Coal/ Lignite	(MT)	2,03,323	2,52,808	-	61,114	-	
2	Value of Stock	(Rs.)	88,53,93,101	97,28,81,711	-	97,23,46,329	-	
B) QUANTITY								
3	Quantity of Coal supplied by Coal Company	(MT)	4,43,037	65,577	-	2,16,717	-	
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-503	-	-	-	
5	Coal supplied by Coal Company (3+4)	(MT)	4,43,037	65,074	-	2,16,717	-	
6	Normative Transit & Handling Losses	(MT)	3,544	525	-	433	-	
7	Net coal / Lignite Supplied (5-6)	(MT)	4,39,493	64,549	-	2,16,284	-	
C) PRICE								
8	Amount charged by the Coal Company	(Rs.)	1,12,47,10,707	15,48,89,196	-	3,15,71,83,276	-	
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	15,24,47,498	-12,14,977	-	-	-	
10	Handling, Sampling and such other similar charges	(Rs.)	18,31,958	2,71,273	-	8,96,475	-	
11	Total amount Charged (8+9+10)	(Rs.)	1,27,89,90,163	15,39,45,491	-	3,15,80,79,751	-	
D) TRANSPORTATION								
12	Transportation charges by rail ship, road transport	(Rs.)	63,20,45,436	9,56,49,677	-	-	-	
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)	-	-	-	-	-	
14	Demurrage Charges, if any	(Rs.)	1,27,893	-	-	-	-	
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	-	-	-	-	-	
16	Total Transportation Charges (12+13+14+15)	(Rs.)	63,19,17,543	9,56,49,677	-	-	-	
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	1,91,09,07,707	24,95,95,168	-	3,15,80,79,751	-	
E) TOTAL COST								
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	4,350	3,852	-	14,890	-	
19	Blending Ratio	%	56.00%	25.00%	0.00%	19.00%	0.00%	
20	Weighted average cost of coal	Rs./MT	6228.14					

Details of Source wise Fuel for Computation of Energy Charges								
Name of the Company :		NTPC Limited						
Name of the Power Station :		Tanda Super Thermal Power Station Stage-II						
S. No.	Month	Unit	Apr-23					
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass	
F) QUALITY								
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4197	4601				
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	4306	4472				
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)				5201		
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				5178		
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	4521					
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	3613	3873				
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3583	3601				
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)	-	-	-	4900	-	
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)	-	-	-	4963	-	
30	Weighted average GCV of coal/ Lignite as Received	(kCal/Kg)	3906.00					

(Petitioner)

Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	May-23				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
A) OPENING QUANTITY							
1	Opening Quantity of Coal/ Lignite	(MT)	3,55,286	1,90,692	-	1,79,918	-
2	Value of Stock	(Rs.)	1,54,55,22,305	73,45,56,586	-	2,67,89,57,711	-
B) QUANTITY							
3	Quantity of Coal supplied by Coal Company	(MT)	4,02,236	45,635	-	1,05,692	-
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-	-	-	-
5	Coal supplied by Coal Company (3+4)	(MT)	4,02,236	45,635	-	1,05,692	-
6	Normative Transit & Handling Losses	(MT)	3,218	365	-	211	-
7	Net coal / Lignite Supplied (5-6)	(MT)	3,99,018	45,270	-	1,05,481	-
C) PRICE							
8	Amount charged by the Coal Company	(Rs.)	1,06,96,25,872	10,66,93,156	-	1,54,32,30,620	-
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	5,42,19,585	-	-	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	1,69,28,709	13,12,354	-	30,39,474	-
11	Total amount Charged (8+9+10)	(Rs.)	1,14,07,74,165	10,80,05,510	-	1,54,62,70,094	-
D) TRANSPORTATION							
12	Transportation charges by rail ship, road transport	(Rs.)	60,12,01,146	6,62,73,386	-	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)	-	-	-	-	-
14	Demurrage Charges, if any	(Rs.)	-	11,76,202	-	-	-
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	-	-	-	-	-
16	Total Transportation Charges (12+13+14+15)	(Rs.)	60,12,01,146	6,50,97,184	-	-	-
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	1,74,19,75,311	17,31,02,694	-	1,54,62,70,094	-
E) TOTAL COST							
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	4,358	3,847	-	14,805	-
19	Blending Ratio	%	53.48%	27.59%	0.00%	18.93%	0.00%
20	Weighted average cost of coal	Rs./MT	6194.26				

S. No.		Month	Unit	May-23				
				Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
F) QUALITY								
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company		(kCal/Kg)	4273	4575			
22	GCV of Domestic Coal supplied as per bill Coal Company		(kCal/Kg)	4418	4601			
23	GCV of Imported Coal of the opening stock as per bill of Coal Company		(kCal/Kg)				5183	
24	GCV of Imported Coal supplied as per bill Coal Company		(kCal/Kg)				5086	
25	Weighted average GCV of coal/ Lignite as Billed		(kCal/Kg)	4564				
26	GCV of Domestic Coal of opening stock as received at Station		(kCal/Kg)	3592	3818			
27	GCV of Domestic Coal supplied as received at Station		(kCal/Kg)	3694	3596			
28	GCV of Imported Coal of opening stock as received at Station		(kCal/Kg)	-	-	-	4949	-
29	GCV of Imported Coal supplied as received at Station		(kCal/Kg)	-	-	-	4910	-
30	Weighted average GCV of coal/ Lignite as Received		(kCal/Kg)	3926.00				
				(Petitioner)				

			PART-I FORM- 12				
Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Jun-23				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
A) OPENING QUANTITY							
1	Opening Quantity of Coal/ Lignite	(MT)	5,17,123	1,30,362	-	2,04,358	-
2	Value of Stock	(Rs.)	2,25,37,86,683	50,14,54,518	-	3,02,54,57,008	-
B) QUANTITY							
3	Quantity of Coal supplied by Coal Company	(MT)	57,714	38,068	-	39,915	-
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-71	-	-	-
5	Coal supplied by Coal Company (3+4)	(MT)	57,714	37,997	-	39,915	-
6	Normative Transit & Handling Losses	(MT)	3,208	305	-	80	-
7	Net coal / Lignite Supplied (5-6)	(MT)	3,97,849	37,693	-	39,835	-
C) PRICE							
8	Amount charged by the Coal Company	(Rs.)	1,09,31,81,023	9,65,51,623	-	58,59,20,557	-
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	6,98,89,488	-1,71,221	-	-3,87,64,775	-
10	Handling, Sampling and such other similar charges	(Rs.)	2,98,40,853	28,32,469	-	29,69,867	-
11	Total amount Charged (8+9+10)	(Rs.)	1,19,29,11,364	9,92,12,871	-	55,01,25,649	-
D) TRANSPORTATION							
12	Transportation charges by rail ship, road transport	(Rs.)	63,45,34,477	5,44,87,734	-	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)	-	-	-	-	-
14	Demurrage Charges, if any	(Rs.)	8,59,856	-	-	-	-
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	-	-	-	-	-
16	Total Transportation Charges (12+13+14+15)	(Rs.)	63,36,74,621	5,44,87,734	-	-	-
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	1,82,65,85,985	15,37,00,605	-	55,01,25,649	-
E) TOTAL COST							
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	4,460	3,898	-	14,642	-
19	Blending Ratio	%	61.50%	21.00%	0.00%	17.50%	0.00%
20	Weighted average cost of coal	Rs./MT	6123.72				

			PART-I FORM- 12					
Details of Source wise Fuel for Computation of Energy Charges								
Name of the Company :			NTPC Limited					
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II					
S. No.	Month	Unit	Jun-23					
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass	
F) QUALITY								
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4351	4580				
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	4487	4601				
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)				5147		
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				5081		
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	4574					
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	3646	3776				
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3639	3546				
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)	-	-	-	4935	-	
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)	-	-	-	4971	-	
30	Weighted average GCV of coal/ Lignite as Received	(kCal/Kg)	3887.00					
							(Petitioner)	

			PART-I FORM- 12				
Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Jul-23				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
A) OPENING QUANTITY							
1	Opening Quantity of Coal/ Lignite	(MT)	5,86,007	74,053	-	1,51,877	-
2	Value of Stock	(Rs.)	2,61,33,33,841	28,86,95,045	-	2,22,38,51,228	-
B) QUANTITY							
3	Quantity of Coal supplied by Coal Company	(MT)	3,84,090	31,012	-	31,652	-
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-	-	-	-
5	Coal supplied by Coal Company (3+4)	(MT)	3,84,090	31,012	-	31,652	-
6	Normative Transit & Handling Losses	(MT)	3,073	248	-	63	-
7	Net coal / Lignite Supplied (5-6)	(MT)	3,81,017	30,764	-	31,589	-
C) PRICE							
8	Amount charged by the Coal Company	(Rs.)	1,12,47,01,382	10,66,60,306	-	46,18,86,933	-
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	6,46,76,648	-	-	-2,98,830	-
10	Handling, Sampling and such other similar charges	(Rs.)	44,50,714	3,59,375	-	3,66,789	-
11	Total amount Charged (8+9+10)	(Rs.)	1,19,38,28,743	10,70,19,681	-	46,19,54,892	-
D) TRANSPORTATION							
12	Transportation charges by rail ship, road transport	(Rs.)	50,85,42,013	1,38,63,324	-	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)	-	-	-	-	-
14	Demurrage Charges, if any	(Rs.)	5,72,421	-	-	-	-
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	-	-	-	-	-
16	Total Transportation Charges (12+13+14+15)	(Rs.)	50,79,69,592	1,38,63,324	-	-	-
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	1,70,17,98,335	12,08,83,005	-	46,19,54,892	-
E) TOTAL COST							
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	4,462	3,908	-	14,639	-
19	Blending Ratio	%	75.54%	10.00%	0.00%	14.46%	0.00%
20	Weighted average cost of coal	Rs./MT	5878.38				

			PART-I FORM- 12				
Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Jul-23				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
F) QUALITY							
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4411	4585			
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	4360	4601			
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)				5136	
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				5049	
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	4516				
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	3643	3725			
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3608	3381			
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)	-	-	-	4941	-
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)	-	-	-	4833	-
30	Weighted average GCV of coal/ Lignite as Received	(kCal/Kg)	3815.00				
(Petitioner)							

Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Aug-23				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
A) OPENING QUANTITY							
1	Opening Quantity of Coal/ Lignite	(MT)	5,55,072	47,694	-	99,227	-
2	Value of Stock	(Rs.)	2,47,68,87,830	18,63,64,306	-	1,45,26,08,292	-
B) QUANTITY							
3	Quantity of Coal supplied by Coal Company	(MT)	4,55,393	44,299	-	67,905	-
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-	-	-	-
5	Coal supplied by Coal Company (3+4)	(MT)	4,55,393	44,299	-	67,905	-
6	Normative Transit & Handling Losses	(MT)	3,643	354	-	136	-
7	Net coal / Lignite Supplied (5-6)	(MT)	4,51,750	43,945	-	67,769	-
C) PRICE							
8	Amount charged by the Coal Company	(Rs.)	1,31,11,23,795	15,37,21,880	-	99,45,45,576	-
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	8,25,95,769	-	-	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	1,37,37,391	13,36,337	-	20,48,420	-
11	Total amount Charged (8+9+10)	(Rs.)	1,40,74,56,955	15,50,58,217	-	99,65,93,996	-
D) TRANSPORTATION							
12	Transportation charges by rail ship, road transport	(Rs.)	65,16,24,007	1,98,79,803	-	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)	-	-	-	-	-
14	Demurrage Charges, if any	(Rs.)	1,09,463	-	-	-	-
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	-	-	-	-	-
16	Total Transportation Charges (12+13+14+15)	(Rs.)	65,15,14,544	1,98,79,803	-	-	-
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	2,05,89,71,500	17,49,38,020	-	99,65,93,996	-
E) TOTAL COST							
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	4,505	3,943	-	14,666	-
19	Blending Ratio	%	72.46%	12.27%	0.00%	15.27%	0.00%
20	Weighted average cost of coal	Rs./MT	5987.26				

			PART-I FORM- 12					
Details of Source wise Fuel for Computation of Energy Charges								
Name of the Company :			NTPC Limited					
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II					
S. No.	Month	Unit	Aug-23					
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass	
F) QUALITY								
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4375	4632				
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	4383	4601				
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)				5121		
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				4777		
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	4500					
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	3634	3620				
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3607	3655				
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)	-	-	-	4922	-	
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)	-	-	-	4827	-	
30	Weighted average GCV of coal/ Lignite as Received	(kCal/Kg)	3816.00					
							(Petitioner)	

			PART-I FORM- 12				
Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Sep-23				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
A) OPENING QUANTITY							
1	Opening Quantity of Coal/ Lignite	(MT)	5,15,471	29,639	-	58,859	-
2	Value of Stock	(Rs.)	2,32,22,62,147	11,68,55,856	-	86,32,38,745	-
B) QUANTITY							
3	Quantity of Coal supplied by Coal Company	(MT)	3,88,367	19,432	-	55,853	-
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-288	-	-	-
5	Coal supplied by Coal Company (3+4)	(MT)	3,88,367	19,144	-	55,853	-
6	Normative Transit & Handling Losses	(MT)	3,107	155	-	112	-
7	Net coal / Lignite Supplied (5-6)	(MT)	3,85,260	18,989	-	55,742	-
C) PRICE							
8	Amount charged by the Coal Company	(Rs.)	1,29,08,74,526	5,22,55,566	-	79,08,85,739	-
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	3,65,82,221	-7,21,103	-	-3,58,96,499	-
10	Handling, Sampling and such other similar charges	(Rs.)	2,07,68,120	10,39,118	-	29,86,786	-
11	Total amount Charged (8+9+10)	(Rs.)	1,34,82,24,867	5,25,73,581	-	75,79,76,027	-
D) TRANSPORTATION							
12	Transportation charges by rail ship, road transport	(Rs.)	51,15,98,384	84,61,880	-	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)	-	-	-	-	-
14	Demurrage Charges, if any	(Rs.)	3,23,665	-	-	-	-
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	-	-	-	-	-
16	Total Transportation Charges (12+13+14+15)	(Rs.)	51,12,74,719	84,61,880	-	-	-
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	1,85,94,99,586	6,10,35,461	-	75,79,76,027	-
E) TOTAL COST							
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	4,643	3,658	-	14,147	-
19	Blending Ratio	%	81.00%	4.05%	0.00%	14.95%	0.00%
20	Weighted average cost of coal	Rs./MT	6023.16				

			PART-I FORM- 12				
Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Sep-23				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
F)	QUALITY						
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4379	4617			
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	4692	4601			
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)				4980	
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				4763	
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	4571				
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	3616	3671			
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3617	3544			
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)	-	-	-	4879	-
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)	-	-	-	4838	-
30	Weighted average GCV of coal/ Lignite as Received	(kCal/Kg)	3802.00				
			(Petitioner)				

			PART-I FORM- 12				
Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Oct-23				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
A) OPENING QUANTITY							
1	Opening Quantity of Coal/ Lignite	(MT)	3,76,643	28,627	-	10,023	-
2	Value of Stock	(Rs.)	1,74,86,11,468	10,47,25,977	-	14,17,85,967	-
B) QUANTITY							
3	Quantity of Coal supplied by Coal Company	(MT)	4,52,502	1,26,937	-	15,790	-
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-3,090	-	-	-
5	Coal supplied by Coal Company (3+4)	(MT)	4,52,502	1,23,848	-	15,790	-
6	Normative Transit & Handling Losses	(MT)	3,620	1,016	-	32	-
7	Net coal / Lignite Supplied (5-6)	(MT)	4,48,882	1,22,832	-	15,759	-
C) PRICE							
8	Amount charged by the Coal Company	(Rs.)	1,37,77,58,482	35,78,60,644	-	20,18,97,514	-
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	3,53,91,826	-77,41,074	-	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	1,37,10,017	38,47,415	-	4,78,597	-
11	Total amount Charged (8+9+10)	(Rs.)	1,42,68,60,325	35,39,66,985	-	20,23,76,111	-
D) TRANSPORTATION							
12	Transportation charges by rail ship, road transport	(Rs.)	54,13,66,536	13,21,68,109	-	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)	-	-	-	-	-
14	Demurrage Charges, if any	(Rs.)	-	-	-	-	-
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	-	-	-	-	-
16	Total Transportation Charges (12+13+14+15)	(Rs.)	54,13,66,536	13,21,68,109	-	-	-
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	1,96,82,26,861	48,61,35,094	-	20,23,76,111	-
E) TOTAL COST							
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	4,502	3,901	-	13,349	-
19	Blending Ratio	%	98.15%	0.00%	0.00%	1.85%	0.00%
20	Weighted average cost of coal	Rs./MT	4666.43				

			PART-I FORM- 12				
Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Oct-23				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
F) QUALITY							
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4519	4611			
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	4354	4601			
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)				4873	
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				4749	
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	4436				
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	3634	3684			
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3757	4084			
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)	-	-	-	4859	-
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)	-	-	-	4927	-
30	Weighted average GCV of coal/ Lignite as Received	(kCal/Kg)	3723.00				
			(Petitioner)				

			PART-I FORM- 12				
Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Nov-23				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
A) OPENING QUANTITY							
1	Opening Quantity of Coal/ Lignite	(MT)	2,49,091	1,41,459	-	5,781	-
2	Value of Stock	(Rs.)	1,12,15,04,769	55,18,49,881	-	7,71,76,241	-
B) QUANTITY							
3	Quantity of Coal supplied by Coal Company	(MT)	3,86,490	1,22,191	-	73,029	-
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-	-	-	-
5	Coal supplied by Coal Company (3+4)	(MT)	3,86,490	1,22,191	-	73,029	-
6	Normative Transit & Handling Losses	(MT)	3,092	978	-	146	-
7	Net coal / Lignite Supplied (5-6)	(MT)	3,83,398	1,21,213	-	72,883	-
C) PRICE							
8	Amount charged by the Coal Company	(Rs.)	1,24,25,65,718	33,03,42,967	-	97,46,36,535	-
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	4,01,77,265	-	-	-4,81,84,289	-
10	Handling, Sampling and such other similar charges	(Rs.)	20,69,217	5,45,725	-	3,22,777	-
11	Total amount Charged (8+9+10)	(Rs.)	1,28,48,12,200	33,08,88,692	-	92,67,75,023	-
D) TRANSPORTATION							
12	Transportation charges by rail ship, road transport	(Rs.)	51,44,04,242	14,91,76,125	-	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)	-	-	-	-	-
14	Demurrage Charges, if any	(Rs.)	67,725	-	-	-	-
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	-	-	-	-	-
16	Total Transportation Charges (12+13+14+15)	(Rs.)	51,43,36,517	14,91,76,125	-	-	-
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	1,79,91,48,718	48,00,64,817	-	92,67,75,023	-
E) TOTAL COST							
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	4,618	3,929	-	12,762	-
19	Blending Ratio	%	64.52%	22.33%	0.00%	13.15%	0.00%
20	Weighted average cost of coal	Rs./MT	5534.60				

			PART-I FORM- 12				
Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Nov-23				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
F)	QUALITY						
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4430	4603			
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	4206	3763			
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)				4793	
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				4614	
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	4320				
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	3779	4083			
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3599	3567			
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)	-	-	-	4903	-
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)	-	-	-	4764	-
30	Weighted average GCV of coal/ Lignite as Received	(kCal/Kg)	3854.00				
			(Petitioner)				

			PART-I FORM- 12				
Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Dec-23				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
A) OPENING QUANTITY							
1	Opening Quantity of Coal/ Lignite	(MT)	2,64,558	1,34,530	-	4,794	-
2	Value of Stock	(Rs.)	1,18,64,70,242	61,78,29,364	-	6,11,76,888	-
B) QUANTITY							
3	Quantity of Coal supplied by Coal Company	(MT)	3,25,961	3,89,891	-	81,240	-
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-8,799	-	-	-
5	Coal supplied by Coal Company (3+4)	(MT)	3,25,961	3,81,092	-	81,240	-
6	Normative Transit & Handling Losses	(MT)	2,608	3,119	-	162	-
7	Net coal / Lignite Supplied (5-6)	(MT)	3,23,354	3,77,973	-	81,078	-
C) PRICE							
8	Amount charged by the Coal Company	(Rs.)	91,16,80,500	1,03,79,37,938	-	1,10,52,47,846	-
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	6,09,82,798	-2,20,95,157	-	-1,67,95,374	-
10	Handling, Sampling and such other similar charges	(Rs.)	1,14,47,450	1,21,33,363	-	25,28,192	-
11	Total amount Charged (8+9+10)	(Rs.)	98,41,10,748	1,02,79,76,143	-	1,09,09,80,664	-
D) TRANSPORTATION							
12	Transportation charges by rail ship, road transport	(Rs.)	36,97,15,702	47,35,18,930	-	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)	-	-	-	-	-
14	Demurrage Charges, if any	(Rs.)	92,454	-	-	-	-
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	-	-	-	-	-
16	Total Transportation Charges (12+13+14+15)	(Rs.)	36,96,23,248	47,35,18,930	-	-	-
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	1,35,37,33,997	1,50,14,95,074	-	1,09,09,80,664	-
E) TOTAL COST							
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	4,321	4,135	-	13,417	-
19	Blending Ratio	%	69.19%	20.00%	0.00%	10.81%	0.00%
20	Weighted average cost of coal	Rs./MT	5266.94				

			PART-I FORM- 12				
Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Dec-23				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
F)	QUALITY						
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4294	4223			
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	3959	4051			
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)				4625	
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				4632	
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	4164				
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	3761	4001			
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3487	3728			
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)	-	-	-	4772	-
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)	-	-	-	4849	-
30	Weighted average GCV of coal/ Lignite as Received	(kCal/Kg)	3782.00				
			(Petitioner)				

Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Jan-24				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
A) OPENING QUANTITY							
1	Opening Quantity of Coal/ Lignite	(MT)	1,69,761	4,01,530	-	11,733	-
2	Value of Stock	(Rs.)	73,34,90,014	1,66,04,27,585	-	15,74,30,224	-
B) QUANTITY							
3	Quantity of Coal supplied by Coal Company	(MT)	4,38,552	1,95,038	-	1,05,835	-
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-7,924	-	-	-
5	Coal supplied by Coal Company (3+4)	(MT)	4,38,552	1,87,113	-	1,05,835	-
6	Normative Transit & Handling Losses	(MT)	3,508	1,497	-	212	-
7	Net coal / Lignite Supplied (5-6)	(MT)	4,35,044	1,85,616	-	1,05,623	-
C) PRICE							
8	Amount charged by the Coal Company	(Rs.)	1,34,13,38,526	53,63,93,236	-	1,50,21,49,957	-
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	2,98,35,335	-1,98,74,423	-	-	-
10	Handling, Sampling and such other similar charges	(Rs.)	1,50,96,858	67,24,121	-	36,48,756	-
11	Total amount Charged (8+9+10)	(Rs.)	1,38,62,70,720	52,32,42,933	-	1,50,57,98,713	-
D) TRANSPORTATION							
12	Transportation charges by rail ship, road transport	(Rs.)	60,62,79,320	22,25,98,609	-	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)	-	-	-	-	-
14	Demurrage Charges, if any	(Rs.)	2,08,846	-	-	-	-
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	-	-	-	-	-
16	Total Transportation Charges (12+13+14+15)	(Rs.)	60,60,70,474	22,25,98,609	-	-	-
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	1,99,23,41,194	74,58,41,542	-	1,50,57,98,713	-
E) TOTAL COST							
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	4,507	4,098	-	14,172	-
19	Blending Ratio	%	55.30%	32.97%	0.00%	11.73%	0.00%
20	Weighted average cost of coal	Rs./MT	5506.26				

S. No.		Month	Unit	Jan-24				
				Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
F) QUALITY								
21		GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4105	4102			
22		GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	4251	4269			
23		GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)				4632	
24		GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				4635	
25		Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	4242				
26		GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	3620	3843			
27		GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3516	3715			
28		GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)	-	-	-	4887	-
29		GCV of Imported Coal supplied as received at Station	(kCal/Kg)	-	-	-	4831	-
30		Weighted average GCV of coal/ Lignite as Received	(kCal/Kg)	3782.00				
				(Petitioner)				

Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Feb-24				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
A) OPENING QUANTITY							
1	Opening Quantity of Coal/ Lignite	(MT)	3,31,989	4,27,149	-	46,946	-
2	Value of Stock	(Rs.)	1,49,62,59,863	1,75,05,58,604	-	66,53,34,039	-
B) QUANTITY							
3	Quantity of Coal supplied by Coal Company	(MT)	4,27,290	1,74,661	-	16,333	-
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-3,201	-	-	-
5	Coal supplied by Coal Company (3+4)	(MT)	4,27,290	1,71,460	-	16,333	-
6	Normative Transit & Handling Losses	(MT)	3,418	1,372	-	33	-
7	Net coal / Lignite Supplied (5-6)	(MT)	4,23,872	1,70,088	-	16,300	-
C) PRICE							
8	Amount charged by the Coal Company	(Rs.)	1,36,04,52,008	45,18,56,373	-	23,21,10,457	-
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	19,12,508	-78,49,445	-	-3,68,07,697	-
10	Handling, Sampling and such other similar charges	(Rs.)	1,65,65,951	60,24,059	-	5,63,311	-
11	Total amount Charged (8+9+10)	(Rs.)	1,37,89,30,467	45,00,30,987	-	19,58,66,071	-
D) TRANSPORTATION							
12	Transportation charges by rail ship, road transport	(Rs.)	61,75,51,154	23,25,49,203	-	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)	-	-	-	-	-
14	Demurrage Charges, if any	(Rs.)	2,27,432	-	-	-	-
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	-	-	-	-	-
16	Total Transportation Charges (12+13+14+15)	(Rs.)	61,73,23,722	23,25,49,203	-	-	-
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	1,99,62,54,189	68,25,80,190	-	19,58,66,071	-
E) TOTAL COST							
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	4,621	4,074	-	13,617	-
19	Blending Ratio	%	56.22%	35.39%	0.00%	8.39%	0.00%
20	Weighted average cost of coal	Rs./MT	5181.91				

			PART-I FORM- 12				
Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Feb-24				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
F) QUALITY							
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4214	4152			
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	3902	4151			
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)				4635	
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				4901	
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	4135				
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	3639	3843			
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3131	3555			
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)	-	-	-	4924	-
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)	-	-	-	4964	-
30	Weighted average GCV of coal/ Lignite as Received	(kCal/Kg)	3631.00				
			(Petitioner)				

			PART-I FORM- 12				
Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Mar-24				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
A) OPENING QUANTITY							
1	Opening Quantity of Coal/ Lignite	(MT)	4,38,732	4,01,270	-	5,235	-
2	Value of Stock	(Rs.)	2,02,71,94,454	1,63,47,71,000	-	7,12,78,187	-
B) QUANTITY							
3	Quantity of Coal supplied by Coal Company	(MT)	5,51,675	1,40,572	-	-	350
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-	-2,543	-	-	-
5	Coal supplied by Coal Company (3+4)	(MT)	5,51,675	1,38,029	-	-	350
6	Normative Transit & Handling Losses	(MT)	4,413	1,104	-	-	-
7	Net coal / Lignite Supplied (5-6)	(MT)	5,47,262	1,36,925	-	-	350
C) PRICE							
8	Amount charged by the Coal Company	(Rs.)	2,08,61,25,292	33,28,08,265	-	-	40,68,565
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	39,81,855	-64,02,571	-	-12,52,724	-
10	Handling, Sampling and such other similar charges	(Rs.)	3,21,42,112	81,90,125	-	-	20,417
11	Total amount Charged (8+9+10)	(Rs.)	2,12,22,49,259	33,45,95,819	-	-12,52,724	40,88,982
D) TRANSPORTATION							
12	Transportation charges by rail ship, road transport	(Rs.)	77,14,41,942	22,46,33,383	-	-	-
13	Adjustment (+/-) in amount charged made by Railways/ Transport Company	(Rs.)	-	-	-	-	-
14	Demurrage Charges, if any	(Rs.)	3,47,292	-	-	-	-
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	-	-	-	-	-
16	Total Transportation Charges (12+13+14+15)	(Rs.)	77,10,94,650	22,46,33,383	-	-	-
17	Total amount Charged for coal supplied including Transportation (11+16)	(Rs.)	2,89,33,43,909	55,92,29,202	-	-12,52,724	40,88,982
E) TOTAL COST							
18	Landed cost of coal (2+17)/(1+7)	Rs./MT	4,990	4,077	-	13,377	-
19	Blending Ratio	%	100.00%	0.00%	0.00%	0.00%	0.00%
20	Weighted average cost of coal	Rs./MT	4990.44				

			PART-I FORM- 12				
Details of Source wise Fuel for Computation of Energy Charges							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II				
S. No.	Month	Unit	Mar-24				
			Domestic Coal-FSA	Domestic Coal-NTPC Mines	E-Auction Coal	Imported Coal	Bio-Mass
F) QUALITY							
21	GCV of Domestic Coal of the opening stock as per bill of Coal Company	(kCal/Kg)	4036	4152			
22	GCV of Domestic Coal supplied as per bill Coal Company	(kCal/Kg)	4601	3783			3410
23	GCV of Imported Coal of the opening stock as per bill of Coal Company	(kCal/Kg)				4706	
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)					
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	4350				
26	GCV of Domestic Coal of opening stock as received at Station	(kCal/Kg)	3406	3776			
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3731	3624			3410
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)	-	-	-	4935	-
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)	-	-	-		-
30	Weighted average GCV of coal/ Lignite as Received	(kCal/Kg)	3586.00				
			(Petitioner)				

Details of Secondary Fuel for Computation of Energy Charges

Name of the Company : NTPC Limited
Name of the Power Station : Tanda Super Thermal Power Station Stage-II

Amt in Rs

Sl.No.	Month	Unit	Apr-23	
			HFO	LDO
1	Opening Quantity of Oil	KL	0	4,980.13
2	Value of Opening	(Rs)	-	43,49,02,434.45
3	Quantity of Oil supplied by Oil Company	KL	-	3,034.91
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL		
5	Oil supplied by oil company (3+4)	KL	-	3,034.91
6	Normative Transit & Handling Losses	KL	-	
7	Net Oil Supplied (5-6)	KL	-	3,034.91
8	Amount charged by the Oil Company	(Rs)	-	23,06,12,622.00
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)	-	
10	Handling, Sampling and such other Similar Charges	(Rs)	-	
11	Total amount charged (8+9+10)	(Rs)	-	23,06,12,622.00
12	Transportation charges by rail / ship / road transport			
	By Rail	(Rs)	-	
	By Road	(Rs)	-	
	By Ship	(Rs)	-	
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)	-	
14	Demurrage Charges, if any	(Rs)	-	
15	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs)	-	
16	Total Transportation Charges (12+/-13-14+15)	(Rs)	-	-
17	Total amount Charged for fuel supplied including Transportation (11+16)	(Rs)	-	23,06,12,622.00
18	Landed Cost of Oil (LDO/HFO) (2+17)/(1+7)	(Rs)		83,033.31
19	Blending Ratio		-	100%
20	Weighted average cost of Secondary Fuel/ For Month	(kCal/Ltr)	83033.31	
21	GCV of Oil of the Opening stock as per bill of Oil company	(kCal/Ltr)		
22	GCV of oil supplied as per bill of oil company	(kCal/Ltr)		
23	GCV if Imported coal of the opening stock as per bill of Oil company	(kCal/Ltr)		
24	GCV of Imported Oil supplied as per bill of coal company	(kCal/Ltr)		
25	Weighted average GCV if Oil as billed	(kCal/Ltr)		
26	GCV of Oil of the Opening stock as received at station	(kCal/Ltr)		
27	GCV of Oil supplied	(kCal/Ltr)		
28	GCV of Imported coal of the Opening stock as received at station	(kCal/Ltr)		
29	GCV of Imported coal supplied as received at station	(kCal/Ltr)		
30	Weighted Average GCV of Secondary Fuel/ as received	(kCal/Ltr)	9380.00	

Details of Secondary Fuel for Computation of Energy Charges

Name of the Company :	NTPC Limited
Name of the Power Station :	Tanda Super Thermal Power Station Stage-II
	Amt in Rs

Sl.No.	Month	Unit	May-23	
			HFO	LDO
1	Opening Quantity of Oil	KL		7,470.037
2	Value of Opening	(Rs)		62,02,61,901.958
3	Quantity of Oil supplied by Oil Company	KL		-
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL		
5	Oil supplied by oil company (3+4)	KL		-
6	Normative Transit & Handling Losses	KL		
7	Net Oil Supplied (5-6)	KL		-
8	Amount charged by the Oil Company	(Rs)		-
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)		
10	Handling, Sampling and such other Similar Charges	(Rs)		
11	Total amount charged (8+9+10)	(Rs)		-
12	Transportation charges by rail / ship / road transport			
	By Rail	(Rs)		
	By Road	(Rs)		
	By Ship	(Rs)		
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)		
14	Demurrage Charges, if any	(Rs)		
15	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs)		
16	Total Transportation Charges (12+/-13-14+15)	(Rs)	-	-
17	Total amount Charged for fuel supplied including Transportation (11+16)	(Rs)	-	-
18	Landed Cost of Oil (LDO/HFO) (2+17)/(1+7)	(Rs)		83,033.31
19	Blending Ratio		-	100%
20	Weighted average cost of Secondary Fuel/ For Month	(kCal/Ltr)	83033.31	
21	GCV of Oil of the Opening stock as per bill of Oil company	(kCal/Ltr)		
22	GCV of oil supplied as per bill of oil company	(kCal/Ltr)		
23	GCV if Imported coal of the opening stock as per bill of Oil company	(kCal/Ltr)		
24	GCV of Imported Oil supplied as per bill of coal company	(kCal/Ltr)		
25	Weighted average GCV if Oil as billed	(kCal/Ltr)		
26	GCV of Oil of the Opening stock as received at station	(kCal/Ltr)		
27	GCV of Oil supplied	(kCal/Ltr)		
28	GCV of Imported coal of the Opening stock as received at station	(kCal/Ltr)		
29	GCV of Imported coal supplied as received at station	(kCal/Ltr)		
30	Weighted Average GCV of Secondary Fuel/ as received	(kCal/Ltr)	9380.00	

Petitioner

			PART-I FORM- 12	
Details of Secondary Fuel for Computation of Energy Charges				
Name of the Company :			NTPC Limited	
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II	
			Amt in Rs	
SI.No.	Month	Unit	Jun-23	
			HFO	LDO
1	Opening Quantity of Oil	KL		6,404.04
2	Value of Opening	(Rs)		53,17,48,392.43
3	Quantity of Oil supplied by Oil Company	KL	-	-
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL		
5	Oil supplied by oil company (3+4)	KL	-	-
6	Normative Transit & Handling Losses	KL	-	
7	Net Oil Supplied (5-6)	KL	-	-
8	Amount charged by the Oil Company	(Rs)	-	-
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)		
10	Handling, Sampling and such other Similar Charges	(Rs)		
11	Total amount charged (8+9+10)	(Rs)	-	-
12	Transportation charges by rail / ship / road transport			
	By Rail	(Rs)		
	By Road	(Rs)		
	By Ship	(Rs)		
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)		
14	Demurrage Charges, if any	(Rs)		
15	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs)		
16	Total Transportation Charges (12+/-13-14+15)	(Rs)	-	-
17	Total amount Charged for fuel supplied including Transportation (11+16)	(Rs)	-	-
18	Landed Cost of Oil (LDO/HFO) (2+17)/(1+7)	(Rs)		83,033.31
19	Blending Ratio		-	100%
20	Weighted average cost of Secondary Fuel/ For Month	(kCal/Ltr)	83033.31	
21	GCV of Oil of the Opening stock as per bill of Oil company	(kCal/Ltr)		
22	GCV of oil supplied as per bill of oil company	(kCal/Ltr)		
23	GCV if Imported coal of the opening stock as per bill of Oil company	(kCal/Ltr)		
24	GCV of Imported Oil supplied as per bill of coal company	(kCal/Ltr)		
25	Weighted average GCV if Oil as billed	(kCal/Ltr)		
26	GCV of Oil of the Opening stock as received at station	(kCal/Ltr)		
27	GCV of Oil supplied	(kCal/Ltr)		
28	GCV of Imported coal of the Opening stock as received at station	(kCal/Ltr)		
29	GCV of Imported coal supplied as received at station	(kCal/Ltr)		
30	Weighted Average GCV of Secondary Fuel/ as received	(kCal/Ltr)	9380.00	
			Petitioner	

			PART-I FORM- 12	
Details of Secondary Fuel for Computation of Energy Charges				
Name of the Company :			NTPC Limited	
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II	
			Amt in Rs	
SI.No.	Month	Unit	Jul-23	
			HFO	LDO
1	Opening Quantity of Oil	KL		5,933.04
2	Value of Opening	(Rs)		49,26,39,703.42
3	Quantity of Oil supplied by Oil Company	KL	-	-
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL		
5	Oil supplied by oil company (3+4)	KL	-	-
6	Normative Transit & Handling Losses	KL	-	
7	Net Oil Supplied (5-6)	KL	-	-
8	Amount charged by the Oil Company	(Rs)	-	-
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)		
10	Handling, Sampling and such other Similar Charges	(Rs)		
11	Total amount charged (8+9+10)	(Rs)	-	-
12	Transportation charges by rail / ship / road transport			
	By Rail	(Rs)		
	By Road	(Rs)		
	By Ship	(Rs)		
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)		
14	Demurrage Charges, if any	(Rs)		
15	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs)		
16	Total Transportation Charges (12+/-13-14+15)	(Rs)	-	-
17	Total amount Charged for fuel supplied including Transportation (11+16)	(Rs)	-	-
18	Landed Cost of Oil (LDO/HFO) (2+17)/(1+7)	(Rs)		83,033.31
19	Blending Ratio		-	100%
20	Weighted average cost of Secondary Fuel/ For Month	(kCal/Ltr)	83033.31	
21	GCV of Oil of the Opening stock as per bill of Oil company	(kCal/Ltr)		
22	GCV of oil supplied as per bill of oil company	(kCal/Ltr)		
23	GCV if Imported coal of the opening stock as per bill of Oil company	(kCal/Ltr)		
24	GCV of Imported Oil supplied as per bill of coal company	(kCal/Ltr)		
25	Weighted average GCV if Oil as billed	(kCal/Ltr)		
26	GCV of Oil of the Opening stock as received at station	(kCal/Ltr)		
27	GCV of Oil supplied	(kCal/Ltr)		
28	GCV of Imported coal of the Opening stock as received at station	(kCal/Ltr)		
29	GCV of Imported coal supplied as received at station	(kCal/Ltr)		
30	Weighted Average GCV of Secondary Fuel/ as received	(kCal/Ltr)	9380.00	
			Petitioner	

Details of Secondary Fuel for Computation of Energy Charges

Name of the Company :		NTPC Limited	
Name of the Power Station :		Tanda Super Thermal Power Station Stage-II	
		Amt in Rs	

Sl.No.	Month	Unit	Aug-23	
			HFO	LDO
1	Opening Quantity of Oil	KL		5,442.04
2	Value of Opening	(Rs)		45,18,70,348.21
3	Quantity of Oil supplied by Oil Company	KL		-
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL		
5	Oil supplied by oil company (3+4)	KL		-
6	Normative Transit & Handling Losses	KL		
7	Net Oil Supplied (5-6)	KL		-
8	Amount charged by the Oil Company	(Rs)		-
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)		
10	Handling, Sampling and such other Similar Charges	(Rs)		
11	Total amount charged (8+9+10)	(Rs)		-
12	Transportation charges by rail / ship / road transport			
	By Rail	(Rs)		
	By Road	(Rs)		
	By Ship	(Rs)		
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)		
14	Demurrage Charges, if any	(Rs)		
15	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs)		
16	Total Transportation Charges (12+/-13-14+15)	(Rs)	-	-
17	Total amount Charged for fuel supplied including Transportation (11+16)	(Rs)	-	-
18	Landed Cost of Oil (LDO/HFO) (2+17)/(1+7)	(Rs)		83,033.31
19	Blending Ratio		-	100%
20	Weighted average cost of Secondary Fuel/ For Month	(kCal/Ltr)	83033.31	
21	GCV of Oil of the Opening stock as per bill of Oil company	(kCal/Ltr)		
22	GCV of oil supplied as per bill of oil company	(kCal/Ltr)		
23	GCV if Imported coal of the opening stock as per bill of Oil company	(kCal/Ltr)		
24	GCV of Imported Oil supplied as per bill of coal company	(kCal/Ltr)		
25	Weighted average GCV if Oil as billed	(kCal/Ltr)		
26	GCV of Oil of the Opening stock as received at station	(kCal/Ltr)		
27	GCV of Oil supplied	(kCal/Ltr)		
28	GCV of Imported coal of the Opening stock as received at station	(kCal/Ltr)		
29	GCV of Imported coal supplied as received at station	(kCal/Ltr)		
30	Weighted Average GCV of Secondary Fuel/ as received	(kCal/Ltr)	9380.00	

			PART-I FORM- 12	
Details of Secondary Fuel for Computation of Energy Charges				
Name of the Company :			NTPC Limited	
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II	
			Amt in Rs	
SI.No.	Month	Unit	Sep-23	
			HFO	LDO
1	Opening Quantity of Oil	KL		5,115.04
2	Value of Opening	(Rs)		42,47,18,455.52
3	Quantity of Oil supplied by Oil Company	KL		
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL		
5	Oil supplied by oil company (3+4)	KL		-
6	Normative Transit & Handling Losses	KL		
7	Net Oil Supplied (5-6)	KL		-
8	Amount charged by the Oil Company	(Rs)		
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)		6,66,282.00
10	Handling, Sampling and such other Similar Charges	(Rs)		
11	Total amount charged (8+9+10)	(Rs)		6,66,282.00
12	Transportation charges by rail / ship / road transport			
	By Rail	(Rs)		
	By Road	(Rs)		
	By Ship	(Rs)		
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)		
14	Demurrage Charges, if any	(Rs)		
15	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs)		
16	Total Transportation Charges (12+/-13-14+15)	(Rs)	-	-
17	Total amount Charged for fuel supplied including Transportation (11+16)	(Rs)	-	6,66,282.00
18	Landed Cost of Oil (LDO/HFO) (2+17)/(1+7)	(Rs)		83,163.57
19	Blending Ratio		-	100%
20	Weighted average cost of Secondary Fuel/ For Month	(kCal/Ltr)	83163.57	
21	GCV of Oil of the Opening stock as per bill of Oil company	(kCal/Ltr)		
22	GCV of oil supplied as per bill of oil company	(kCal/Ltr)		
23	GCV if Imported coal of the opening stock as per bill of Oil company	(kCal/Ltr)		
24	GCV of Imported Oil supplied as per bill of coal company	(kCal/Ltr)		
25	Weighted average GCV if Oil as billed	(kCal/Ltr)		
26	GCV of Oil of the Opening stock as received at station	(kCal/Ltr)		
27	GCV of Oil supplied	(kCal/Ltr)		
28	GCV of Imported coal of the Opening stock as received at station	(kCal/Ltr)		
29	GCV of Imported coal supplied as received at station	(kCal/Ltr)		
30	Weighted Average GCV of Secondary Fuel/ as received	(kCal/Ltr)	9380.00	
			Petitioner	

**PART-I
FORM- 12**

Details of Secondary Fuel for Computation of Energy Charges

Name of the Company : NTPC Limited
Name of the Power Station : Tanda Super Thermal Power Station Stage-II
 Amt in Rs

Sl.No.	Month	Unit	Oct-23	
			HFO	LDO
1	Opening Quantity of Oil	KL		4,762.04
2	Value of Opening	(Rs)		39,60,27,997.31
3	Quantity of Oil supplied by Oil Company	KL	-	-
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL		
5	Oil supplied by oil company (3+4)	KL	-	-
6	Normative Transit & Handling Losses	KL	-	
7	Net Oil Supplied (5-6)	KL	-	-
8	Amount charged by the Oil Company	(Rs)	-	-
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)		
10	Handling, Sampling and such other Similar Charges	(Rs)		
11	Total amount charged (8+9+10)	(Rs)	-	-
12	Transportation charges by rail / ship / road transport			
	By Rail	(Rs)		
	By Road	(Rs)		
	By Ship	(Rs)		
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)		
14	Demurrage Charges, if any	(Rs)		
15	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs)		
16	Total Transportation Charges (12+/-13-14+15)	(Rs)	-	-
17	Total amount Charged for fuel supplied including Transportation (11+16)	(Rs)	-	-
18	Landed Cost of Oil (LDO/HFO) (2+17)/(1+7)	(Rs)		83,163.57
19	Blending Ratio		-	100%
20	Weighted average cost of Secondary Fuel/ For Month	(kCal/Ltr)	83163.57	
21	GCV of Oil of the Opening stock as per bill of Oil company	(kCal/Ltr)		
22	GCV of oil supplied as per bill of oil company	(kCal/Ltr)		
23	GCV if Imported coal of the opening stock as per bill of Oil company	(kCal/Ltr)		
24	GCV of Imported Oil supplied as per bill of coal company	(kCal/Ltr)		
25	Weighted average GCV if Oil as billed	(kCal/Ltr)		
26	GCV of Oil of the Opening stock as received at station	(kCal/Ltr)		
27	GCV of Oil supplied	(kCal/Ltr)		
28	GCV of Imported coal of the Opening stock as received at station	(kCal/Ltr)		
29	GCV of Imported coal supplied as received at station	(kCal/Ltr)		
30	Weighted Average GCV of Secondary Fuel/ as received	(kCal/Ltr)	9380.00	

Petitioner

			PART-I FORM- 12	
Details of Secondary Fuel for Computation of Energy Charges				
Name of the Company :			NTPC Limited	
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II	
			Amt in Rs	
SI.No.	Month	Unit	Nov-23	
			HFO	LDO
1	Opening Quantity of Oil	KL		3,400.04
2	Value of Opening	(Rs)		28,27,59,214.97
3	Quantity of Oil supplied by Oil Company	KL	-	-
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL		
5	Oil supplied by oil company (3+4)	KL	-	-
6	Normative Transit & Handling Losses	KL	-	
7	Net Oil Supplied (5-6)	KL	-	-
8	Amount charged by the Oil Company	(Rs)	-	-
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)		
10	Handling, Sampling and such other Similar Charges	(Rs)		
11	Total amount charged (8+9+10)	(Rs)	-	-
12	Transportation charges by rail / ship / road transport			
	By Rail	(Rs)		
	By Road	(Rs)		
	By Ship	(Rs)		
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)		
14	Demurrage Charges, if any	(Rs)		
15	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs)		
16	Total Transportation Charges (12+/-13-14+15)	(Rs)	-	-
17	Total amount Charged for fuel supplied including Transportation (11+16)	(Rs)	-	-
18	Landed Cost of Oil (LDO/HFO) (2+17)/(1+7)	(Rs)		83,163.57
19	Blending Ratio		-	100%
20	Weighted average cost of Secondary Fuel/ For Month	(kCal/Ltr)	83163.57	
21	GCV of Oil of the Opening stock as per bill of Oil company	(kCal/Ltr)		
22	GCV of oil supplied as per bill of oil company	(kCal/Ltr)		
23	GCV if Imported coal of the opening stock as per bill of Oil company	(kCal/Ltr)		
24	GCV of Imported Oil supplied as per bill of coal company	(kCal/Ltr)		
25	Weighted average GCV if Oil as billed	(kCal/Ltr)		
26	GCV of Oil of the Opening stock as received at station	(kCal/Ltr)		
27	GCV of Oil supplied	(kCal/Ltr)		
28	GCV of Imported coal of the Opening stock as received at station	(kCal/Ltr)		
29	GCV of Imported coal supplied as received at station	(kCal/Ltr)		
30	Weighted Average GCV of Secondary Fuel/ as received	(kCal/Ltr)	9380.00	
			Petitioner	

			PART-I FORM- 12	
Details of Secondary Fuel for Computation of Energy Charges				
Name of the Company :			NTPC Limited	
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II	
			Amt in Rs	
Sl.No.	Month	Unit	Dec-23	
			HFO	LDO
1	Opening Quantity of Oil	KL		2,827.04
2	Value of Opening	(Rs)		23,51,06,489.36
3	Quantity of Oil supplied by Oil Company	KL		3,097.62
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL		
5	Oil supplied by oil company (3+4)	KL		3,097.62
6	Normative Transit & Handling Losses	KL		
7	Net Oil Supplied (5-6)	KL		3,097.62
8	Amount charged by the Oil Company	(Rs)		27,51,49,937.55
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)		
10	Handling, Sampling and such other Similar Charges	(Rs)		
11	Total amount charged (8+9+10)	(Rs)		27,51,49,937.55
12	Transportation charges by rail / ship / road transport			
	By Rail	(Rs)		
	By Road	(Rs)		
	By Ship	(Rs)		
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)		
14	Demurrage Charges, if any	(Rs)		
15	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs)		
16	Total Transportation Charges (12+/-13-14+15)	(Rs)	-	-
17	Total amount Charged for fuel supplied including Transportation (11+16)	(Rs)	-	27,51,49,937.55
18	Landed Cost of Oil (LDO/HFO) (2+17)/(1+7)	(Rs)		86,124.214
19	Blending Ratio		-	100%
20	Weighted average cost of Secondary Fuel/ For Month	(kCal/Ltr)	86124.21	
21	GCV of Oil of the Opening stock as per bill of Oil company	(kCal/Ltr)		
22	GCV of oil supplied as per bill of oil company	(kCal/Ltr)		
23	GCV if Imported coal of the opening stock as per bill of Oil company	(kCal/Ltr)		
24	GCV of Imported Oil supplied as per bill of coal company	(kCal/Ltr)		
25	Weighted average GCV if Oil as billed	(kCal/Ltr)		
26	GCV of Oil of the Opening stock as received at station	(kCal/Ltr)		
27	GCV of Oil supplied	(kCal/Ltr)		
28	GCV of Imported coal of the Opening stock as received at station	(kCal/Ltr)		
29	GCV of Imported coal supplied as received at station	(kCal/Ltr)		
30	Weighted Average GCV of Secondary Fuel/ as received	(kCal/Ltr)	9380.00	
			Petitioner	

			PART-I FORM- 12	
Details of Secondary Fuel for Computation of Energy Charges				
Name of the Company :			NTPC Limited	
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II	
			Amt in Rs	
SI.No.	Month	Unit	Jan-24	
			HFO	LDO
1	Opening Quantity of Oil	KL		5,540.66
2	Value of Opening	(Rs)		47,71,84,728.73
3	Quantity of Oil supplied by Oil Company	KL		-
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL		
5	Oil supplied by oil company (3+4)	KL		-
6	Normative Transit & Handling Losses	KL		
7	Net Oil Supplied (5-6)	KL		-
8	Amount charged by the Oil Company	(Rs)		-
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)		-2,88,62,688.55
10	Handling, Sampling and such other Similar Charges	(Rs)		
11	Total amount charged (8+9+10)	(Rs)		-2,88,62,688.55
12	Transportation charges by rail / ship / road transport			
	By Rail	(Rs)		
	By Road	(Rs)		
	By Ship	(Rs)		
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)		
14	Demurrage Charges, if any	(Rs)		
15	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs)		
16	Total Transportation Charges (12+/-13-14+15)	(Rs)	-	-
17	Total amount Charged for fuel supplied including Transportation (11+16)	(Rs)	-	-2,88,62,688.55
18	Landed Cost of Oil (LDO/HFO) (2+17)/(1+7)	(Rs)		80,914.96
19	Blending Ratio		-	100%
20	Weighted average cost of Secondary Fuel/ For Month	(kCal/Ltr)	80914.96	
21	GCV of Oil of the Opening stock as per bill of Oil company	(kCal/Ltr)		
22	GCV of oil supplied as per bill of oil company	(kCal/Ltr)		
23	GCV if Imported coal of the opening stock as per bill of Oil company	(kCal/Ltr)		
24	GCV of Imported Oil supplied as per bill of coal company	(kCal/Ltr)		
25	Weighted average GCV if Oil as billed	(kCal/Ltr)		
26	GCV of Oil of the Opening stock as received at station	(kCal/Ltr)		
27	GCV of Oil supplied	(kCal/Ltr)		
28	GCV of Imported coal of the Opening stock as received at station	(kCal/Ltr)		
29	GCV of Imported coal supplied as received at station	(kCal/Ltr)		
30	Weighted Average GCV of Secondary Fuel/ as received	(kCal/Ltr)	9380.00	
			Petitioner	

			PART-I FORM- 12	
Details of Secondary Fuel for Computation of Energy Charges				
Name of the Company :			NTPC Limited	
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II	
Sl.No.	Month	Unit	Feb-24	
			HFO	LDO
1	Opening Quantity of Oil	KL		4,906.66
2	Value of Opening	(Rs)		39,70,21,955.54
3	Quantity of Oil supplied by Oil Company	KL	-	-
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL		
5	Oil supplied by oil company (3+4)	KL	-	-
6	Normative Transit & Handling Losses	KL		
7	Net Oil Supplied (5-6)	KL	-	-
8	Amount charged by the Oil Company	(Rs)	-	-
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)		
10	Handling, Sampling and such other Similar Charges	(Rs)		
11	Total amount charged (8+9+10)	(Rs)	-	-
12	Transportation charges by rail / ship / road transport			
	By Rail	(Rs)		
	By Road	(Rs)		
	By Ship	(Rs)		
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)		
14	Demurrage Charges, if any	(Rs)		
15	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs)		
16	Total Transportation Charges (12+/-13-14+15)	(Rs)		-
17	Total amount Charged for fuel supplied including Transportation (11+16)	(Rs)	-	-
18	Landed Cost of Oil (LDO/HFO) (2+17)/(1+7)	(Rs)		80,914.96
19	Blending Ratio		-	100%
20	Weighted average cost of Secondary Fuel/ For Month	(kCal/Ltr)	80914.96	
21	GCV of Oil of the Opening stock as per bill of Oil company	(kCal/Ltr)		
22	GCV of oil supplied as per bill of oil company	(kCal/Ltr)		
23	GCV if Imported coal of the opening stock as per bill of Oil company	(kCal/Ltr)		
24	GCV of Imported Oil supplied as per bill of coal company	(kCal/Ltr)		
25	Weighted average GCV if Oil as billed	(kCal/Ltr)		
26	GCV of Oil of the Opening stock as received at station	(kCal/Ltr)		
27	GCV of Oil supplied	(kCal/Ltr)		
28	GCV of Imported coal of the Opening stock as received at station	(kCal/Ltr)		
29	GCV of Imported coal supplied as received at station	(kCal/Ltr)		
30	Weighted Average GCV of Secondary Fuel/ as received	(kCal/Ltr)	9380.00	
			Petitioner	

			PART-I FORM- 12	
Details of Secondary Fuel for Computation of Energy Charges				
Name of the Company :			NTPC Limited	
Name of the Power Station :			Tanda Super Thermal Power Station Stage-II	
			Amt in Rs	
SI.No.	Month	Unit	Mar-24	
			HFO	LDO
1	Opening Quantity of Oil	KL		4,025.66
2	Value of Opening	(Rs)		32,57,35,867.69
3	Quantity of Oil supplied by Oil Company	KL		-
4	Adjustment (+/-) in quantity supplied made by Oil Company	KL		
5	Oil supplied by oil company (3+4)	KL		-
6	Normative Transit & Handling Losses	KL		
7	Net Oil Supplied (5-6)	KL		-
8	Amount charged by the Oil Company	(Rs)		-
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)		
10	Handling, Sampling and such other Similar Charges	(Rs)		
11	Total amount charged (8+9+10)	(Rs)		-
12	Transportation charges by rail / ship / road transport			
	By Rail	(Rs)		
	By Road	(Rs)		
	By Ship	(Rs)		
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)		
14	Demurrage Charges, if any	(Rs)		
15	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs)		
16	Total Transportation Charges (12+/-13-14+15)	(Rs)	-	-
17	Total amount Charged for fuel supplied including Transportation (11+16)	(Rs)	-	-
18	Landed Cost of Oil (LDO/HFO) (2+17)/(1+7)	(Rs)		80,914.96
19	Blending Ratio		-	100%
20	Weighted average cost of Secondary Fuel/ For Month	(kCal/Ltr)	80914.96	
21	GCV of Oil of the Opening stock as per bill of Oil company	(kCal/Ltr)		
22	GCV of oil supplied as per bill of oil company	(kCal/Ltr)		
23	GCV if Imported coal of the opening stock as per bill of Oil company	(kCal/Ltr)		
24	GCV of Imported Oil supplied as per bill of coal company	(kCal/Ltr)		
25	Weighted average GCV if Oil as billed	(kCal/Ltr)		
26	GCV of Oil of the Opening stock as received at station	(kCal/Ltr)		
27	GCV of Oil supplied	(kCal/Ltr)		
28	GCV of Imported coal of the Opening stock as received at station	(kCal/Ltr)		
29	GCV of Imported coal supplied as received at station	(kCal/Ltr)		
30	Weighted Average GCV of Secondary Fuel/ as received	(kCal/Ltr)	9380.00	
			Petitioner	

Computation of Energy Charges							
Name of the Company			NTPC Limited				
Name of the Power Station			Tanda Super Thermal Power Station Stage-II				
Computation of Energy Charges							
			2024-25	2025-26	2026-27	2027-28	2028-29
1	Rate of Energy Charge from Sec. Fuel Oil/ Alternate Fuel (p/kwh)	$(REC)_s = (Q_s)_n \times P_s$	4.140	4.140	4.140	4.140	4.140
2	Heat Contribution from SFO / Alternate Fuel	$(H_s) = (Q_s)_n \times (GCV)_s$	4.690	4.690	4.690	4.690	4.690
3	Heat Contribution from coal	$(H_p)_s = GHR - H_s$	2225.07	2225.07	2225.07	2225.07	2225.07
4	Specific Primary Fuel Consumption	$(Qp)_n = H_p / (GCV)_p$	0.6002	0.6002	0.6002	0.6002	0.6002
5	Rate of Energy charge from Primary Fuel (p/kwh)	$(REC)_p$	337.997	337.997	337.997	337.997	337.997
6	Rate of Energy charge ex-bus (p/kWh)	$(REC) = \frac{((REC)_s + (REC)_p)}{(1-(AUX))}$	361.100	361.100	361.100	361.100	361.100
7	Rate of Energy charge ex-bus (p/kWh) with Add APC	(REC)	364.9	364.9	364.9	364.9	364.9
SRC (g/kwh)	[K x SHR x S/CVFP] x [85 / LP]		11.28528	11.29	11.29	11.29	11.29
ECR supp. (Rs /kwh)	[(SRC x LPR / 10) / (100-AUXn)]		0.07110	0.07110	0.07110	0.07110	0.07110
	dECR (p/kwh)		0.03275	0.03275	0.03275	0.03275	0.03275
K	(35.2 x Design SO2 Removal Efficiency/96%)		3.80	3.80	3.80	3.80	3.80
	Design SO2 removal efficiency		35.53	35.53	35.53	35.53	35.53
			96.91%				

Computation of Energy Charges		2024-25	2025-26	2026-27	2027-28	2028-29
Name of the Company	NTPC Limited					
Name of the Power Station	Tanda Super Thermal Power Station Stage-II					
No of Days in the period	Days	365	365	365	366	365
No of Days in the year	Days	365	365	365	366	365
Sp. Oil consumption	ml/kwh	0.5	0.5	0.5	0.5	0.5
Auxiliary consumption	%	5.25%	5.25%	5.25%	5.25%	5.25%
Auxiliary consumption (FGD)	%	1.00%	1.00%	1.00%	1.00%	1.00%
Heat Rate	Kcal/Kwh	2,229.76	2,229.76	2,229.76	2,229.76	2,229.76
Computation of Variable Charges		2024-25	2025-26	2026-27	2027-28	2028-29
Variable Charge (Coal)	p/kwh	356.725	356.725	356.725	356.725	356.725
Variable Charge (Limestone)	p/kwh	7.110	7.110	7.110	7.110	7.110
Variable Charge (Oil)	p/kwh	4.369	4.369	4.369	4.369	4.369
Total	p/kwh	368.205	368.205	368.205	368.205	368.205
Price of fuel from Form-15/15A		2024-25	2025-26	2026-27	2027-28	2028-29
Coal Cost	(Rs./MT)	5631.83	5631.83	5631.83	5631.83	5631.83
Oil Cost	(Rs./KL)	82793.86	82793.86	82793.86	82793.86	82793.86
Computation of Fuel Expenses for Calculation of IWC:		2024-25	2025-26	2026-27	2027-28	2028-29
ESO in a year	(MUs)	9214.43	9214.43	9214.43	9239.67	9214.43
ESO in a year for Reagent Cons	(MUs)	9312.71	9312.71	9312.71	9338.23	9312.71
ESO for 50 days	(MUs)	1262.250	1262.250	1262.250	1262.250	1262.250
ESO for 50 days	(MUs)	1275.714	1275.714	1275.714	1275.714	1275.714
Cost of coal for 50 Days	(Rs. Lakh)	45027.63	45027.63	45027.63	45027.63	45027.63
Cost of limestone for 50 Days	(Rs. Lakh)	417.85	417.85	417.85	417.85	417.85
Cost of oil for 2 months	(Rs. Lakh)	670.97	670.97	670.97	672.81	670.97
Energy Expenses for 45 days	(Rs. Lakh)	41828.96	41828.96	41828.96	41828.96	41828.96
Coal		2024-25	2025-26	2026-27	2027-28	2028-29
Wtd. Avg. Price of Coal	Rs./MT	5631.83	5631.83	5631.83	5631.83	5631.83
Wtd. Avg. GCV of Coal as received	kCal/Kg	3792.50	3792.50	3792.50	3792.50	3792.50
Wtd. Avg. GCV of Coal as received after adjuster	kCal/Kg	3707.50	3707.50	3707.50	3707.50	3707.50
Sec. Oil		2024-25	2025-26	2026-27	2027-28	2028-29
Wtd. Avg. Price of Secondary Fuel	Rs/KL	82793.86	82793.86	82793.86	82793.86	82793.86
Wtd. Avg. GCV of Secondary Fuel	kCal/L	9380.00	9380.00	9380.00	9380.00	9380.00
Limestone Cost (tentative landed price)	(Rs/ MT)	2750.00	2750.00	2750.00	2750.00	2750.00
Limestone Purity (LP)	%	85.31%	85.31%	85.31%	85.31%	85.31%
Sulphur Content in Coal	%	0.53%	0.53%	0.53%	0.53%	0.53%

Statement of Capital cost

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Tanda Super Thermal Power Station Stage-II
COD	01-07-2021
For Financial Year	2024-29

(Rs Lakh)

Sl. No.	Particulars	2024-25			2025-26			2026-27			2027-28			2028-29		
		Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening Gross Block Amount as per books	8,84,167.22	14,885.59	8,69,281.62	SHALL BE PROVIDED AT THE TIME OF TRUE-UP.											
	b) Amount of IDC in A(a) above	92,504.34		92,504.34												
	c) Amount of FC in A(a) above	-		-												
	d) Amount of FERV in A(a) above	12,768.28		12,768.28												
	e) Amount of Hedging Cost in A(a) above	-		-												
	f) Amount of IEDC in A(a) above	37,510.34		37,510.34												
B	a) Addition in Gross Block Amount during the period (Direct purchases)				SHALL BE PROVIDED AT THE TIME OF TRUE-UP.											
	b) Amount of IDC in B(a) above															
	c) Amount of FC in B(a) above															
	d) Amount of FERV in B(a) above															
	e) Amount of Hedging Cost in B(a) above															
	f) Amount of IEDC in B(a) above															
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)				SHALL BE PROVIDED AT THE TIME OF TRUE-UP.											
	b) Amount of IDC in C(a) above															
	c) Amount of FC in C(a) above															
	d) Amount of FERV in C(a) above															
	e) Amount of Hedging Cost in C(a) above															
	f) Amount of IEDC in C(a) above															
D	a) Deletion in Gross Block Amount during the period				SHALL BE PROVIDED AT THE TIME OF TRUE-UP.											
	b) Amount of IDC in D(a) above															
	c) Amount of FC in D(a) above															
	d) Amount of FERV in D(a) above															
	e) Amount of Hedging Cost in D(a) above															
	f) Amount of IEDC in D(a) above															
E	a) Closing Gross Block Amount as per books				SHALL BE PROVIDED AT THE TIME OF TRUE-UP.											
	b) Amount of IDC in E(a) above															
	c) Amount of FC in E(a) above															
	d) Amount of FERV in E(a) above															
	e) Amount of Hedging Cost in E(a) above															
	f) Amount of IEDC in E(a) above															

Petitioner

Statement of Capital Works in Progress

Name of the Petitioner	Meja Urja Nigam Private Limited
Name of the Generating Station	Meja TPS Stage-I (2x660 MW)
COD	31-01-2021
For Financial Year	2024-29

(Rs Lakh)

Sl. No.	Particulars	2024-25			2025-26			2026-27			2027-28			2028-29		
		Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening CWIP as per books	90,348.01	12,498.86	77,849.15	SHALL BE PROVIDED AT THE TIME OF TRUE-UP.											
	b) Amount of IDC in A(a) above	6,206.56		6,206.56												
	c) Amount of FC in A(a) above	-		-												
	d) Amount of FERV in A(a) above	165.45		165.45												
	e) Amount of Hedging Cost in A(a) above	-		-												
	f) Amount of IEDC in A(a) above	5,203.88		5,203.88												
B	a) Addition in CWIP during the period				SHALL BE PROVIDED AT THE TIME OF TRUE-UP.											
	b) Amount of IDC in B(a) above															
	c) Amount of FC in B(a) above															
	d) Amount of FERV in B(a) above															
	e) Amount of Hedging Cost in B(a) above															
	f) Amount of IEDC in B(a) above															
C	a) Transferred to Gross Block Amount during the period				SHALL BE PROVIDED AT THE TIME OF TRUE-UP.											
	b) Amount of IDC in C(a) above															
	c) Amount of FC in C(a) above															
	d) Amount of FERV in C(a) above															
	e) Amount of Hedging Cost in C(a) above															
	f) Amount of IEDC in C(a) above															
D	a) Deletion in CWIP during the period				SHALL BE PROVIDED AT THE TIME OF TRUE-UP.											
	b) Amount of IDC in D(a) above															
	c) Amount of FC in D(a) above															
	d) Amount of FERV in D(a) above															
	e) Amount of Hedging Cost in D(a) above															
	f) Amount of IEDC in D(a) above															
E	a) Closing CWIP as per books				SHALL BE PROVIDED AT THE TIME OF TRUE-UP.											
	b) Amount of IDC in E(a) above															
	c) Amount of FC in E(a) above															
	d) Amount of FERV in E(a) above															
	e) Amount of Hedging Cost in E(a) above															
	f) Amount of IEDC in E(a) above															

Petitioner

Calculation of Interest on Normative Loan

Name of the Company :		NTPC Limited						
Name of the Power Station :		Tanda Super Thermal Power Station Stage-II						
								(Amount in Rs Lakh)
S. No.	Particulars		Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2		3	4	5		6	8
1	Gross Normative loan – Opening	A	6,10,443.04	6,18,345.97	6,93,557.45	7,01,546.41	7,02,071.41	7,02,176.41
2	Cumulative repayment of Normative loan up to previous year	B	1,05,574.11	1,47,901.04	1,93,180.45	2,41,331.47	2,89,776.33	3,38,242.94
3	Net Normative loan – Opening	C=A-B	5,04,868.92	4,70,444.93	5,00,377.00	4,60,214.94	4,12,295.08	3,63,933.47
4	Add: Increase due to addition during the year / period	D	6,099.67	75,211.48	7,988.96	525.00	105.00	-
5	Less: Decrease due to de-capitalisation during the year / period	E	610.00	-	-	-	-	-
6	Less: Decrease due to reversal during the year / period	F		-	-	-	-	-
7	Add: Increase due to discharges during the year / period	G	2,413.27	-	-	-	-	-
8	Normative Loan Closing	H=C+D-E-F+G	5,12,771.86	5,45,656.41	5,08,365.96	4,60,739.94	4,12,400.08	3,63,933.47
9	Repayment of Loan during the year	I	42,410.77	45,279.41	48,151.01	48,444.87	48,466.61	48,470.23
10	Repayment adjustment on account of decapitalization	J	83.85	-	-	-	-	-
11	Net Repayment of loan during the year	K=I-J	42,326.93	45,279.41	48,151.01	48,444.87	48,466.61	48,470.23
12	Net Normative loan - Closing	L=H-K	4,70,444.93	5,00,377.00	4,60,214.94	4,12,295.08	3,63,933.47	3,15,463.23
13	Average Normative loan	M=Average(C,L)	4,87,656.93	4,85,410.96	4,80,295.97	4,36,255.01	3,88,114.27	3,39,698.35
14	Weighted average rate of interest	N	4.693%	5.122%	5.074%	5.127%	5.411%	5.795%
15	Interest on Loan	O=MxN	22,885.57	24,864.26	24,369.19	22,367.51	21,002.71	19,685.19
15	Cumulative repayment of Normative loan at the end of the period	P=B+K	1,47,901.04	1,93,180.45	2,41,331.47	2,89,776.33	3,38,242.94	3,86,713.18

(Petitioner)

Calculation of Interest on Working Capital

Name of the Company :	NTPC Limited
Name of the Power Station :	Tanda Super Thermal Power Station Stage-II

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5		6	8
1	Cost of Coal/Lignite	37,128.75	45027.63	45027.63	45027.63	45027.63	45027.63
2	Cost of Main Secondary Fuel O	756.34	670.97	670.97	670.97	672.81	670.97
3	Cost of Limestone		417.85	417.85	417.85	417.85	417.85
3	Fuel Cost						
4	Liquid Fuel Stock						
5	O & M Expenses	2,769.21	3602.57	3799.40	4008.56	4229.23	4462.83
6	Maintenance Spares	6,646.10	8646.18	9118.56	9620.53	10150.14	10710.78
7	Receivables	53,945.58	64108.72	65124.38	65276.48	65388.63	65652.81
8	Total Working Capital	1,01,245.99	1,22,473.93	1,24,158.80	1,25,022.03	1,25,886.29	1,26,942.87
9	Rate of Interest	12.00%	11.90%	11.90%	11.90%	11.90%	11.90%
10	Interest on Working Capital	12149.52	14574.40	14774.90	14877.62	14980.47	15106.20

Petitioner

Summary of issue involved in the petition					PART 1 FORM-T	
Name of the Company :		NTPC Limited				
Name of the Power Station :		Tanda Super Thermal Power Station Stage-II				
1	Petitioner:	NTPC Limited				
2	Subject	Determination of Tariff for 2024-29 period				
3	Prayer:	i) Approve tariff of Tanda Super Thermal Power Station Stage-II (2x660 MW) for the tariff period 01.04.2024 to 31.03.2029. ii) Allow the extension of cut-off date for the instant station beyond 31.01.2024 for 2 years under Regulation-102 of CERC Tariff Regulations 2024 i.e. Power to relax. iii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries. iv) Allow reimbursement of Ash Transportation Charges directly from the beneficiaries on monthly basis, subject to true up. v) Allow the recovery of pay/wage revision as additional O&M over and above the normative O&M. vi) Pass any other order as it may deem fit in the circumstances mentioned above.				
4	Respondents					
	Name of Respondents					
		1. Uttar Pradesh Power Corp. Ltd. (UPPCL) Shakti Bhawan 14, Ashok Marg Lucknow – 226 001 (UP).				
		2. Rajasthan Urja Vikas Nigam Limited (RUVNL) Vidyut Bhawan, Janpath, Jaipur – 302 005 (Rajasthan) (On Behalf Of Jaipur Vidyut Vitran Nigam Ltd. (JVVN), Ajmer Vidyut Vitran Nigam Ltd. (AVVN) & Jodhpur Vidyut Vitran Nigam Ltd. (Jdvvn))				
		3. Gujarat UrjaVikas Nigam Ltd.(GUVNL)				
		4. Power Development Department, Govt. of J&K				
		5. Uttarakhand Power Corporation Limited,				
		6. Electricity Department of Chandigarh				
5	Project Scope					
	Capital Cost as on 01.04.2024 (Rs. Lakh)	883351.39				
	Date of Station COD	01-07-2021				
	Claim (Rs Lakh)	2024-25	2025-26	2026-27	2027-28	2028-29
	AFC	1,80,713.62	1,88,951.74	1,90,185.47	1,91,618.67	1,93,237.92
	Closing Capital Cost	9,90,796.36	10,02,209.16	10,02,959.16	10,03,109.16	10,03,109.16
	Initial spare	N/A				
	NAPAF (Gen)	85%				
	Any Specific					

प्रेषक,

राज कुमार,
अनु सचिव,
उत्तर प्रदेश शासन।

सेवा में

1. प्रमुख अभियंता (विकास) एवं विभागाध्यक्ष,
लोक निर्माण विभाग, उ०प्र०, लखनऊ।
2. मुख्य अभियंता (मु०-1/सेतु),
लोक निर्माण विभाग, उ०प्र०, लखनऊ।
3. मुख्य महाप्रबन्धक,
एन०टी०पी०सी०, टाण्डा, अम्बेडकरनगर।
4. प्रबन्ध निदेशक,
सेतु निगम, उत्तर प्रदेश, लखनऊ।

लोक निर्माण अनुभाग-11

लखनऊ: दिनांक: 08 मई, 2023


विषय:- जनपद अम्बेडकरनगर में एन०टी०पी०सी० टाण्डा के मध्य रेलवे सम्पार संख्या-13बी पर 02 लेन उपरिगामी सेतु निर्माण के संबंध में।

महोदय,

उपर्युक्त विषयक मुख्य अभियंता (सेतु), लोक निर्माण विभाग, लखनऊ का पत्रांक-397/आर०ओ०बी०/अयोध्या क्षेत्र/सेतु-3/2023, दिनांक 23.03.2024 का कृपया संदर्भ ग्रहण करने का कष्ट करें।

2- अवगत कराना है कि जनपद अम्बेडकरनगर में एन०टी०पी०सी० टाण्डा के मध्य राज्य मार्ग 30ए पर स्थित सम्पार संख्या-13बी पर एम०ओ०यू० के आधार पर रेल उपरिगामी सेतु के निर्माण कार्य पर विचार-विमर्श हेतु प्रमुख सचिव, लोक निर्माण विभाग, उत्तर प्रदेश शासन की अध्यक्षता में नवीन भवन स्थित सभाकक्ष में दिनांक 09.05.2023, अपराह्न 01.00 बजे एक बैठक आहूत की गयी है।

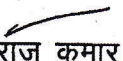
3- अतः इस संबंध में मुझे यह कहने का निदेश हुआ है कि उक्त बैठक सुसंगत अभिलेखों सहित निश्चित समय एवं स्थान पर प्रतिभाग करने का कष्ट करें।

भवदीय,

(राज कुमार)
अनु सचिव।

संख्या एवं दिनांक उपरोक्त।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

1. निजी सचिव, प्रमुख सचिव, लोक निर्माण विभाग, उत्तर प्रदेश शासन।
2. निजी सचिव, विशेष सचिव, लोक निर्माण विभाग, उत्तर प्रदेश शासन।
3. पास आफिस, गेट नं०-5, नवीन भवन को इस आशय से प्रेषित कि बैठक में प्रतिभाग करने वाले अधिकारियों का पास निर्गत करने का कष्ट करें।

आज्ञा से,

(राज कुमार)
अनु सचिव।

19/05/23
5/00/2

1/316581/2023

जनपद अम्बेडकरनगर में एन 0 टी 0 पी 0 सी 0 टाण्डा के मध्य रेलवे सम्पार संख्या-13 बी पर 02 लेन रेल उपरिगामी सेतु निर्माण के संबंध में प्रमुख सचिव, लोक निर्माण विभाग, उ 0 प्र 0 शासन की अध्यक्षता में दिनांक 09.05.2023 को सम्पन्न बैठक का कार्यवृत्त।

उपस्थिति:-

कैम्प मुख्य अभियन्ता (सेतु)
द्वारा सं-2861 दिनांक 22/5/23

MDUPSBCL

CO (अर्थ)

SE310

EEBDD-6

1. श्री संदीप कुमार, प्रमुख अभियन्ता (विकास) एवं विभागाध्यक्ष, लोक निर्माण विभाग, लखनऊ।
2. श्री प्रभुनाथ, विशेष सचिव, लोक निर्माण विभाग, उ 0 प्र 0 शासन।
3. श्री अशोक कुमार अग्रवाल, मुख्य अभियन्ता (सेतु), लोक निर्माण विभाग, लखनऊ।
4. श्री राकेश सिंह, प्रबन्ध निदेशक, सेतु निगम, उ 0 प्र 0, लखनऊ।
5. श्री बी 0 सी 0 पोल्डई, मुख्य महाप्रबन्धक, एन 0 टी 0 पी 0 सी 0, टाण्डा, अम्बेडकरनगर।
6. श्री परवेज खान, अपर महाप्रबन्धक, एन 0 टी 0 पी 0 सी 0, टाण्डा, अम्बेडकरनगर।
7. श्री बी 0 पी 0 रामचन्द्रन, अपर महाप्रबन्धक, एन 0 टी 0 पी 0 सी 0, उत्तरी क्षेत्र, लखनऊ।
8. श्री मयंक, अपर महाप्रबन्धक, एन 0 टी 0 पी 0 सी 0, टाण्डा, अम्बेडकरनगर।
9. श्री प्रणव वर्मा, उप महाप्रबन्धक, एन 0 टी 0 पी 0 सी 0, टाण्डा, अम्बेडकरनगर।

6245

23/5/23

बैठक के प्रारम्भ में प्रमुख सचिव, लोक निर्माण विभाग द्वारा बैठक में उपस्थित अधिकारियों का परिचय प्राप्त किया गया। तदोपरान्त मुख्य महाप्रबन्धक, एन 0 टी 0 पी 0 सी 0, टाण्डा, अम्बेडकरनगर द्वारा अवगत कराया गया कि जनपद अम्बेडकरनगर में एन 0 टी 0 पी 0 सी 0, टाण्डा के मध्य रेलवे

C.E. (Bridges)

19/5/23

सम्पार संख्या-13 बी लोक निर्माण विभाग के कार्यक्षेत्र वाले राज्य राजमार्ग संख्या-30 ए पर स्थित है। उक्त रेल सम्पार पर एन 0 टी 0 पी 0 सी 0 टाण्डा के लिए कोयले की ढुलाई हेतु मात्र मालगाड़ियाँ गुजरती है। प्रत्येक मालगाड़ी के एन 0 टी 0 पी 0 सी 0 प्लान्ट में जाने तथा वापस आने के समय सम्पार घण्टों बन्द करना पड़ता है, जिसके कारण प्रायः सम्पार के दोनों ओर भारी एवं हल्के वाहनों की लम्बी कतारें लग जाती हैं। ऐसे में उक्त रेलवे सम्पार पर 02 लेन रेल उपरिगामी सेतु निर्माण की महती आवश्यकता है। उक्त रेलवे सम्पार पर निर्मित होने वाले रेल उपरिगामी सेतु पर होने वाला पूर्ण व्यय ए 0 टी 0 पी 0 सी 0 द्वारा वहन किया जायेगा। प्रश्नगत सम्पार पर रेल उपरिगामी सेतु का निर्माण एन 0 टी 0 पी 0 सी 0 टाण्डा एवं उ 0 प्र 0 राज्य सेतु निगम के मध्य सीधे एम 0 ओ 0 यू 0 के आधार पर कराया जायेगा। मुख्य महाप्रबन्धक, ए 0 टी 0 पी 0 सी 0 टाण्डा, अम्बेडकरनगर द्वारा रेल उपरिगामी सेतु के निर्माणोपरान्त अनुरक्षण का कार्य लोक निर्माण विभाग द्वारा किये जाने पर सहमति प्रदान करने का अनुरोध किया गया।

उक्त के सम्बन्ध में प्रमुख सचिव, लोक निर्माण विभाग द्वारा यह निर्देश दिये गये कि एन 0 टी 0 पी 0 सी 0 टाण्डा के शतप्रतिशत वित्त पोषण से जनपद अम्बेडकरनगर में राज्य राजमार्ग संख्या-30 ए पर स्थित रेलवे सम्पार संख्या-13 बी पर 02 लेन रेल उपरिगामी सेतु के निर्माण उपरान्त उक्त संरचनाओं को भविष्य में लोक निर्माण विभाग द्वारा अनुरक्षण किए जाने हेतु निहित होने वाले व्ययभार के दृष्टिगत प्रकरण में वित्त विभाग की सहमति प्राप्त कर राज्य सरकार की अनापत्ति प्रदान की जाय। उक्त रेल उपरिगामी सेतु के निर्माण कार्य हेतु एन 0 टी 0 पी 0 सी 0, टाण्डा एवं उत्तर प्रदेश राज्य सेतु निगम द्वारा सभी औपचारिकताएं पूर्ण कर सीधे समझौता ज्ञापन (एम 0 ओ 0 यू 0) हस्ताक्षरित कर अग्रतर कार्यवाही सुनिश्चित की जाय।

उक्त के उपरान्त बैठक सधन्यवाद समाप्त हुई।

Signed by प्रभु नाथ
Date: 15-05-2023 14:28:48
Reason: Approved

(प्रभुनाथ)
विशेष सचिव।

उत्तर प्रदेश शासन
लोक निर्माण अनुभाग-11
संख्या-1/316581/23-11-2023
लखनऊ: दिनांक: 15/05/2023

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

- 1- निजी सचिव, प्रमुख सचिव, लोक निर्माण विभाग, उ०प्र० शासन।
- 2- प्रमुख अभियन्ता (विकास) एवं विभागाध्यक्ष, लोक निर्माण विभाग, लखनऊ।
- 3- मुख्य महाप्रबन्धक, एन० टी० पी० सी०, टाण्डा, अम्बेडकरनगर।
- 4- मुख्य अभियन्ता (सेतु), लोक निर्माण विभाग, लखनऊ।
- 5- प्रबन्ध निदेशक, उ०प्र० राज्य सेतु निगम लिमिटेड।
- 6- गार्ड बुक।

आज्ञा से,

(राज कुमार)
अनु सचिव।




भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
सूचना प्रौद्योगिकी एवं साइबर सुरक्षा प्रभाग
Information Technology & Cyber Security Division

विषय : CEA (Cyber Security in Power Sector) Guidelines, 2021.

CEA is mandated to prepare 'Guidelines on Cyber Security' in Power Sector under the provision of regulation (10) of the Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019. Guidelines on Cyber Security in Power Sector incorporating the cardinal principles has been prepared by CEA. In compliance to the provision of the above regulation, **CEA (Cyber Security in Power Sector) Guidelines, 2021** are issued for compliance by all entities listed in the clause 2.3 (Applicability of the Guidelines) of the guidelines.

Encl: Guidelines on Cyber Security


07/10/21
(V.K Mishra)
Secretary CEA

CEA (Cyber Security in Power Sector) Guidelines, 2021

1.0 Background

- 1.1 Cyber intrusion attempts and Cyber-attacks in any critical sector are carried out with a malicious intent. In Power Sector it's either to compromise the Power Supply System or to render the grid operation in-secure. Any such compromise, may result in mal-operations of equipments, equipment damages or even in a cascading grid brownout/blackout. The much hyped air gap myth between IT and OT Systems now stands shattered. The artificial air gap created by deploying firewalls between any IT and OT System can be jumped by any insider or an outsider through social engineering. Cyber-attacks are staged through tactics & techniques of Initial Access, Execution, Persistence, Privilege Escalation, Defence Evasion, Command and Control, Exfiltration. After gaining the entry inside the system through privilege escalation, the control of IT network and operations of OT systems can be taken over even remotely by any cyber adversary. The gain of sensitive operational data through such intrusions may help the Nation/State sponsored or non-sponsored adversaries and cyber attackers to design more sinister and advanced cyber-attacks.
- 1.2 Government of India has set up the Indian Computer Emergency Response Team (CERT-In) for Early Warning and Response to cyber security incidents and to have collaboration at National and International level for information sharing on mitigation of cyber threats. CERT-In regularly issues advisories on safeguarding computer systems and publishes Security Guidelines which are widely circulated for compliances. All Central Government Ministries/ Departments and State/Union Territory Governments have been advised to conduct cyber security audit of their entire Cyber Infrastructure including websites at regular interval through CERT-In empanelled Auditors so as to identify gaps and appropriate corrective actions to be taken in cyber security practices. CERT-In extends supports to enable Responsible Entity in conducting cyber security mock drills and in assessment of their preparation to withstand cyber-attacks. The Responsible Entity must submit Reports of Cyber Audit of cyber security controls, architecture, vulnerability management, network security and periodic cyber security drills to sectoral CERT as well as CERT-In. Team of experts shall review these reports and shortcomings if any in the compliances shall be flagged by them. CERT-In on regular basis also conducts workshops and training programs to enhance Cyber awareness of all Stakeholders.
- 1.3 Ministry of Power has created 6(six) sectoral CERTs namely Thermal, Hydro, Transmission, Grid Operation, RE and Distribution for ensuring cyber security in Indian Power Sector. Each Sectoral CERT has prepared their sub-sector specific model Cyber Crisis Management Plan(C-CMP) for countering cyber-attacks and cyber terrorism. Each Sectoral CERT has circulated their model C-CMPs for preparation and implementation of organization specific C-CMP by each of their Constituent Utility.
- 1.4 All Responsible Entities, Service Providers, Equipment Suppliers/Vendors and Consultants engaged in Power Sector are equally responsible for ensuring cyber security of the Indian Power Supply System. They are to act timely upon each threat intelligence,

advisories and other inputs received from authenticated sources, for continuous improvement in their cyber security posture.

- 1.5 In the current Indian scenario though many cyber security directives and guidelines exists, but none of them are power sector specific. Ministry of Power has directed CEA to prepare Regulation on Cyber Security in Power Sector. And as an interim measures CEA has been directed to issue Guideline on Cyber Security in Power Sector, under the provision of Regulation 10 on Cyber Security in the “Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019”.
- 1.6 The Guidelines on Cyber Security, in the form of Articles written below, requires mandatory Compliance by all Responsible Entities. The Guidelines shall come into effect from the date of issue by Central Electricity Authority, New Delhi.
- 2.0 Hereby the Guidelines on Cyber Security are drawn in the form of Articles for compliance by the Requester as well as User under the following provision of Regulation 10 on Cyber Security, in the “Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019”.

“The requester and the user shall comply with cyber security guidelines issued by the Central Government, from time to time, and the technical standards for communication system in Power Sector laid down by the Authority.”

2.1 **Objective of issuing Guideline:**

- a) Creating cyber security awareness
- b) Creating a secure cyber ecosystem,
- c) Creating a cyber-assurance framework,
- d) Strengthening the regulatory framework,
- e) Creating mechanisms for security threat early warning, vulnerability management and response to security threats,
- f) Securing remote operations and services,
- g) Protection and resilience of critical information infrastructure,
- h) Reducing cyber supply chain risks,
- i) Encouraging use of open standards,
- j) Promotion of research and development in cyber security,
- k) Human resource development in the domain of Cyber Security,
- l) Developing effective public private partnerships,
- m) Information sharing and cooperation
- n) Operationalization of the National Cyber Security Policy

2.2 Within the text of these Articles, ‘**Responsible Entity**’ shall mean all:

- a) Transmission Utilities as well as Transmission Licensees,
- b) Load despatch centres (State, Regional and National),
- c) Generation utilities (Hydro, Thermal, Nuclear, RE),
- d) Distribution Utilities
- e) Generation Aggregators,
- f) Trading Exchanges,
- g) Regional Power Committees, and
- h) Regulatory Commissions.

2.3 **Applicability:**

All Responsible Entities as well as System Integrators, Equipment Manufacturers, Suppliers/Vendors, Service Providers, IT Hardware and Software OEMs engaged in the Indian Power Supply System.

2.4 **Scope:**

2.4.1 **Control Systems for System Operation and Operation Management.**

- a) Grid Control and Management Systems,
- b) Power Plant Control Systems,
- c) Central Systems used to monitor and control of distributed generation and loads e.g. virtual power plants, storage management, central control rooms for hydroelectric plants, photovoltaic/wind power installations,
- d) Systems for fault management and work force management,
- e) Metering and measurement management systems,
- f) Data archiving systems,
- g) Parameterisation, configuration and programming systems,
- h) Supporting systems required for operation of the above mentioned systems,

2.4.2 **Communication System.**

- a) Routers switches and firewalls,
- b) Communication technology-related network components,
- c) Wireless digital systems.
- d) Control Centre to Control Centre Communications for data exchange on ICCP. (IEC 61850/60850-5/TASE.2/)

2.4.3 **Secondary, Automation and Tele control technologies**

- a) Control and Automation components,
- b) Control and field devices,
- c) Tele control devices,
- d) Programmable logic controllers / Remote Terminal Units, including digital sensor and actuators elements,
- e) Protection devices,
- f) Safety components,
- g) Digital measurement and metering installations,
- h) Synchronisation devices,
- i) Excitation Systems,

3.0 **Definition of Terms:**

1. **Access Management:** shall mean set of policies and procedures of the Responsible Entity for allowing Personnel, devices and IoT to securely perform a broad range of operational, maintenance, and asset management tasks either on site or remotely as laid down in Clause 5.2.5 of IS 16335.
2. **Accreditation:** shall mean the process of verifying that an organisation is capable of conducting the tests and assessments against a product/process that are required to be certified.

3. **Accreditation Body:** shall mean an organisation that has been accredited to verify the credentials and capabilities of the organisations that wish to become a certification body.
4. **Act:** shall mean the Information Technology Act, 2000 (21 of 2000)
5. **Asset:** shall mean anything that has value to the organization.
6. **Certification:** shall mean the process of verifying that a product has been manufactured in conformance with a set of predefined standards and/or regulations by an organisation, that is accredited to conduct the certification process
7. **Certification Body:** shall mean an organisation that has been accredited by an accreditation body to certify products / process against a certification scheme.
8. **Certification Scheme:** shall mean the processes, paperwork, tools, and documentation that define how a product or manufacturer is certified
9. **Chief Information Security Officer:** shall mean the designated employee of Senior management level directly reporting to Managing Director/Chief Executive Officer/Secretary of the Responsible Entity, having knowledge of Information Security and related issues, responsible for cyber security efforts and initiatives including planning, developing, maintaining, reviewing and implementation of Information Security Policies
10. **Critical Assets:** shall mean the facilities, systems and equipment which, if destroyed, degraded or otherwise declared unavailable, would affect the reliability or operability of the Power Supply System.
11. **Critical System:** shall mean cyber assets essential to the reliable operation of critical asset. Critical System consists of those cyber assets that have at least one of the following characteristics:
 - a) The cyber asset uses a routable protocol to communicate outside the electronic security perimeter.
 - b) The cyber asset uses a routable protocol within a control centre.
 - c) The cyber asset is dial-up accessible.
12. **Critical Information Infrastructure:** shall mean Critical Information Infrastructure as defined in explanation of sub-section (1) of Section 70 of the Act.
13. **Cyber Assets:** shall mean the programmable electronic devices, including the hardware, software and data in those devices that are connected over a network, such as LAN, WAN and HAN.
14. **Cyber Crisis Management Plan:** shall mean a framework for dealing with cyber related incidents for a coordinated, multi-disciplinary and broad-based approach for rapid identification, information exchange, swift response and remedial actions to mitigate and recover from malicious cyber related incidents impacting critical processes.
15. **Cyber Security Breach:** shall mean any cyber incident or cyber security violation that results in unauthorized or illegitimate access or use by a person as well as an entity, of data, applications, services, networks and/or devices through bypass of the underlying cyber security protocols, policies and mechanisms resulting in the compromise of the confidentiality, integrity or availability of data/information maintained in a computer resource or cyber asset.
16. **Cyber Security Incident:** shall mean any real or suspected adverse cyber security event that violates, explicitly or implicitly, cyber security policy of Responsible Entity resulting in unauthorized access, denial of service or disruption, unauthorized use of computer resource for processing or storage of information or changes to data or information

without authorization, leading to harm to the power grid or its critical sub-sectoral elements Generation, Transmission and Distribution.

17. **Cyber Security Policy:** shall mean documented set of business rules and processes for protecting information, computer resources, networks, devices, Industrial Control Systems and other OT resources.
18. **Electronic Security Perimeter:** shall mean the logical border surrounding a network to which the Cyber Systems of Power Supply System are connected using a routable protocol.
19. **Information Security Division:** shall mean a division accountable for cyber security and protection of the Critical System of the Responsible Entity.
20. **Protected System:** shall mean any computer, computer system or computer network of the Responsible Entity notified under section 70 of the Act, in the official gazette by appropriate Government.
21. **Security Architecture:** shall mean a framework and guidance to implement and operate a system using the appropriate security controls with the goal to maintain the system's quality attributes like confidentiality, integrity, availability, accountability and assurance.
22. **Vulnerability:** shall mean intrinsic properties of something resulting in susceptibility to a risk source that can lead to an event with a consequence
23. **Vulnerability Assessment:** shall mean a process of identifying and quantifying vulnerabilities

4.0 Standards

Reference	Description
ISO/IEC 15408	Common Criteria Certification Standard
ISO/IEC 17011	General requirements for accreditation bodies accrediting conformity assessment bodies
ISO/IEC 17025	General requirements for the competence of testing and calibration laboratories
ISO/IEC 21827	Systems Security Engineering - Capability Maturity Model (SSE-CMM)
ISO/IEC 24748-1	Systems and software engineering — Life cycle management — Part 1: Guidelines for life cycle management.
ISO 27001/2	Information Security Management
ISO/ IEC 27019	Information technology — Security techniques — Information Security controls for the energy utility industry
ISO/IEC 61508	Functional Safety of Electrical / Electronic / Programmable Electronic Safety-related Systems
IEC 61850	Communication networks and systems for power utility automation
IEC 62351	Standards for Securing Power System Communications
IEC 62443	Cyber Security for Industrial Control Systems
IS 16335	Power Control Systems – Security Requirements.

5.0 Abbreviations

Abbreviations	Description
a) BES	Bulk Electric System

b)	CDAC	Centre for Development of Advanced Computing
c)	CEA	Central Electricity Authority
d)	CERC	Central Electricity Regulatory Commission
e)	CERT	Computer Emergency Response Team
f)	CERT-In	Indian Computer Emergency Response Team
g)	CII	Critical Information Infrastructure
h)	CISO	Chief Information Security Officer
i)	CSK	Cyber Swachhta Kendra
j)	COTS	Commercial off-the Shelf
k)	ESP	Electronic Security perimeter
l)	ICS	Industrial Control Systems
m)	ICT	Information and Communications Technology
n)	IEC	International Electro Technical Commission
o)	ISAC	Information Sharing and Analysis Centre
p)	ISD	Information Security Division
q)	ISO	International Organization for Standardization
r)	ISMS	Information Security Management System
s)	IT	Information Technology
t)	FAT	Factory Acceptance Test
u)	NABL	National Accreditation Board for Testing and Calibration Laboratories
v)	NCIIPC	National Critical Information Infrastructure Protection Centre
w)	NLDC	National Load Dispatch Centre
x)	NPTI	National Power Training Institute
y)	NSCS	National Security Council Secretariat
z)	OEM	Original Equipment Manufacturer
aa)	OT	Operational Technology
bb)	RLDC	Regional Load Dispatch Centres
cc)	SAT	Site Acceptance Test
dd)	SERC	State Electricity Regulatory Commission
ee)	SCADA	Supervisory Control and Data Acquisition Systems
ff)	SIEM	Security Information and Event Management
gg)	SLA	Service Level Agreement
hh)	SLDC	State Load Dispatch Centre
ii)	QCI	Quality Council of India

CEA (Cyber Security in Power Sector) Guidelines, 2021

Article 1. Cyber Security Policy.

a. Cardinal Principles: The Responsible entity will strictly adhere to following cardinal principles while framing cyber security policy:

- i. There is hard isolation of their OT Systems from any internet facing IT system.
 - ii. May keep only one of their IT systems with internet facing at any of their site/location if required which is isolated from all OT zones and kept in a separate room under the security and control of CISO.
 - iii. Downloading/Uploading of any data/information from their internet facing IT system is done only through an identifiable whitelisted device followed by scanning of both for any vulnerability/malware as per the SOP laid down and **for all such activities digital logs are maintained and retained under the custody of CISO for at least 6 months.** The log shall be readily to carry out the forensic analysis if asked by investigation agency.
 - iv. List of whitelisted IP addresses for each firewall is maintained by CISO and each firewall is configured for allowing communication with the whitelisted IP addresses only.
 - v. Communication between OT equipment/systems is done through the secure channel preferably of POWERTEL through the fibre optic cable. Security configuration of the communication channel is also to be ensured.
 - vi. All ICT based equipment/system deployed in infrastructure/system mandatorily CII are sourced from the list of the “Trusted Sources” as and when drawn by MoP/CEA.
- b. The Responsible Entity shall be ISO/IEC 27001 certified (including sector specific controls as per ISO/IEC 27019).
 - c. The Responsible Entity shall have a Cyber Security Policy drawn upon the guidelines issued by NCIIPC.
 - d. The Responsible Entity shall ensure annual review of their Cyber Security Policy by subject matter expert and changes shall be made therein only after obtaining the due approval from Board of Directors.
 - e. The process of Access Management for all Cyber Assets owned or under control of the Responsible Entity shall be detailed in the Cyber Security Policy.
 - f. The Cyber Security Policy shall leverage state-of-art cyber security technologies and relevant processes at multiple layers to mitigate the cyber security risks.
 - g. The Responsible Entity shall be solely responsible to get Cyber Security Policy implemented through its Information Security Division (ISD).
 - h. The CISO shall record the reason(s) for exemption required, if any, in case, unable to comply with any of the provision(s) of the Cyber Security Policy. Any exception shall be allowed only after an approval of provisions of compensatory control(s) to mitigate residual cyber security risks.

- i. The CISO shall record the exemptions sought in statement of applicability controls, while getting the ISO 27001 certified. All exemptions and its justification need to be in conformance with Cyber Security Policy of the Responsible Entity.
- j. The Responsible Entity shall allocate sufficient Annual budget for enhancing cyber security posture, enhanced year over year.
- k. The Responsible Entity shall work in collaboration with other Industry Stakeholders as well as Academia to promote R&D activity in the domain of cyber security.
- l. The Responsible Entity shall ensure that cyber security issues are taken up as agenda items in their Board meetings once in every three months.

Article 2 Appointment of CISO.

- a) The Responsible Entity shall mandatorily appoint a CISO and shall confirm to qualification, if any, **laid** by Quality Council of India (QCI). In absence, the work of CISO shall be looked upon by Alternate CISO. In case qualification for appointment of Alternate CISO has been relaxed for reasons recorded thereof, Alternate CISO has to mandatorily acquire the minimum required cyber security skill sets within six months from the date of his appointment.
- b) The Responsible Entity shall regularly update details of CISO and Alternate CISO, with the Sectoral CERT, as well as on ISAC-Power Portal.
- c) Roles and Responsibility of CISOs shall be as laid by CERT-In and ring-fenced to ensure cyber security of the Cyber Assets of the Responsible Entity.

Article 3: Identification of Critical Information Infrastructure (CII).

- a) The Responsible Entity shall submit to NCIIPC through Sectoral CERT, details of Cyber Assets which uses a routable protocol to communicate outside the Electronic Security Perimeter drawn by the Responsible Entity or a routable protocol within a control centre and dial-up accessible Cyber Assets, within 30 days from the date of their commissioning in the System.
- b) The Responsible Entity shall submit details of Critical Business Processes and underlying information infrastructure along with mapped impact and Risk Profile to NCIIPC and shall get their CIIs identified in consultation with NCIIPC. The process of the notification/declaration by Appropriate Government shall follow thereafter.
- c) The Responsible Entity shall review their declared/notified CIIs at least once a year to examine changes if any in the functional dependencies, protocols and technologies or upon any change in security architecture. The Responsible Entity shall review their declared/notified CIIs once in every 6 months, in case if NCIIPC has directed them to constitute an Information Security Steering Committee.
- d) The Responsible Entity shall ensure that all cyber assets of their identified/notified CIIs are recorded in the asset register and considered for risk assessment as well as for finalization of controls in statement of applicability.

Article 4. Electronic Security Perimeter

- a) The Responsible Entity shall identify and document the Electronic Security Perimeter(s) and all Access Points to the perimeter(s).

- b) The Responsible Entity shall follow procedure of identifying “Electronic Security Perimeter” in case of distributed and/or hybrid information infrastructure, as per IEC 62443 / IS16335 (as amended from time to time).
- c) The Responsible Entity shall ensure that every Critical System resides within an Electronic Security Perimeter.
- d) The Responsible Entity shall perform a cyber-Vulnerability Assessment of each electronic Access Points to the Electronic Security Perimeter(s) at least once in every 6 (six) months and/or after any change in Security Architecture.
- e) The Responsible Entity shall ensure that all critical, high and medium vulnerabilities identified as a result of cyber Vulnerability Assessment shall be closed and verified for the effective closure.

Article 5. Cyber Security Requirements

- a) The Responsible Entity shall have an Information Security Division (ISD), headed by CISO.
- b) The Responsible Entity shall ensure that the ISD must be functional on 24x7x365 basis and is manned by sufficient numbers of Engineers having valid certificate of successful completion of course on cyber security of Power Sector from the Training Institutes designated by CEA.
- c) The Responsible Entity shall ensure that ISD
 - 1) has on-boarded Cyber Swachhta Kendra(CSK) of CERT-In, if they have public IPs.
 - 2) has timely acted upon the advisories, guidelines and directive of NCIIPC, CSK, CERT-In and Sectoral CERTs,
 - 3) has deployed an Intrusion Detection System and Intrusion Prevention System capable of identifying behavioural anomaly in both IT as well as OT Systems.
 - 4) shares reports on incident response and targeted malware samples with CERT-In,
 - 5) updates the firmware/software with the digitally signed OEM validated patches only.
 - 6) enables only those ports and services that are required for normal operations. In case of any emergency the procedure as laid in Access management be followed.
 - 7) maintains firewall logs for the last 6 months duration. Firewall logs shall be analysed and all critical and high severity comments shall be addressed for effective closure.
 - 8) retains document of FAT, SAT test results and report/ certificate of cyber tests carried out for compliance of Government Orders and Cyber Security Audit.*
 - 9) maintains all cyber logs and cyber forensic records of any incident for at least** 90 days.
 - * FAT, SAT must include comprehensive cyber security tests of the component/equipment/system to be delivered/delivered at site.
 - ** 90 days from date of the commissioning of the system/recovery from any incident, whichever is later.
- d) The Responsible Entity shall routinely audit and test security properties of the Critical System and must act upon, in case if any new vulnerabilities is identified through testing or by the equipment manufacturer.

- e) The Responsible Entity shall design a secure architecture for control system appropriate for their process control environment*.
- f) All State Load Dispatch Centres(SLDCs) shall comply with the directions issued by the National Load Dispatch Centre(NLDC) as well as Regional Load Dispatch Centres(RLDCs) U/s 29 (1) of the Electricity Act, 2003 to ensure stability and cyber security of grid operation and achieve efficiency in the grid operation. In case of any non-compliance, the Head of SLDC shall be responsible and shall be liable for Penalty as per the provision of CERC/SERC.

*There are so many different types of systems in existence and so many possible solutions, it is important that the selection process ensures that the level of protection is commensurate with the business risk and the Responsible Entity shall not rely on one single security measure for its defence. *(Reference IEC/TR62351-10 Edition 1.0 2012-10 Power systems management and associated information exchange –Data and communications security – Part 10: Security architecture guidelines).*

Article 6 Cyber Risk Assessment and Mitigation Plan

- a) The Responsible Entity shall document in their Cyber Security Policy a Cyber Risk Assessment and Mitigation Plans drawn upon the best practises being followed in the Power Sector, and the same shall be approved by Board of Directors.
- b) The Cyber Risk Assessment and Mitigation Plans shall clearly define the matrix for assessing the cyber risk of both IT and OT environment and risk acceptance criteria.
- c) The Cyber Risk Assessment Plan shall be capable to demonstrate that repeated cyber security risk assessment delivers consistent, valid and comparable results.
- d) The review of cyber risk assessment shall be carried out at least once in a Quarter. The actionable of risk treatment and mitigation shall be tracked in this review for their effectiveness.
- e) The CISO shall be responsible for implementation and regular review, on the basis of internal and external feedbacks, of the Cyber Risk Assessment and Mitigation Plans.

Article 7 Phasing out of Legacy System

- a) As the life cycle of the Power System Equipment/System is longer than that of IT Systems deployed therein, the Responsible Entity shall ensure that all IT technologies in the Power System Equipment/System should have the ability to be upgraded.
- b) The Responsible Entity shall ensure that the Information Security Division shall draw the list of all communicable equipments/systems nearing end life or are left without support from OEM. Thereafter CISO shall identify equipment/systems to be phased out from the list drawn, firm up their replacement plan and put up the replacement plan for approval before the Board of Directors.
- c) The CISO shall ensure that till equipments/systems nearing end life or left without support from OEM are not replaced, their cyber security is hardened and ensured through additional controls provisioned in consultation with the OEM or alternate Supplier(s)*.
*e.g. Use of CDAC developed AppSamvid and whitelisting of applications installed may be explored across all legacy systems.
- d) The Responsible Entity shall document in their Cyber Security Policy a Standard Operating Procedure for safe and secure disposal of outlived or legacy devices.

Article 8. Cyber Security Training.

- a) The Responsible Entity shall establish, document, implement, and maintain an annual cyber security training program for personnel having authorized cyber or authorized physical access (unescorted or escorted) to their Critical Systems.
- b) The Responsible Entity shall review annually their cyber security training program and shall update it whenever necessary. Annual Review shall record evaluation of the effectiveness of the trainings held.
- c) The Responsible Entity shall ensure that Cyber Security training program designed for their IT as well as OT O&M Personnel must include following topics and as per their functional requirements and security concerns additional topics shall be added:
 - 1) User authentication and authorization.
 - 2) Cyber Security and Protection mechanisms of IT/OT/ICS Systems.
 - 3) Introduction to various standards i.e. ISO/IEC:15408, ISO/IEC:24748-1, ISO: 27001, ISO: 27002, ISO 27019, IS 16335, IEC/ISO:62443.
 - 4) Training on implementation of ISO/IEC 27001 and awareness on IEC 62443.
 - 5) Vulnerability Assessment in the Critical System.
 - 6) Monitoring and preserving of electronic logs of access of Critical Assets.
 - 7) Detecting cyber-attacks on SCADA and ICS systems
 - 8) The handling of Critical System during cyber crisis.
 - 9) Action plans and procedures to recover or re-establish normal functioning of Critical Assets and access thereto following a Cyber Security Incident.
 - 10) Hands on SCADA operation at any of the Regional Load Dispatch Centre.
 - 11) Handling of risks involved in the procurement of COTS Products.
- d) All Personnel engaged in O&M of IT & OT Systems shall mandatorily undergo courses on cyber security of Power Sector from any of the training institute designated by CEA, immediately within 90 days from the notification of CEA Guidelines on Cyber Security in Power Sector.
- e) The Responsible Entity shall ensure that none of their newly hired or the current Personnel have access to the Critical System, prior to the satisfactory completion of cyber security training programme from the Training Institutes designated in India, except in specified circumstances such as cyber crisis or an emergency.
- f) NPTI in consultation with CEA shall identify and design domain specific courses on Cyber Security for different target groups. The “Governing Board for PSO Training and Certification” shall approve the content, duration etc of these courses and shall review it Annually. NPTI shall conduct these courses at all of their branches on regular basis and shall maintain the list of the Participants successfully completing the course.

Article 9 Cyber Supply Chain Risk Management

- a) The Responsible Entity shall ensure that, as and when Ministry of Power, Government of India notifies the Model Contractual Clauses on cyber security, these clauses are included in their every Bid invited for procurement of any ICT based components/equipments/System to be used for Power System.
- b) The Responsible Entity shall ensure that all the Communicable Intelligent Equipments and the Service Level Agreements (SLAs) for their Critical Systems shall be sourced from the list of the “Trusted Sources” as and when drawn by MoP/CEA.

- c) The Responsible Entity shall ensure that, in case, for the any Communicable Intelligent Devices, if no Trusted Source has been identified, then the successful bidder in compliance with the provisions made in MoP order dated 2.7.2020 and any other relevant MoP order has got the product cyber tested for any kind of embedded malware/Trojan/cyber threat and for adherence to Indian Standards at the designated lab.
- d) The Responsible Entity shall ensure that the essential cyber security tests are carried out successfully during FAT, SAT as detailed in **Annexure A**. The equipment/System besides for functionality shall also be tested in the factory for vulnerabilities, design flaws, parts being counterfeit or tainted, so as to minimize problems during on-site-testing and installation. Cyber Security Conformance Testing are to be carried out in the designated Lab as listed in **Annexure-I of MoP Order No. 12/13/2020-T&R dt. 8th June, 2021(Order at Annexure-B)**.
- e) The Responsible Entity shall ensure that the Equipment/System supplied by the successful bidder shall accompany with a certificate^{§, #} obtained by OEM from a certification body accredited to assess devices and process for conformance to IEC 62443-4 standards during design and manufacture. The Responsible Entity shall accept the certificate submitted along with the supplied Equipment/System only if it's in line with the Testing Protocol as notified by Ministry of Power, Government of India, from time to time.
- f) The Responsible Entity in compliance to the requirement of Article 9(e) shall also accept, till the setting up of an adequate certification facility in the India, a digitally signed self-declaration of conformance to the IEC 62443-4 standards during design and manufacture of the equipment/system, if submitted by the OEM.
- g) The Responsible Entity shall dispose all unserviceable or obsolete Communicable Intelligent Devices as per the procedure laid in their Cyber Risk Assessment and Mitigation Plans which shall be in line with the prevailing best practices.

§ The National & International certification may be specified in the tender for critical systems/sub-systems being procured by the Responsible Entity.

Certification Schemes:

Embedded Device Security Assurance Certification is for an individual product,
System Security Assurance Certification is for a set of products in a system (possibly from different vendors)

Security Development Lifecycle Assurance Certification is for the development processes that a manufacturer uses for developing products.

Article 10 Cyber Security Incident Report and Response Plan

- a) The CISO of the Responsible Entity shall report in the formats prescribed by CERT-In, all Cyber Security Incidents, classified as reportable events.
- b) Root cause analysis for all reportable events shall be carried out and corrective action taken, so as to ensure that any re-occurrence of such event can be managed with ease.
- c) The Responsible Entity shall mandatorily define in their Cyber Security Policy, criteria(s) identified on the basis of impact analysis, for declaring the occurrence of

Cyber Security Incident(s) as a Cyber Crisis in the System owned or controlled by them.

- d) The Responsible Entity shall mandatorily designate an Officer along with his/her standby by name and designation and empower them to declare an occurrence of the incident(s) as “Cyber Crisis”. The contact details of these Officers shall be updated in the C-CMP within 15 days of changes if any due to transfer or superannuation etc.
- e) The CISO shall ensure that during any Cyber Security Incident, ISD monitors and minutely records every details of cyber security events and incidents in both IT as well as the OT System owned or controlled by the Responsible Entity.
- f) The CISO shall ensure that each cyber incident is handled strictly as per Cyber Security Incident Response Plan detailed in the latest C-CMP approved by the Board of Directors.
- g) The Responsible Entity shall ensure that the efficacy of the Cyber Security Incident Response Plan is tested annually through mock drill(s) carried out, if feasible, as simulation exercise(s) or as table top exercise(s) with wider participation of their employees, in consultation with CERT-In and sectoral CERT. In case if any shortcoming is observed in the Cyber Security Incident Response Plan suitable changes shall be made in it.
- h) The Responsible Entity shall ensure that the CISO compiles details of incident detection, incident handling, learnings from each incident and damage claims made if any and shall report to CERT-In as well as upload information on ISAC-Power Portal.

Article 11 Cyber Crisis Management Plan(C-CMP)

- a) The Responsible Entity shall prepare a Cyber Crisis Management Plan and submit to their sectoral-CERT for review with intimation to Ministry of Power/CISO-MoP. Responsible Entity shall update their C-CMP on the basis of comments made by sectoral-CERT and then submit for vetting to CERT-In. The C-CMP shall be updated once again to include the observations made by CERT-In before seeking approval of Board of Directors for implementation of C-CMP.
- b) The Responsible Entity shall ensure that the C-CMP is reviewed at least annually. The CISO shall ensure that all changes are made in C-CMP only with the due approval of Board of Directors and the changes made in C-CMP have been communicated through a verifiable means to all the concerned Personnel of the Responsible Entity.
- c) The CISOs shall be the custodian of all the cyber security related documents including Cyber Crisis Management Plan, Risk Treatment Plan, Statement of Applicability of controls, and compliance to regulator’s requirement.
- d) The CISO shall be accountable for ensuring enforcement of C-CMP by Information Security Division of the Responsible Entity, during a cyber-crisis, as and when declared by the designated Officer. (refer Article 10(d))

Article 12: Sabotage Reporting%

- a) The Responsible Entity shall incorporate procedure for identifying and reporting of sabotage in their Cyber Security Policy within 30 days from issue of the Guidelines, or grant of licence under the appropriate legal provisions to the Responsible Entity.
- b) The CISO shall be held liable for non-reporting of identified sabotage(s) as per procedure laid for identifying and reporting of sabotage in the Cyber Security Policy of the Responsible Entity.

- c) The CISO shall prepare a detailed report on disturbances or unusual occurrences, identified, suspected or determined to be caused by sabotage in the Critical System of the Responsible Entity, and shall submit the report to the Sectoral CERT as well as to CERT-In within 24 hours of its occurrence.
- d) The CISO shall submit to NCIIPC within 24 hours of occurrence the report on every sabotage classified as cyber incidents(s) on "Protected System".
- e) The CISO upon occurrence on every sabotage shall take custody of all log records as well as digital forensic records of affected Cyber Assets, Intrusion Detection System, Intrusion Protection System, SIEM and shall preserve them for at least 90 days and shall make them available as and when called upon for investigation by the concerned Agencies.

%Disturbances or unusual occurrences, suspected or determined to be caused by sabotage.

Sabotage e.g. can be a forced intrusion in un-manned/manned facility and taking control of operation of Critical System through a communicating device.

Article 13 Security and Testing of Cyber Assets

- a) The Responsible Entity shall ensure security of all in-service phase as well as standby Cyber Assets through regular firmware/Software updates and patching, Vulnerability management, Penetration testing (of combined installations), securing configuration, supplementing security controls. CISO shall maintain details of update version of each firmware and software and their certification if received from OEMs.
- b) The Responsible Entity shall carry out regularly Vulnerability Assessment of all Cyber Assets owned or under their control. If a Cyber Asset is found vulnerable to any exploits or upon any patch updates or major configuration changes, then further Penetration Testing may be carried out offline or in a suitably configured laboratory test-bed to determine other vulnerabilities that may have not been identified so far.
- c) The Responsible Entity shall specify security requirement and evaluation criteria during each phase of their procurement Process.
- d) The Responsible Entity shall ensure that all Cyber Assets being procured shall conform to the type tests as mentioned in the specification for type testing listed in the bid document. Type test reports of tests conducted in NABL accredited Labs or internationally accredited labs (with in last 5 years from the date of bid opening) shall be mandated to be submitted along with bid. In case, the submitted Type Test reports are not as per specification, the re-tests shall be conducted without any cost implication to the Responsible Entity.
- e) The Responsible Entity shall ensure that all Communicable devices are tested for communication protocol as per the ISO/IEC/IS standards listed in **MoP Order No. 12/13/2020-T&R dated 8th June, 2021(Annexure-B).**
- f) The Responsible Entity shall ensure that all Critical Systems designed with Open Source Software are adequately cyber secured.
- g) The Responsible Entity as a best practise upon any incidence of Cyber Security Breach shall carry out cyber security tests at any lab designated for cyber testing by Ministry of Power. These tests shall be similar to Pre Commissioning Security Test and those essential for carrying out Post Incident Forensics Analysis.

Article 14 Cyber Security Audit

- a) The Responsible Entity shall implement Information Security Management System (ISMS) covering all its Critical Systems.
- b) The Responsible Entity shall through a CERT-In Empanelled Cyber Security OT Auditor shall get their IT as well as OT System audited at least once in every 6 (six) months and shall close all critical and high vulnerabilities within a period of one month and medium as well as low non-conformity before the next audit. Effective closure of all non-conformities shall be verified during the next audit.
- c) The Cyber Security Audit shall be as per ISO/IEC 27001 along with sector specific standard ISO/IEC 27019, IS 16335 and other guidelines issued by appropriate Authority if any. These mentioned standards shall be current with all amendments if any and in case if any standard is superseded, the new standard shall be applicable. CISO shall ensure immediate closure of non-conformance, based on the criticality and by means all non-conformances are to be closed before the next audit.
- d) The Responsible Entity shall ensure that CISO has all the required systems and documents in place, as mandated by NSCS for base line cyber security audit.

No. 20(3)/2022-CERT-In
Government of India
Ministry of Electronics and Information Technology (MeitY)
Indian Computer Emergency Response Team (CERT-In)

Electronics Niketan,
6 CGO Complex,
New Delhi-110003

Dated: 28 April, 2022

Subject: Directions under sub-section (6) of section 70B of the Information Technology Act, 2000 relating to information security practices, procedure, prevention, response and reporting of cyber incidents for Safe & Trusted Internet.

Whereas, the Central Government in terms of the provisions of sub-section (1) of section 70B of Information Technology (IT) Act, 2000 (IT Act, 2000) has appointed “Indian Computer Emergency Response Team (CERT-In)” vide notification dated 27th October 2009 published in the official Gazette and as per provisions of sub-section (4) of section 70B of IT Act, 2000 The Indian Computer Emergency Response Team shall serve as the national agency for performing the following functions in the area of cyber security:-

- a) collection, analysis and dissemination of information on cyber incidents;
- b) forecast and alerts of cyber security incidents;
- c) emergency measures for handling cyber security incidents;
- d) coordination of cyber incidents response activities;
- e) issue guidelines, advisories, vulnerability notes and whitepapers relating to information security practices, procedures, prevention, response and reporting of cyber incidents;
- f) such other functions relating to cyber security as may be prescribed.

And whereas, “The Information Technology (The Indian Computer Emergency Response Team and Manner of performing functions and duties) Rules, 2013” were notified and published vide notification dated 16.01.2014 by the Central Government in exercise of the powers conferred by clause (zf) of sub-section (2) of section 87 read with sub-section (5) of section 70B of the IT Act, 2000.

And whereas, as per provisions of sub-section (6) of section 70B of the IT Act, 2000, CERT-In is empowered and competent to call for information and give directions to the service providers, intermediaries, data centres, body corporate and any other person for carrying out the activities enshrined in sub-section (4) of section 70B of the IT Act, 2000.

And whereas, various instances of cyber incidents and cyber security incidents have been and continue to be reported from time to time and in order to coordinate response activities as well as emergency measures with respect to cyber security incidents, the requisite information is either sometime not found available or readily not available with service providers/data centres/body corporate and the said primary information is essential to carry out the analysis, investigation and coordination as per the process of law.

And whereas, it is considered expedient in the interest of the sovereignty or integrity of India, defence of India, security of the state, friendly relations with foreign states or public order or for preventing incitement to the commission of any cognizable offence using computer resource or for handling of any cyber incident, that following directions are issued to augment and strengthen the cyber security in the country:

- (i) All service providers, intermediaries, data centres, body corporate and Government organisations shall connect to the Network Time Protocol (NTP) Server of National Informatics Centre (NIC) or National Physical Laboratory (NPL) or with NTP servers traceable to these NTP servers, for synchronisation of all their ICT systems clocks. Entities having ICT infrastructure spanning multiple geographies may also use accurate and standard time source other than NPL and NIC, however it is to be ensured that their time source shall not deviate from NPL and NIC.
- (ii) Any service provider, intermediary, data centre, body corporate and Government organisation shall mandatorily report cyber incidents as mentioned in Annexure I to CERT-In within 6 hours of noticing such incidents or being brought to notice about such incidents. The incidents can be reported to CERT-In via email (incident@cert-in.org.in), Phone (1800-11-4949) and Fax (1800-11-6969). The details regarding methods and formats of reporting cyber security incidents is also published on the website of CERT-In www.cert-in.org.in and will be updated from time to time.

- (iii) When required by order/direction of CERT-In, for the purposes of cyber incident response, protective and preventive actions related to cyber incidents, the service provider/intermediary/data centre/body corporate is mandated to take action or provide information or any such assistance to CERT-In, which may contribute towards cyber security mitigation actions and enhanced cyber security situational awareness. The order / direction may include the format of the information that is required (up to and including near real-time), and a specified timeframe in which it is required, which should be adhered to and compliance provided to CERT-In, else it would be treated as non-compliance of this direction. The service providers, intermediaries, data centres, body corporate and Government organisations shall designate a Point of Contact to interface with CERT-In. The Information relating to a Point of Contact shall be sent to CERT-In in the format specified at Annexure II and shall be updated from time to time. All communications from CERT-In seeking information and providing directions for compliance shall be sent to the said Point of Contact.
- (iv) All service providers, intermediaries, data centres, body corporate and Government organisations shall mandatorily enable logs of all their ICT systems and maintain them securely for a rolling period of 180 days and the same shall be maintained within the Indian jurisdiction. These should be provided to CERT-In along with reporting of any incident or when ordered / directed by CERT-In.
- (v) Data Centres, Virtual Private Server (VPS) providers, Cloud Service providers and Virtual Private Network Service (VPN Service) providers, shall be required to register the following accurate information which must be maintained by them for a period of 5 years or longer duration as mandated by the law after any cancellation or withdrawal of the registration as the case may be:
- a. Validated names of subscribers/customers hiring the services
 - b. Period of hire including dates
 - c. IPs allotted to / being used by the members
 - d. Email address and IP address and time stamp used at the time of registration / on-boarding
 - e. Purpose for hiring services
 - f. Validated address and contact numbers
 - g. Ownership pattern of the subscribers / customers hiring services

- (vi) The virtual asset service providers, virtual asset exchange providers and custodian wallet providers (as defined by Ministry of Finance from time to time) shall mandatorily maintain all information obtained as part of Know Your Customer (KYC) and records of financial transactions for a period of five years so as to ensure cyber security in the area of payments and financial markets for citizens while protecting their data, fundamental rights and economic freedom in view of the growth of virtual assets.

For the purpose of KYC, the Reserve Bank of India (RBI) Directions 2016 / Securities and Exchange Board of India (SEBI) circular dated April 24, 2020 / Department of Telecom (DoT) notice September 21, 2021 mandated procedures as amended from time to time may be referred to as per Annexure III.

With respect to transaction records, accurate information shall be maintained in such a way that individual transaction can be reconstructed along with the relevant elements comprising of, but not limited to, information relating to the identification of the relevant parties including IP addresses along with timestamps and time zones, transaction ID, the public keys (or equivalent identifiers), addresses or accounts involved (or equivalent identifiers), the nature and date of the transaction, and the amount transferred.

And whereas, the meaning to the terms ‘cyber incident’ or ‘cyber security incident’ or ‘computer resource’ or other terms may be ascribed as defined in the IT Act, 2000 or “The Information Technology (The Indian Computer Emergency Response Team and Manner of performing functions and duties) Rules, 2013” as the case may be.

And whereas, in case of any incident, the above-referred entities must furnish the details as called for by CERT-In. The failure to furnish the information or non-compliance with the *ibid.* directions, may invite punitive action under sub-section (7) of the section 70B of the IT Act, 2000 and other laws as applicable.

This direction will become effective after 60 days from the date on which it is issued.

Types of cyber security incidents mandatorily to be reported by service providers, intermediaries, data centres, body corporate and Government organisations to CERT-In:

[Refer Rule 12(1)(a) of The Information Technology (The Indian Computer Emergency Response Team and Manner of Performing Functions and Duties) Rules, 2013]

- i. Targeted scanning/probing of critical networks/systems
- ii. Compromise of critical systems/information
- iii. Unauthorised access of IT systems/data
- iv. Defacement of website or intrusion into a website and unauthorised changes such as inserting malicious code, links to external websites etc.
- v. Malicious code attacks such as spreading of virus/worm/Trojan/Bots/Spyware/Ransomware/Cryptominers
- vi. Attack on servers such as Database, Mail and DNS and network devices such as Routers
- vii. Identity Theft, spoofing and phishing attacks
- viii. Denial of Service (DoS) and Distributed Denial of Service (DDoS) attacks
- ix. Attacks on Critical infrastructure, SCADA and operational technology systems and Wireless networks
- x. Attacks on Application such as E-Governance, E-Commerce etc.
- xi. Data Breach
- xii. Data Leak
- xiii. Attacks on Internet of Things (IoT) devices and associated systems, networks, software, servers
- xiv. Attacks or incident affecting Digital Payment systems
- xv. Attacks through Malicious mobile Apps
- xvi. Fake mobile Apps
- xvii. Unauthorised access to social media accounts
- xviii. Attacks or malicious/ suspicious activities affecting Cloud computing systems/servers/software/applications
- xix. Attacks or malicious/suspicious activities affecting systems/ servers/ networks/ software/ applications related to Big Data, Block chain, virtual assets, virtual asset exchanges, custodian wallets, Robotics, 3D and 4D Printing, additive manufacturing, Drones

xx. Attacks or malicious/ suspicious activities affecting systems/ servers/software/ applications related to Artificial Intelligence and Machine Learning

The incidents can be reported to CERT-In via email (incident@cert-in.org.in), Phone (1800-11-4949) and Fax (1800-11-6969). The details regarding methods and formats of reporting cyber security incidents is also published on the website of CERT-In www.cert-in.org.in and will be updated from time to time.

Annexure II

Format for providing Point of Contact (PoC) information by Service providers, intermediaries, data centres, body corporate and Government organisations to CERT-In

The Information relating to the Point of Contact shall be sent to CERT-In via email (info@cert-in.org.in) in the format specified below and shall be updated from time to time:

Name	
Designation	
Organisation Name	
Office Address	
Email ID	
Mobile No.	
Office Phone	
Office Fax	

KYC Requirements

For the purpose of KYC, any of following Officially Valid Document (OVD) as a measure of identification procedure prescribed by the Reserve Bank of India (Know Your Customer (KYC)) Directions, 2016 / Securities and Exchange Board of India Clarification on Know Your Client (KYC) Process and Use of Technology for KYC vide Circular SEBI/HO/MIRSD/DOP/CIR/P/2020/73 dated April 24, 2020 / The Department of Telecom File No: 800-12/2021- AS.II dated September 21, 2021 on Self-KYC (S-KYC) as an alternate process for issuing of new mobile connections to Local and Outstation category customers, shall be used and maintained:

- a. The passport,
- b. The driving license,
- c. Proof of possession of Aadhaar number,
- d. The Voter's Identity Card issued by the Election Commission of India,
- e. Job card issued by NREGA duly signed by an officer of the State Government and
- f. Letter issued by the National Population Register containing details of name and address.
- g. Validated phone number
- h. Trading account number and details, Bank account number and bank details

For the purpose of KYC for business entities (B2B), documents mentioned in the Customer Due Diligence (CDD) process prescribed in Reserve Bank of India Master Direction - Know Your Customer (KYC) Direction, 2016 as updated from time to time shall be used and maintained.

Windows XP

Windows XP follows the [Fixed](#) Lifecycle Policy.

This applies to the following editions: Home, Professional, Professional for Embedded Systems, Professional x64, Starter

ⓘ Important

Support for this product has ended. See migration guidance below.

Support dates are shown in the Pacific Time Zone (PT) - Redmond, WA, USA.

Support Dates

Listing	Start Date	Mainstream End Date	Extended End Date
Windows XP	Dec 31, 2001	Apr 14, 2009	Apr 8, 2014

Releases

Version	Start Date	End Date
Service Pack 3	Apr 21, 2008	Apr 8, 2014
Service Pack 2	Sep 17, 2004	Jul 13, 2010
Service Pack 1a	Feb 3, 2003	Oct 10, 2006
Service Pack 1	Aug 30, 2002	Oct 10, 2006
Original Release	Dec 31, 2001	Aug 30, 2005

Links

- [Migration guidance](#)
- [Service pack policy](#)

 **Note**

The start date for Microsoft Windows XP Professional x64 Edition was April 24, 2005.

Editions

- Home
- Professional
- Professional for Embedded Systems
- Professional x64
- Starter

Court No. - 3

Case :- WRIT - C No. - 19485 of 2021

Petitioner :- Shyam Lali And Ors.

Respondent :- State Of U.P. Thru. Addl.Chief Secy.
Revenue Lko. And Ors.

Counsel for Petitioner :- Ankit Pande, Ankit
Pande, Mohammad Yusuf Siddiqui, Pooja Devi, Virendra
Bhatt

Counsel for Respondent :- C.S.C., Atul Kumar Dwivedi

Connected with

Case :- WRIT - C No. - 11305 of 2018

Petitioner :- Ravindra Kumar Verma And Ors.

Respondent :- State Of U.P. Through Prin.Secy.Deptt.Of
Energy Lko.And Ors.

Counsel for Petitioner :- Manoj Kumar Gupta, Gajendra
Yadav, Manish Mani Sharma

Counsel for Respondent :- C.S.C., Atul Kumar
Dwivedi, Manish Kumar

with

Case :- WRIT - C No. - 24819 of 2020

Petitioner :- Ved Prakash And Anr.

Respondent :- State Of U.P. Thru Addl.Chief Secy.
Revenue Deptt. Lko And Ors.

Counsel for Petitioner :- Ankit Pande

Counsel for Respondent :- C.S.C., Atul Kumar Dwivedi

and

Case :- WRIT - C No. - 304 of 2021

Petitioner :- Haseena Khatoon And Ors.

Respondent :- State Of U.P. Thru Addl.Chief Secy.
Revenue Deptt. Lko And Ors.

Counsel for Petitioner :- Ankit Pande, Ankit
Pande, Manish Mani Sharma, Mohammad Yusuf
Siddiqui, Pooja Devi, Virendra Bhatt

Counsel for Respondent :- C.S.C., Atul Kumar Dwivedi

Hon'ble Mrs. Sangeeta Chandra, J.

Hon'ble Brij Raj Singh, J.

Heard Dr. R.S. Pande, learned Senior Advocate assisted
by Shri Ankit Pande alongwith Shri Manish Mani Sharma,
Shri Mohammad Yusuf Siddiqui, Ms. Pooja Devi, Shri

प्रेषक,

विशेष सचिव,
नियोजन विभाग,
उ०प्र० शासन।

सेवा में,

अपर मुख्य सचिव/ प्रमुख सचिव/ सचिव,

अवस्थापना एवं औद्योगिक विकास, लोक निर्माण, पर्यावरण, वन एवं जलवायु परिवर्तन, ऊर्जा, नगर विकास, चिकित्सा, स्वास्थ्य एवं परिवार कल्याण, राजस्व, आईटी एवं इलेक्ट्रॉनिक्स, नमामि गंगे एवं ग्रामीण जलापूर्ति, खादय एवं रसद तथा नगरीय रोजगार एवं गरीबी उन्मूलन, उ०प्र० शासन।

पत्र संख्या: 662/यो०मा०प्र०/2024

दिनांक: 21 अगस्त, 2024

विषय: मा० प्रधानमंत्री जी की अध्यक्षता में पूर्व में आहूत हो चुकी PRAGATI की बैठकों में सम्मिलित अवस्थापना सम्बन्धी परियोजनाओं/कार्यक्रमों से सम्बन्धित issues को resolve किये जाने के सम्बन्ध में की गयी कार्यवाही का अद्यतन स्टेटस PRAGATI Web Portal पर अपलोड किये जाने हेतु सूचना उपलब्ध कराये जाने के सम्बन्ध में।

महोदय/महोदया,

कृपया उपर्युक्त विषयक नियोजन विभाग के पत्र संख्या- 612/यो०मा०प्र०/2024, दिनांक-23.07.2024 का संदर्भ ग्रहण करने का कष्ट करें, जिसके द्वारा PRAGATI की पूर्व बैठकों में सम्मिलित अवस्थापना सम्बन्धी परियोजनाओं/कार्यक्रमों से सम्बन्धित लम्बित issues पर वांछित कार्यवाही कराते हुए issues को resolve किये जाने के साथ ही कृत कार्यवाही का अद्यतन स्टेटस PRAGATI वेब पोर्टल पर अपलोड किये जाने हेतु प्रत्येक माह नियमित रूप से उपलब्ध कराने की अपेक्षा की गयी थी, परन्तु issues से सम्बन्धित पूर्ण एवं proper content सहित अद्यतन सूचनार्य नियमित रूप से उपलब्ध नहीं करायी जा रही है।

2- विभागों द्वारा उपलब्ध कराये जा रहे अद्यतन स्टेटस में यदि कोई परियोजना अथवा कार्य अपूर्ण है तो उस परियोजना से संबन्धित issue/issues के समस्त बिन्दुओं का उल्लेख करते हुए उसके पूर्ण किए जाने की Timeline तथा Strategy को भी मासिक प्रगति में सम्मिलित करते हुए अद्यतन स्टेटस उपलब्ध कराया जाये।

3- अतः अनुरोध है कि कृपया अपने विभाग से सम्बन्धित संलग्न प्रकरणों के सम्बन्ध में issue-wise अद्यावधिक प्रगति तथा Resolved, Unresolved एवं Partially Resolved का स्टेटस PRAGATI पोर्टल पर अपलोड किये जाने हेतु सूक्ष्म टिप्पणी (अधिकतम 2000 Characters अंग्रेजी में हार्ड एवं साफ्ट कापी सहित) e-mail-dirmcmd@gmail.com अथवा e-mail-dirmcmd@nic.in पर प्रत्येक दशा में दिनांक 31.08.2024 तक उपलब्ध कराने के साथ ही भविष्य में अद्यतन स्टेटस प्रत्येक माह की 30 तारीख तक उपलब्ध कराने का कष्ट करें।

संलग्नक-यथोक्त।

२१/८/२४

भवदीय,

(पुलकित खरे)
विशेष सचिव।

21/8/24.

पत्रांक व दिनांक यथोक्त।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित :-


1. प्रमुख स्टाफ आफिसर, मुख्य सचिव, उ०प्र०, शासन।
2. निजी सचिव, मुख्य सचिव, उ०प्र० शासन।
3. निजी सचिव, प्रमुख सचिव, नियोजन विभाग, उ०प्र० शासन को प्रमुख सचिव महोदय के अवलोकनार्थ।

(पुलकित खरे)
विशेष सचिव।

LIST OF PARTIALLY RESOLVED ISSUES TO BE UPLOADED ON PRAGATI							
S. No.	PRAGATI MEETING DATE	DEPARTMENTS	Category	Project Name	ISSUES	NEW COMMENT	NEW STATUS
1	2	3	4	5	6	7	8
109	25-May-16	REVENUE/ENERGY	PM C	1320 MW TANDA-II THERMAL POWER PLANT	1) For the balance 13 acre Government land, survey for evaluation of HSO and properties on Abadi land, issue of demand letter to NTPC and disbursement of compensation need to be expedited by State Government.		
171	26-Apr-17	URBAN DEVELOPMENT / ENERGY	PI	ATAL MISSION FOR REJUVENATION AND URBAN TRANSFORMATION (AMRUT)	4) Energy audit of water system followed by PPP projects for pump replacement in all mission cities need to be completed by June, 2017. States/UTs may update the status & action plan.		
255	23-May-18	URBAN DEVELOPMENT / ENERGY	PI	ATAL MISSION FOR REJUVENATION AND URBAN TRANSFORMATION (AMRUT)	3) Replacement of water pump with energy efficient pumps need to done. States/UTs need to complete the same quickly.		

NTPC TANDA PMG PROGRESS REPORT AS ON 28.08.2024

Sl. No.	Pragati meeting date	Departments	Category	Project Name	ISSUES	Updated Status as on 28.08.2024
109	25 May-16	Revenue/ Energy	PMC	1320 MW TANDA-II THERMAL POWER PLANT	1) For the balance 13 acre Government land, survey for evaluation of HSO and properties on Abadi land, issue of demand letter to NTPC and disbursement of compensation need to be expedited by State Government	<p>Instead of 13 acre government land, there is 6.064 acre land balance for physical possession and total 84 houses/structures are pending for removal.</p> <ul style="list-style-type: none"> • Physical possession of 2.204 hectares (5.446 acre) of Abadi land. • Physical possession of 0.250 hectares (0.618 acre) of Private land. • Total pending land: 2.454 hectare (6.064 acres) <p>The details are as follows :</p> <p>A. Abadi Land : 69 houses of area 2.204 hectare (5.446 Acres) 20 structures/ houses of Ash Dyke- 2A, corresponding area 0.573 Hectare is in Husainpur Sudhana village and 49 structures/ houses of the Main Plant, corresponding area 1.631 Hectare are located on Abadi land in Salahpur Rajor and Hasimpur villages are to be vacated.</p> <p>Current Status :</p> <ol style="list-style-type: none"> Hon'ble Lucknow High Court is currently hearing 07 nos. WP's related to Abadi land disputes. The petitioners are challenging the UP Govt. resumption order dated 21.02.2013, of their Abadi land. The court has issued a status quo order in 04 WPs on different dates. On 24.07.2023, the court had ordered the parties to attend mediation at the Mediation and Conciliation Center of the Hon'ble Court in Lucknow. The 13th round mediation was held on 08.01.2024. However, the proceeding of the mediation has been closed by the mediator due to non-agreement. The interim order will remain in force until the next date of hearing. The 04 nos. WP's out of 07 WP's were listed for hearing on 21.08.2024 under Top ten cases. The matter was heard on 22.08.2024 and Hon'ble court has reserved the judgment. <p>B. Private land: 15 houses of area 0.250 hectare (0.618 Acres) 15 Structure/ houses are on Private land of Salahpur Rajor village in Main plant area.</p>


एस० एन० पाण्डेय/S. N. PANDEY
प्रबन्धक (मा.सं.-आर एण्ड आर)
Manager (H.R.-R&R)
एनटीपीसी लि० टाण्डा/NTPC Ltd. Tanda
विद्युत नगर/Vidyut Nagar
अम्बेडकर नगर/Ambekar Nagar
पिन-224238 (उ०प्र०)/Pin-224238 (U.P)

Virendra Bhatt, Shri Gajendra Yadav and Shri Manoj Kumar Gupta, learned counsel appearing for the petitioners in all these writ petitions and Shri Sudeep Seth, learned Senior Advocate assisted by Shri Atul Kumar Dwivedi, for the N.T.P.C., the intervener and Shri Manish Mishra, learned Additional Chief Standing Counsel appearing for the State-Respondents.

Judgment is reserved.

Order Date :- 22.8.2024
N.PAL