

Petition No : .....



**A Maharatna Company**

***Mauda STPS Stage-II***

***2x660MW***

**TARIFF PETITION FOR THE PERIOD  
01.04.2019 TO 31.03.2024**

**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-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of ***Mauda Super Thermal Power Station Stage-II (1320 MW)*** for the period from **01.04.2019 to 31.03.2024.**

**INDEX**

<b>Sl. No.</b>	<b>Description</b>	<b>Page No.</b>
1	Petition for Approval of Tariff of Mauda-II for the period from 01.04.2019 to 31.03.2024	1-8
2	Affidavit	9-10
3	Appendix-I	11-116

**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-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of ***Mauda Super Thermal Power Station Stage-II (1320 MW)*** for the period from 01.04.2019 to 31.03.2024.

**AND**  
**IN THE MATTER OF**

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

- Respondents
1. Madhya Pradesh Power Management Company Limited,  
Shakti Bhawan, Vidyut Nagar,  
Jabalpur 482 008
  2. Maharashtra State Electricity Distribution Co Ltd.  
Prakashgad, Bandra (East),  
Mumbai 400 051
  3. Gujarat UrjaVikas Nigam Ltd.(GUVNL)  
VidyutBhavan, Race Course  
Vadodara – 390 007
  4. Chattisgarh State Power Distribution Co. Ltd.,  
P.O. Sundar Nagar,  
Danganiya, Raipur – 492013

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- 5 Government of Goa,  
Chief Engineer (Electricals)  
Electricity Department, Vidyut Bhawan,  
Panaji, Goa-403001
- 6 Electricity Department,  
Administration of Daman & Diu  
Daman-396 210
- 7 Electricity Department,  
Administration of Dadra & Nagar Haveli,  
Silvasa-396230

The Petitioner humbly states that:

- 1) The Petitioner herein NTPC Ltd. (hereinafter referred to as '**Petitioner**' or '**NTPC**'), is a company incorporated under provisions of the Company Act, 1956 and a Government Company as defined under Section 2(45) of the Companies Act, 2013. Further, NTPC is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.
- 2) In terms of Section 79(1)(a) of Electricity Act, 2003, the Hon'ble Commission has been vested with the functions to regulate the tariff of NTPC, being a Generating Company owned and controlled by the Central Government. The regulation of the tariff of NTPC is as provided under Section 79(1)(a) read with Section 61, 62 and 64 of the Electricity Act, 2003 and the Regulations notified by the Hon'ble Commission in exercise of powers under Section 178 read with Section 61 of the Electricity Act, 2003.
- 3) The Petitioner is having power stations/ projects at different regions and places in the country. Mauda Super Thermal Power Station Stage – II (2x660 MW) (hereinafter referred to as MAUDA-II ) is one such station located in the State of Maharashtra. The power generated from MAUDA-II is being supplied to the respondents herein above.
- 4) The Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 (hereinafter 'Tariff Regulations 2019') which came into force from 01.04.2019, specifying the terms & conditions and methodology of tariff determination for the period 01.04.2019 to 31.03.2024.

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5) Regulation 9(2) of Tariff Regulations 2019 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 31.10.2019, based on admitted capital cost including additional capital expenditure already admitted and incurred up to 31.3.2019 (either based on actual or projected additional capital expenditure) and estimated additional capital expenditure for the respective years of the tariff period 2019-24 along with the true up petition for the period 2014-19 in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2014.”*

The date of filing of Tariff Petition for the period 2019-24 has subsequently been extended by Hon'ble Commission vide order dated 28.10.2019 in Petition No. 331/MP/2019.

In terms of above, the Petitioner is filing the present petition for determination of tariff for MAUDA-II for the period from 01.04.2019 to 31.03.2024 as per the Tariff Regulations 2019.

- 6) The tariff of the MAUDA-II for the tariff period 1.4.2014 to 31.3.2019 was determined by the Hon'ble Commission vide its order dated 05.04.2019 in Petition No.142/GT/2016 in accordance with the CERC (Terms & Conditions of Tariff) Regulations 2014. The petitioner vide affidavit dated 07.01.2020 had filed a separate true up petition for the period 01.04.2014 to 31.03.2019 for revision of tariff in line with the applicable provisions of Tariff Regulations 2014.
- 7) It is submitted that Hon'ble Commission vide order dated 05.04.2019 in Petition no 142/GT/2016 has allowed a capital cost of Rs 6927.8019 Cr. as on 31.03.2019 based on the admitted projected capital expenditure for the 2014-19 period. However, the actual closing capital cost as on 31.03.2019 has been worked out in the foresaid true-up petition as Rs. 6795.4426 Crs based on the actual expenditure after truing up exercise for the period 2014-19. Accordingly, the Petitioner has adjusted an amount of Rs. (-) 132.36 Cr from the admitted capital cost as on 31.03.2019 and accordingly the opening capital cost

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as on 01.04.2019 has been considered as Rs 6795.4426 Cr. in the instant petition. The Hon'ble Commission may be pleased to accordingly adopt this adjustment in the admitted capital cost as on 31.3.2019 and determine the tariff in the present petition for the period 2019-24.

- 8) The capital cost claimed in the instant petition is based on the opening capital cost as on 01.04.2019 considered as above and projected estimated capital expenditures claimed for the period 2019-24 under Regulation 19 and Regulation 24, 25 and 26 of the Tariff Regulations, 2019.
- 9) The Petitioner further respectfully submits that as per Regulation 35(1)(6) of the Tariff Regulations 2019, the water charges, security expenses and capital spares consumed for thermal generating stations are to be allowed separately. The details in respect of water charges such as type of cooling water system, water consumption, rate of water charges as applicable for 2018-19 have been furnished below. Water charges claimed is escalated @3.5% year on year and same may be allowed in tariff based on the same for the 2019-24. 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 Colling system
Consumption of Water	30.95 MCM
Rate of Water charges	5.28 Rs/m <sup>3</sup>
Total Water Charges	1471.40 lacs*

\*Escalated @3.5% from 2019-20 onwards

- 10) Similarly, the Petitioner is claiming the security expenses based on the estimated expenses for the period 2019-24, 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

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the Regulation 35 (1)(6) based on actual consumption of spares during the period 2019-24

11) The present petition is filed on the basis of norms specified in the Tariff Regulations 2019. It is submitted that the petitioner is in the process of installing the Emission Control Systems (ECS) in compliance of the Revised Emission Standards as notified by MOEF vide notification dated 07.12.2015 as amended. Completion of these schemes in compliance of revised emission norms will effect the station APC, Heat Rate , O&M expenses etc. In addition the availability of the unit/ station would be also effected due to shutdown of the units for installation of ECS. The petitioner would be filing the details of the same in a separate petition in terms of the Regulation 29 of Tariff Regulations 2019. The tariff of the instant petition would undergo changes consequent to the order of the Hon'ble Commission in the said ECS petition.

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

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

*a) Award of fly ash transportation contract through a transparent competitive bidding procedure. Alternatively, the schedule rates of the respective State Governments, as applicable for transportation of fly ash.*

*b) Details of the actual additional expenditure incurred on Ash transportation after 25.1.2016, duly certified by auditors.*

*c) Details of the Revenue generated from sale of fly ash/ fly ash products and the expenditure incurred towards Ash utilisation up to 25.1.2016 and from 25.1.2016 to till date, separately.*

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d) Revenue generated from fly Ash sales maintained in a separate account as per the MoEF notification.

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

Petitioner has claimed the additional expenditure towards ash transportation charges for the period 2017-18 and 2018-19 in the true-up petition filed vide affidavit dated 07.01.2020 in respect of the instant station.

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

- 13) It is submitted that Hon'ble Commission has prescribed boiler efficiency and turbine heat rate separately for deriving the unit heat rate where the Unit Heat Rate is not guaranteed by the suppliers. It is submitted that the instant station was envisaged during the period 2009-14 and equipments including SG and TG specifications for tendering / award was stipulated considering the boiler efficiency and the turbine heat rate prescribed by the Hon'ble Commission in the Tariff Regulations at that time. Based on the same the equipments were ordered through international competitive bidding. It was not possible for the petitioner to specify the efficiency parameters at the time of finalizing the contracts on the instant station as per the efficiency parameters specified in Tariff Regulations 2019-24 which are more stringent. .

In a similar case, 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:

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*"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 this would have increased the capital cost commensurate to the efficiency parameters sought. The benefit of the lower capital cost due to 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 85.4% the unit heat rate would be worked out to be 2239.80 kcal/kwh and the operating margin available over the design heat rate would be 4.3% 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 submissions it is prayed that Gross Station Heat rate may be allowed based on guaranteed turbine cycle heat rate of 1834.5 Kcal/kwh and boiler efficiency of 85.4% with a operating margin of 5 % from the guaranteed design value. 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%.

- 14) It is submitted that the Petitioner has already paid the requisite filing fee vide UTR No. CMS1106438370 on 22.04.2019 for the year 2019-20 and the details of the same have been duly furnished to the Hon'ble Commission vide our letter dtd. 25.04.2019. For the subsequent years, it shall be paid as per the provisions of the CERC (Payment of Fees) Regulations, 2012 as amended. Further Regulation 70 (1) of Tariff Regulations 2019 provides that the application fee and publication expenses may be allowed to be recovered directly from the beneficiaries at the discretion of the Hon'ble Commission. Accordingly, it is prayed that Hon'ble Commission may be pleased to allow recover filing fee and publication fee directly from the beneficiaries.

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- 15) The petitioner has accordingly calculated the tariff for 2019-24 period based on the above and the same is enclosed as **Appendix-I** to this petition.
- 16) It is submitted 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. [www.ntpc.co.in](http://www.ntpc.co.in)
- 17) It is submitted that the petitioner is filing this tariff petition subject to the outcome of its various appeals/ petitions pending before different courts. Besides, the petitions filed by NTPC for determination of capital base as on 31.3.2014 through true-up exercise are pending before the Hon'ble Commission and would take some time. The Petitioner, therefore, reserves its right to amend the tariff petition as per the outcome in such appeals/ petitions, if required.

### Prayers

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

- i) Approve tariff of Mauda STPS-II for the tariff period 01.04.2019 to 31.03.2024.
- ii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries.
- iii) Allow reimbursement of Ash Transportation Charges directly from the beneficiaries quarterly on net basis.
- iv) Consider station heat rate based on design heat rate with applicable operating margin.
- v) Pass any other order as it may deem fit in the circumstances mentioned above.

  
Petitioner

New Delhi  
28.01.2020

**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-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of ***Mauda Super Thermal Power Station Stage-II (2X660 MW)*** for the period from **01.04.2019 to 31.03.2024.**

**AND**

**IN THE MATTER OF**

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

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

**AFFIDAVIT**

I, Sachin Jain, son of Shri S. S Jain aged about 41 years, resident of Flat no 2302, Ashoka Enclave Plot 8 A Sector-11, Dwarka, New Delhi-110075 do solemnly affirm and state as under:

1. That I am the Deputy General Manager (Commercial) in NTPC Ltd. and am well conversant with the facts of the case and am competent to swear the present affidavit.
2. That I have read the contents of the accompanying Petition filed by NTPC and have understood the contents of the same.



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3. That the contents of the accompanying Petition being filed by NTPC are based on information available with the petitioner in the normal course of business and believed by the deponent to be true.

*Pooni*  
(Deponent)

**Verification:**

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

Verified at New Delhi on this ..... day of January 2020.

*Pooni*  
(Deponent)



Solemnly affirmed before me, read over & explained to the deponent.

*[Signature]*  
Notary Public. DELHI

28 JAN 2020

**TARIFF FILING FORMS (THERMAL)**

**FOR DETERMINATION OF TARIFF**

**FOR**

**Mauda Super Thermal Power Station Stage-II (1320 MW)**

**(From 01.04.2019 to 31.03.2024)**

**PART-I**

**ANNEXURE-I**

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

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM- 1	Summary of Tariff	✓
FORM -1 (I)	Statement showing claimed capital cost	✓
FORM -1 (II)	Statement showing Return on Equity	✓
FORM-2	Plant Characteristics	✓
FORM-3	Normative parameters considered for tariff computations	✓
FORM-3A**	Statement showing O&M Expenses	✓
FORM-3B**	Statement of Special Allowance	NA
FORM- 4	Details of Foreign loans	✓
FORM- 4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	✓
FORM-5A**	Abstract of Claimed Capital Cost for the existing Projects	✓
FORM- 6	Financial Package upto COD	NA
FORM- 7	Details of Project Specific Loans	✓
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	***

## Provided yearwise for the period 2019-24

PART-I

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

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM-A	Abstract of Capital Cost Estimates	NA
FORM-B	Break-up of Capital Cost for Coal/Lignite based projects	NA
FORM-C	Break-up of Capital Cost for Gas/Liquid fuel based Projects	NA
FORM-D	Break-up of Construction/Supply/Service packages	NA
FORM-E	Details of variables , parameters , optional package etc. for New Project	NA
FORM-F	Details of cost over run	NA
FORM-G	Details of time over run	NA
FORM -H	Statement of Additional Capitalisation during end of the useful life	
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

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

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**List of supporting documents for tariff filing for Thermal Stations**

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

\*\* To be submitted at the thime of truing up

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## Summary of Tariff

Name of the Petitioner:		NTPC Limited													
Name of the Generating Station:		Mauda Super Thermal Power Station Stage-II (1320 MW)													
Place (Region/District/State):		Western Region/ Nagpur/ Maharashtra													
S. No.	Particulars	Unit	Existing						Amount in Rs. Lakhs						
			2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	4	5	6	7	8	9	
1	2	3													
1.1	Depreciation	Rs Lakh	34,709.05	36,672.19	38,388.28	39,000.18	39,143.54	39,143.54							
1.2	Interest on Loan	Rs Lakh	26,406.55	26,601.06	26,013.20	24,064.25	21,592.52	18,777.25							
1.3	Return on Equity	Rs Lakh	39,359.91	39,638.04	41,491.78	42,152.04	42,306.99	42,306.97							
1.4	Interest on Working Capital	Rs Lakh	14,079.14	11,327.19	11,460.96	11,505.73	11,501.29	11,511.92							
1.5	O&M Expenses	Rs Lakh	29,401.04	29,386.96	31,056.24	32,161.60	32,731.46	33,916.42							
1.6	Special Allowance (If applicable)	Rs Lakh	0.00	0.00	0.00	0.00	0.00	0.00							
1.7	Compensation Allowance (If applicable - relevant for column 4 only)	Rs. Lakh													
	<b>Total</b>	Rs Lakh	<b>143955.69</b>	<b>143625.44</b>	<b>148410.45</b>	<b>148883.80</b>	<b>147275.79</b>	<b>145656.10</b>							
2.1	Landed Fuel Cost (coal/gas/RLNG/ liquid)	Rs/Ton			4273.22										
	(%) of Fuel Quantity	(%)			100%										
2.2	Landed Fuel Cost Imported Coal as per FSA approved by beneficiaries														
	(%) of Fuel Quantity														
2.3	Landed Fuel Cost ( coal/gas /RLNG/liquid) other than FSA	Rs/Ton													
	(%) of Fuel Quantity	(%)													
2.4	Landed Fuel Cost Imported Coal other than FSA.														
	(%) of Fuel Quantity														
2.5	Secondary fuel oil cost	Rs/Unit												0.027	
	Energy Charge Rate ex-bus (Paise/kWh) 2A, 2B, 2C, 2D	Rs/Unit												2.833	

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(Petitioner)



Name of the Petitioner: NTPC Limited

Name of the Generating Station: Mauda Super Thermal Power Station Stage-II (1320 MW)

Amount in Rs. Lakhs

**Statement showing claimed capital cost – (A+B)**

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	6,79,544.26	7,27,407.11	7,45,383.11	7,50,883.11	7,50,883.11
2	Add: Addition during the year/period	47,862.85	17,976.00	5,500.00	-	-
3	Less: De-capitalisation during the year/period	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-
5	Add: Discharges during the year/ period	-	-	-	-	-
6	Closing Capital Cost	7,27,407.11	7,45,383.11	7,50,883.11	7,50,883.11	7,50,883.11
7	<b>Average Capital Cost</b>	<b>7,03,475.69</b>	<b>7,36,395.11</b>	<b>7,48,133.11</b>	<b>7,50,883.11</b>	<b>7,50,883.11</b>

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

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	679544.26	727407.11	745313.11	750813.11	750813.11
2	Add: Addition during the year / period	47862.85	17906.00	5500.00	0.00	0.00
3	Less: De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year / period	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	727407.11	745313.11	750813.11	750813.11	750813.11
7	<b>Average Capital Cost</b>	<b>703475.69</b>	<b>736360.11</b>	<b>748063.11</b>	<b>750813.11</b>	<b>750813.11</b>

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

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	0.00	0.00	70.00	70.00	70.00
2	Add: Addition during the year / period	0.00	70.00	0.00	0.00	0.00
3	Less: De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year / period	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	0.00	70.00	70.00	70.00	70.00
7	<b>Average Capital Cost</b>	<b>0.00</b>	<b>35.00</b>	<b>70.00</b>	<b>70.00</b>	<b>70.00</b>

*[Signature]*  
(Petitioner)

15

Name of the Petitioner:

NTPC Limited

Name of the Generating Station:

Mauda Super Thermal Power Station Stage-II (1320 MW)

**Statement showing Return on Equity at Normal Rate**

Amount in Rs. Lakhs

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
	<b>Return on Equity</b>					
1	Gross Opening Equity (Normal)	2,03,863.27	2,18,222.13	2,23,593.93	2,25,243.93	2,25,243.925
2	Less: Adjustment in Opening Equity	0	0			
3	Adjustment during the year	0	0	0.00	0.00	0.00
4	Net Opening Equity (Normal)	2,03,863.26	2,18,222.12	2,23,593.93	2,25,243.93	2,25,243.93
5	Add: Increase in equity due to addition during the year / period	14358.86	5371.80	1650.00	0.00	0.00
7	Less: Decrease due to De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
8	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
9	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00
10	Net closing Equity (Normal)	2,18,222.12	2,23,593.92	2,25,243.93	2,25,243.93	2,25,243.93
11	Average Equity (Normal)	2,11,042.69	2,20,908.02	2,24,418.93	2,25,243.93	2,25,243.93
12	Rate of ROE (%)	18.782	18.782	18.782	18.782	18.782
13	Total ROE	39,638.04	41,490.94	42,150.36	42,305.31	42,305.31

*Paw*  
(Petitioner)

16

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Mauda Super Thermal Power Station Stage-II (1320 MW)

**Statement showing Return on Equity at Normal Rate**

Amount in Rs. Lakhs

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
<b>Return on Equity (beyond the original scope of work excluding additional capitalization due to Change in Law)</b>						
1	Gross Opening Equity (Normal)	0.00	0.00	21.00	21.00	21.00
2	Less: Adjustment in Opening Equity	0.00	0.00	0.00	0.00	0.00
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	0.00	0.00	21.00	21.00	21.00
5	Add: Increase in equity due to addition during the year / period	0.00	21.00	0.00	0.00	0.00
7	Less: Decrease due to De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
8	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
9	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00
10	Net closing Equity (Normal)	0.00	21.00	21.00	21.00	21.00
11	Average Equity (Normal)	0.00	10.50	21.00	21.00	21.00
12	Rate of ROE (%)	7.864	7.972	7.991	7.983	7.884
13	Total ROE	<b>0.00</b>	<b>0.84</b>	<b>1.68</b>	<b>1.68</b>	<b>1.66</b>

*Pays*  
(Petitioner)

(17)

## Plant Characteristics

Name of the Petitioner	NTPC Limited	
Name of the Generating Station	Mauda Super Thermal Power Station Stage-II (1320 MW)	
Unit(s)/Block(s)/Parameters	Unit-I	Unit-II
Installed Capacity ( MW)	Unit-I	Unit-II
Schedule COD as per Investment Approval	660	660
Actual COD /Date of Taken Over (as applicable)	19.05.2016	19.11.2016
Pit Head or Non Pit Head	1.02.2017	18.09.2017
Name of the Boiler Manufacture	Non pit head	Non pit head
Name of Turbine Generator Manufacture	BHEL/ Alstom	BHEL/ Alstom
Main Steams Pressure at Turbine inlet (kg/Cm <sup>2</sup> ) abs <sup>1</sup> .	BHEL	BHEL
Main Steam Temperature at Turbine inlet (°C) <sup>1</sup>	247	247
Reheat Steam Pressure at Turbine inlet (kg/Cm <sup>2</sup> ) <sup>1</sup>	565	565
Reheat Steam Temperature at Turbine inlet (°C) <sup>1</sup>	50.14	50.14
Main Steam flow at Turbine inlet under MCR condition (tons /hr) <sup>2</sup>	593	593
Main Steam flow at Turbine inlet under VVO condition (tons /hr) <sup>2</sup>	1944.4	1944.4
Unit Gross electrical output under MCR /Rated condition (MW) <sup>2</sup>	2064.8	2064.8
Unit Gross electrical output under VVO condition (MW) <sup>2</sup>	660	660
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh) <sup>3</sup>	693	693
	1834.5	1834.5
Conditions on which design turbine cycle heat rate guaranteed( kcal/kwhr)		
% MCR	100%	
% Makeup Water Consumption	0%	0%
Design Capacity of Make up Water System(% of throttle steam flow)	5255m3/Hr	5255m3/Hr
Design Capacity of Inlet Cooling System	72000cum/hr	72000cum/hr
Design Cooling Water Temperature (°C)	33	33
Back Pressure(Average condenser pressure in mmHg(A))	0.1047	0.1047
Steam flow at super heater outlet under BMCR condition (tons/hr)	2120	2121
Steam Pressure at super heater outlet under BMCR condition) (kg/Cm <sup>2</sup> )	255 (g)	256 (g)
Steam Temperature at super heater outlet under BMCR condition (°C)	568	568
Steam Temperature at Reheater outlet at BMCR condition (°C)	596	596
Design Guaranteed Boiler Efficiency (%) <sup>4</sup>	85.4 @ 100% TMCR	85.4 @ 100% TMCR
Design Fuel with and without Blending of domestic/imported coal		
(GCV ) Domestic Design coal	3300 kcal/kg	3300 kcal/kg
Blended Coal(Domestic Design 70%+ Imported 30%)		
Type of Cooling Tower	IDCT	IDCT
Type of cooling system <sup>5</sup>	Closed cycle	Closed cycle
Type of Boiler Feed Pump <sup>6</sup>	2 X 50 % TDBFP,2x30% MDBFP	2 X 50 % TDBFP,2x30% MDBFP
Fuel Details <sup>7</sup>		
-Primary Fuel	coal	coal
-Secondary Fuel	LDO	LDO
-Alternate Fuels		
Special Features/Site Specific Features <sup>8</sup>		
Special Technological Features <sup>9</sup>		
Environmental Regulation related features <sup>10</sup>	ESP	ESP
Any other special features	FGD & Denox under implementation	
1: At Turbine MCR condition.		
2: with 0% (Nil) make up and design Cooling water temperature		
3: at TMCR output based on gross generation, 0% (Nil) makeup and design Cooling water temperature.		
4: With Performance coal based on Higher Heating Value (HHV) of fuel and at BMCR) out put		
5: Closed circuit cooling, once through cooling, sea cooling, natural draft cooling, induced draft cooling etc.		
6: Motor driven, Steam turbine driven etc.		
7: Coal or natural gas or Naptha or lignite etc.		
8: Any site specific feature such as Merry-Go-Round, Vicinity to sea, Intake /makeup water systems etc. scrubbers etc. Specify all such features		
9: Any Special Technological feature like Advanced class FA technology in Gas Turbines, etc.		
10: Environmental Regulation related features like FGD, ESP etc.,		

  
 (PETITIONER)

Normative parameters considered for tariff computations

Name of the Petitioner:	NTPC Limited						
Name of the Generating Station:	Mauda Super Thermal Power Station Stage-II (1320 MW)						
(Year Ending March)							
Particulars	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
Base Rate of Return on Equity SS	%	15.50	15.50	15.50	15.50	15.50	15.50
Base Rate of Return on Equity on Add. Capitalization** SS	%	-	6.490	6.579	6.594	6.588	6.506
Effective Tax Rate	%	21.5490%	17.4720	17.4720	17.4720	17.4720	17.4720
Target Availability	%	85.00	85.00				
In High Demand Season	%	-	-	85.00	85.00	85.00	85.00
Peak Hours	%	-	-	85.00	85.00	85.00	85.00
Off-Peak Hours	%	-	-	85.00	85.00	85.00	85.00
In Low Demand Season(Off-Peak)	%	-	-	85.00	85.00	85.00	85.00
Peak Hours	%	-	-	85.00	85.00	85.00	85.00
Off-Peak Hours	%	-	-	85.00	85.00	85.00	85.00
Auxiliary Energy Consumption	%	5.75	6.25	6.25	6.25	6.25	6.25
Gross Station Heat Rate	kCal/kWh	2229.13	2255.53	2255.53	2255.53	2255.53	2255.53
Specific Fuel Oil Consumption	ml/kWh	0.50	0.50	0.50	0.50	0.50	0.50
Cost of Coal/Lignite for WC1	in Days	45	50	50	50	50	50
Cost of Main Secondary Fuel Oil for WC1	in Months	2	2	2	2	2	2
Fuel Cost for WC2	in Months						
Liquid Fuel Stock for WC2	in Months						
O&M Expenses	Rs lakh/MW	18.38	20.26	20.97	21.71	22.47	23.26
Maintenance Spares for WC	% of O&M	20.00	20.00	20.00	20.00	20.00	20.00
Receivables for WC	in Days	60	45	45	45	45	45
Storage capacity of Primary fuel	MT	1220000			1070000		
SBI 1 Year MCLR plus 350 basis point <sup>3</sup>	%	12.60	12.05	12.05	12.05	12.05	12.05
Blending ratio of domestic coal/imported coal							

\*\* Rate of Return on Add - cap beyond original scope and excluding Change in Law

SS Additional RoE due to better ramp rate would be claimed at the time of true-up or as per guidelines to be issued

*[Signature]*  
Petitioner

**Calculation of O&M Expenses**

Name of the Company :	NTPC Limited
Name of the Power Station :	Mauda Super Thermal Power Station Stage-II (1320 MW)

Amount in Rs. Lakhs

S.No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	7	8
1	<b>O&amp;M expenses under Reg.35(1)</b>					
1a	Normative	26743.20	27680.40	28657.20	29660.40	30703.20
2	<b>O&amp;M expenses under Reg.35(6)</b>					
2a	Water Charges	1522.90	1576.20	1631.37	1688.47	1747.56
2b	Secutiry expenses	1120.86	1799.64	1873.03	1382.59	1465.66
2c	Capital Spares**	0.00	0.00	0.00	0.00	0.00
3	O&M expenses-Ash Transportation**	0.00	0.00	0.00	0.00	0.00
	<b>Total O&amp;M Expenses</b>	<b>29386.96</b>	<b>31056.24</b>	<b>32161.60</b>	<b>32731.46</b>	<b>33916.42</b>

\*\* Shall be provided at the time of truing up

*P. M.*  
Petitioner

**DETAILS OF FOREIGN LOANS**

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

**NTPC LIMITED**  
Mouda -II

31-03-2019 USD = Rs. 69.77 EUR = Rs. 78.84 JPY 0.6343

Financial Year (Starting from COD)	3.60% (Amount in Lacs)				3.60% (Amount in Lacs)				3.60% (Amount in Lacs)			
	1	2	3	4	1	2	3	4	1	2	3	4
A. Currency 1 USD												
1. At the date of draw	02-10-2018	180.17	69.77	12,570.11	01-04-2020	180.17	69.77	12,570.11	01-04-2021	180.17	69.77	12,570.11
Net loan at the Beginning of the period	01-04-2019	180.17	0.00	-	01-04-2020	180.17	69.77	12,570.11	01-04-2021	180.17	69.77	12,570.11
Schedule repayment date of principal												
2. Scheduled repayment date of interest	02-04-2019	4.28	69.77	298.54	02-04-2020	4.28	69.77	298.54	02-04-2021	4.28	69.77	298.54
3. Withholding tax including surcharge on interest	02-04-2019	0.25	69.77	17.24	02-04-2020	0.25	69.77	17.24	02-04-2021	0.25	69.77	17.24
4. Schedule repayment date of principal												
5. Scheduled repayment date of interest	02-10-2019	4.28	69.77	298.54	02-10-2020	4.28	69.77	298.54	02-10-2021	4.28	69.77	298.54
6. Withholding tax including surcharge on interest	02-10-2019	0.25	69.77	17.24	02-10-2020	0.25	69.77	17.24	02-10-2021	0.25	69.77	17.24
7. At the end of Financial year	31-03-2020	180.17	69.77	12,570.11	31-03-2021	180.17	69.77	12,570.11	31-03-2022	180.17	69.77	12,570.11

Financial Year (Starting from COD)	0 13.45% (Amount in Lacs)			
	1	2	3	4
A. Currency 1 USD				
1. At the date of draw	15-11-2018	336.36	69.77	23,467.79
Net loan at the Beginning of the period	01-04-2019	336.36	69.77	23,467.79
Schedule repayment date of principal				
2. Scheduled repayment date of interest	15-05-2019	7.20	69.77	502.05
3. Withholding tax including surcharge on interest	15-05-2019	0.04	69.77	2.90
4. Schedule repayment date of interest	29-07-2019	2.98	69.77	208.03
5. Withholding tax including surcharge on interest	29-07-2019	0.0172	69.77	1.20
6. Schedule repayment date of principal	29-07-2019	168.18	69.77	11,733.89
7. Withholding tax including surcharge on interest	29-01-2020	0.0211	69.77	1.47
At the end of Financial year	31-03-2020	168.18	69.77	11,733.89

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21

**DETAILS OF FOREIGN LOANS**  
(Details only in respect of loans applicable to the project under petition)

Name of the company  
**NTPC LIMITED**  
Name of the Power Station  
**Mouda-II**

Financial Year (Starting from COD)	(Amount in Laacs)				(Amount in Laacs)				(Amount in Laacs)				(Amount in Laacs)			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
2019-20 (01.04.2019 to 31.03.2020)																
1. At the date of draw	01-01-2019	519.28	78.84	40,940.11	01-04-2020	519.28	78.84	40,940.11	01-04-2021	519.28	78.84	40,940.11	01-04-2022	519.28	78.84	40,940.11
2. Loan repayment upto previous period	01-04-2019	86.56	78.84	6,824.32	01-04-2020	129.82	78.84	10,304.87	01-04-2021	173.09	78.84	14,129.76	01-04-2022	216.35	78.84	17,965.11
3. Net loan at the beginning of the period	01-04-2019	432.72	78.84	34,115.80	01-04-2020	389.46	78.84	30,704.87	01-04-2021	346.19	78.84	27,280.95	01-04-2022	302.93	78.84	23,883.02
4. Scheduled repayment date of principal	30-06-2019	21.63	78.84	1,705.46	30-06-2020	21.63	78.84	1,705.46	30-06-2021	21.63	78.84	1,705.46	30-06-2022	21.63	78.84	1,705.46
5. Withholding tax including surcharge on interest	30-06-2019	5.25	78.84	413.90	30-06-2020	4.75	78.84	374.60	30-06-2021	4.22	78.84	332.99	30-06-2022	3.70	78.84	291.37
6. Scheduled repayment date of principal	31-12-2019	21.63	78.84	1,705.46	31-12-2020	21.63	78.84	1,705.46	31-12-2021	21.63	78.84	1,705.46	31-12-2022	21.63	78.84	1,705.46
7. Withholding tax including surcharge on interest	31-12-2019	5.02	78.84	395.41	31-12-2020	4.49	78.84	353.79	31-12-2021	3.96	78.84	312.18	31-12-2022	3.43	78.84	270.57
At the end of Financial year	31-03-2020	389.46	78.84	30,704.87	31-03-2021	346.19	78.84	27,293.95	31-03-2022	302.93	78.84	23,883.02	31-03-2023	259.67	78.84	20,472.10

Financial Year (Starting from COD)	(Amount in Laacs)				(Amount in Laacs)				(Amount in Laacs)				(Amount in Laacs)			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
2020-21 (01.04.2020 to 31.03.2021)																
1. At the date of draw	15-03-2020	550.00	78.84	43,362.00	01-04-2021	550.00	78.84	43,362.00	01-04-2022	550.00	78.84	43,362.00	01-04-2023	550.00	78.84	43,362.00
2. Loan repayment upto previous period	01-04-2020	103.13	78.84	8,130.71	01-04-2021	171.88	78.84	13,949.59	01-04-2022	240.63	78.84	19,799.22	01-04-2023	309.38	78.84	25,648.60
3. Net loan at the beginning of the period	01-04-2020	446.87	78.84	35,231.29	01-04-2021	378.12	78.84	29,810.98	01-04-2022	306.45	78.84	24,849.70	01-04-2023	240.62	78.84	19,700.10
4. Scheduled repayment date of principal	15-09-2020	34.38	78.84	2,710.13	15-09-2021	34.38	78.84	2,710.13	15-09-2022	34.38	78.84	2,710.13	15-09-2023	34.38	78.84	2,710.13
5. Withholding tax including surcharge on interest	15-09-2020	7.24	78.84	570.75	15-09-2021	6.13	78.84	482.94	15-09-2022	5.01	78.84	395.13	15-09-2023	3.90	78.84	307.32
6. Scheduled repayment date of principal	15-03-2020	34.38	78.84	2,710.13	15-03-2021	34.38	78.84	2,710.13	15-03-2022	34.38	78.84	2,710.13	15-03-2023	34.38	78.84	2,710.13
7. Withholding tax including surcharge on interest	15-03-2020	6.68	78.84	526.84	15-03-2021	5.57	78.84	439.03	15-03-2022	4.45	78.84	351.23	15-03-2023	3.34	78.84	263.42
At the end of Financial year	31-03-2020	378.12	78.84	29,810.98	31-03-2021	309.37	78.84	24,390.73	31-03-2022	240.62	78.84	19,970.48	31-03-2023	171.87	78.84	13,550.23

Financial Year (Starting from COD)	(Amount in Laacs)				(Amount in Laacs)				(Amount in Laacs)				(Amount in Laacs)			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
2021-22 (01.04.2021 to 31.03.2022)																
1. At the date of draw	26-11-2018	484.59	69.77	33,809.81	01-04-2021	484.59	69.77	33,809.81	01-04-2022	484.59	69.77	33,809.81	01-04-2023	484.59	69.77	33,809.81
2. Loan repayment upto previous period	01-04-2019	484.59	69.77	33,809.81	01-04-2020	484.59	69.77	33,809.81	01-04-2021	484.59	69.77	33,809.81	01-04-2022	484.59	69.77	33,809.81
3. Net loan at the beginning of the period	01-04-2019	484.59	69.77	33,809.81	01-04-2020	484.59	69.77	33,809.81	01-04-2021	484.59	69.77	33,809.81	01-04-2022	484.59	69.77	33,809.81
4. Scheduled repayment date of principal	26-05-2019	10.60	69.77	739.59	26-05-2020	10.60	69.77	739.59	26-05-2021	10.60	69.77	739.59	26-05-2022	10.60	69.77	739.59
5. Withholding tax including surcharge on interest	26-05-2019	0.61	69.77	42.71	26-05-2020	0.61	69.77	42.71	26-05-2021	0.61	69.77	42.71	26-05-2022	0.61	69.77	42.71
6. Scheduled repayment date of principal	26-11-2019	10.60	69.77	739.59	26-11-2020	10.60	69.77	739.59	26-11-2021	10.60	69.77	739.59	26-11-2022	10.60	69.77	739.59
7. Withholding tax including surcharge on interest	26-11-2019	0.61	69.77	42.71	26-11-2020	0.61	69.77	42.71	26-11-2021	0.61	69.77	42.71	26-11-2022	0.61	69.77	42.71
At the end of Financial year	31-03-2020	484.59	69.77	33,809.81	31-03-2021	484.59	69.77	33,809.81	31-03-2022	484.59	69.77	33,809.81	31-03-2023	484.59	69.77	33,809.81

*for*

22



**DETAILS OF FOREIGN LOANS**

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

**NTPC LIMITED**  
Mouda -II

Name of the company  
Name of the Power Station

Financial Year (Starting from COD)	2019-20 (01.04.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)			
	1 Date	2 Amount (FC)	3 Ex. Rate	4 Amount (INR)	1 Date	2 Amount (FC)	3 Ex. Rate	4 Amount (INR)	1 Date	2 Amount (FC)	3 Ex. Rate	4 Amount (INR)
<b>Currency 1 USD</b>												
At the date of draw	15-01-2019	3.50	69.77	244.28	01-04-2020	3.50	69.77	244.28	01-04-2021	3.50	69.77	244.28
Loan repayment upto previous period	18-09-2017	-	-	-	01-04-2020	0.88	69.77	61.07	01-04-2021	2.63	0.00	-
Net loan at the Beginning of the period	01-04-2019	3.50	69.77	244.28	01-04-2020	2.63	69.77	183.21	01-04-2021	0.88	69.77	61.07
Schedule repayment date of principal	15-07-2019	0.07	69.77	5.05	26-09-2020	0.88	69.77	61.07	26-09-2021	0.88	69.77	61.07
Scheduled payment date of interest	15-07-2019	0.00	69.77	0.29	26-09-2020	0.06	69.77	3.85	26-09-2021	0.02	69.77	1.28
Withholding tax including surcharge on interest	15-07-2019	0.00	69.77	0.00	26-09-2020	0.00	69.77	0.22	26-09-2021	0.00	69.77	0.07
Schedule repayment date of principal	15-01-2020	0.07	69.77	5.14	26-03-2021	0.88	69.77	61.07				
Scheduled payment date of interest	15-01-2020	0.00	69.77	0.30	26-03-2021	0.04	69.77	2.53				
Withholding tax including surcharge on interest	15-01-2020	0.00	69.77	0.00	26-03-2021	0.00	69.77	0.15				
Schedule repayment date of principal	26-03-2020	0.88	69.77	61.07								
Scheduled payment date of interest	26-03-2020	0.007	69.77	0.45								
Withholding tax including surcharge on interest	26-03-2020	0.000	69.77	0.03								
<b>At the end of Financial year</b>	31-03-2020	<b>2.63</b>	<b>69.77</b>	<b>183.21</b>	31-03-2021	<b>0.88</b>	<b>69.77</b>	<b>61.07</b>	31-03-2022	-	<b>69.77</b>	-

Financial Year (Starting from COD)	2019-20 (01.04.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)			
	1 Date	2 Amount (FC)	3 Ex. Rate	4 Amount (INR)	1 Date	2 Amount (FC)	3 Ex. Rate	4 Amount (INR)	1 Date	2 Amount (FC)	3 Ex. Rate	4 Amount (INR)
<b>Currency 1 USD</b>												
At the date of draw	15-01-2019	159.85	69.77	11,152.65	01-04-2020	159.85	69.77	11,152.65	01-04-2021	159.85	69.77	11,152.65
Loan repayment upto previous period	01-04-2019	-	-	-	01-04-2020	39.96	69.77	2,788.16	01-04-2021	119.89	69.77	8,364.49
Net loan at the Beginning of the period	01-04-2019	159.85	69.77	11,152.65	01-04-2020	119.89	69.77	8,364.49	01-04-2021	39.96	69.77	2,788.16
Schedule repayment date of principal	15-07-2019	3.31	69.77	230.72	26-09-2020	39.96	69.77	2,788.16	26-09-2021	39.96	69.77	2,788.16
Scheduled payment date of interest	15-07-2019	0.19	69.77	13.32	26-09-2020	2.52	69.77	175.91	26-09-2021	0.84	69.77	58.64
Withholding tax including surcharge on interest	15-07-2019	0.00	69.77	0.00	26-09-2020	0.15	69.77	10.16	26-09-2021	0.05	69.77	3.39
Schedule repayment date of principal	15-01-2020	3.36	69.77	234.54	26-03-2021	39.96	69.77	2,788.16				
Scheduled payment date of interest	15-01-2020	0.19	69.77	13.55	26-03-2021	1.65	69.77	115.36				
Withholding tax including surcharge on interest	15-01-2020	0.00	69.77	0.00	26-03-2021	0.10	69.77	6.66				
Schedule repayment date of principal	26-03-2020	39.96	69.77	2,788.16								
Scheduled payment date of interest	26-03-2020	0.297	69.77	20.72								
Withholding tax including surcharge on interest	26-03-2020	0.017	69.77	1.20								
<b>At the end of Financial year</b>	31-03-2020	<b>119.89</b>	<b>69.77</b>	<b>8,364.49</b>	31-03-2021	<b>39.96</b>	<b>69.77</b>	<b>2,788.16</b>	31-03-2022	-	<b>69.77</b>	-

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23

**DETAILS OF FOREIGN LOANS**  
(Details only in respect of loans applicable to the project under petition)

Name of the company: **NTPC LIMITED**  
Name of the Power Station: **Mouda-II**

Financial Year (Starting from COD)	8.24%				4.31%				0.82%				
	2019-20 (01.04.2019 to 31.03.2020)		2020-21 (01.04.2020 to 31.03.2021)		2021-22 (01.04.2021 to 31.03.2022)		2022-23 (01.04.2022 to 31.03.2023)		2023-24 (01.04.2023 to 31.03.2024)		2024-25 (01.04.2024 to 31.03.2025)		
	1	2	3	4	1	2	3	4	1	2	3	4	
A. Currency 1 USD	26-02-2019	412.07	69.77	28,749.83	412.07	69.77	28,749.83	412.07	69.77	28,749.83	412.07	69.77	28,749.83
1. At the date of draw	01-04-2019	412.07	69.77	28,749.83	412.07	69.77	28,749.83	412.07	69.77	28,749.83	412.07	69.77	28,749.83
2. Loan repayment upto previous period	01-04-2019	412.07	69.77	28,749.83	412.07	69.77	28,749.83	412.07	69.77	28,749.83	412.07	69.77	28,749.83
3. Net loan at the beginning of the period	26-08-2019	8.76	69.77	610.93	8.76	69.77	610.93	8.76	69.77	610.93	8.76	69.77	610.93
4. Scheduled repayment date of interest	26-08-2019	0.51	69.77	35.28	0.51	69.77	35.28	0.51	69.77	35.28	0.51	69.77	35.28
5. Withholding tax including surcharge on interest	26-08-2019	0.51	69.77	35.28	0.51	69.77	35.28	0.51	69.77	35.28	0.51	69.77	35.28
6. Schedule repayment date of principal	26-02-2020	8.76	69.77	610.93	8.76	69.77	610.93	8.76	69.77	610.93	8.76	69.77	610.93
7. Scheduled repayment date of interest	26-02-2020	0.51	69.77	35.28	0.51	69.77	35.28	0.51	69.77	35.28	0.51	69.77	35.28
8. Withholding tax including surcharge on interest	26-02-2020	0.51	69.77	35.28	0.51	69.77	35.28	0.51	69.77	35.28	0.51	69.77	35.28
9. At the end of Financial year	31-03-2020	412.07	69.77	28,749.83	412.07	69.77	28,749.83	412.07	69.77	28,749.83	412.07	69.77	28,749.83

Financial Year (Starting from COD)	4.31%				4.31%				4.31%				
	2019-20 (01.04.2019 to 31.03.2020)		2020-21 (01.04.2020 to 31.03.2021)		2021-22 (01.04.2021 to 31.03.2022)		2022-23 (01.04.2022 to 31.03.2023)		2023-24 (01.04.2023 to 31.03.2024)		2024-25 (01.04.2024 to 31.03.2025)		
	1	2	3	4	1	2	3	4	1	2	3	4	
A. Currency 1 EURO	01-02-2019	215.45	78.84	16,986.24	215.45	78.84	16,986.24	215.45	78.84	16,986.24	215.45	78.84	16,986.24
1. At the date of draw	01-04-2019	215.45	78.84	16,986.24	215.45	78.84	16,986.24	215.45	78.84	16,986.24	215.45	78.84	16,986.24
2. Loan repayment upto previous period	01-04-2019	215.45	78.84	16,986.24	215.45	78.84	16,986.24	215.45	78.84	16,986.24	215.45	78.84	16,986.24
3. Net loan at the beginning of the period	01-02-2020	5.92	78.84	467.12	5.92	78.84	467.12	5.92	78.84	467.12	5.92	78.84	467.12
4. Scheduled repayment date of interest	01-02-2020	0.34	78.84	26.98	0.34	78.84	26.98	0.34	78.84	26.98	0.34	78.84	26.98
5. Withholding tax including surcharge on interest	01-02-2020	0.34	78.84	26.98	0.34	78.84	26.98	0.34	78.84	26.98	0.34	78.84	26.98
6. Schedule repayment date of principal	31-03-2020	215.45	78.84	16,986.24	215.45	78.84	16,986.24	215.45	78.84	16,986.24	215.45	78.84	16,986.24
7. Scheduled repayment date of interest	31-03-2020	215.45	78.84	16,986.24	215.45	78.84	16,986.24	215.45	78.84	16,986.24	215.45	78.84	16,986.24
8. Withholding tax including surcharge on interest	31-03-2020	215.45	78.84	16,986.24	215.45	78.84	16,986.24	215.45	78.84	16,986.24	215.45	78.84	16,986.24
9. At the end of Financial year	31-03-2020	215.45	78.84	16,986.24	215.45	78.84	16,986.24	215.45	78.84	16,986.24	215.45	78.84	16,986.24

Financial Year (Starting from COD)	0.82%				0.82%				0.82%				
	2019-20 (01.04.2019 to 31.03.2020)		2020-21 (01.04.2020 to 31.03.2021)		2021-22 (01.04.2021 to 31.03.2022)		2022-23 (01.04.2022 to 31.03.2023)		2023-24 (01.04.2023 to 31.03.2024)		2024-25 (01.04.2024 to 31.03.2025)		
	1	2	3	4	1	2	3	4	1	2	3	4	
A. Currency 1 INR	03-05-2018	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40
1. At the date of draw	18-09-2017	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40
2. Loan repayment upto previous period	01-04-2019	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40
3. Net loan at the beginning of the period	03-05-2019	118.57	1.00	118.57	118.57	1.00	118.57	118.57	1.00	118.57	118.57	1.00	118.57
4. Scheduled repayment date of interest	03-05-2019	6.85	1.00	6.85	6.78	1.00	6.78	6.78	1.00	6.78	6.78	1.00	6.78
5. Withholding tax including surcharge on interest	03-05-2019	6.85	1.00	6.85	6.78	1.00	6.78	6.78	1.00	6.78	6.78	1.00	6.78
6. Schedule repayment date of principal	31-03-2020	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40
7. Scheduled repayment date of interest	31-03-2020	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40
8. Withholding tax including surcharge on interest	31-03-2020	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40
9. At the end of Financial year	31-03-2020	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40	1,635.40	1.00	1,635.40

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24

**DETAILS OF FOREIGN LOANS**  
(Details only in respect of loans applicable to the project under petition)

Name of the company  
Name of the Power Station

NTPC LIMITED  
Mouda-II

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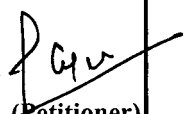
	2019-20 (01.04.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	
Financial Year (Starting from COD)																					
JPY Equ. 350Million A																					
Currency 1 JPY		3,885.47	0.63	2,464.55	01-04-2020	3,885.47	0.63	2,464.55	01-04-2021	3,885.47	0.63	2,464.55	01-04-2022	3,885.47	0.63	2,464.55	01-04-2023	3,885.47	0.63	2,464.55	
At the date of draw																					
Loan repayment upto previous period																					
Schedule repayment date of principal	01-04-2019	3,885.47	0.63	2,464.55	01-04-2020	3,885.47	0.63	2,464.55	01-04-2021	3,885.47	0.63	2,464.55	01-04-2022	3,885.47	0.63	2,464.55	01-04-2023	3,885.47	0.63	2,464.55	
Schedule repayment date of interest	12-04-2019	18.84	0.63	11.95	12-04-2020	18.95	0.63	12.02	12-04-2021	18.84	0.63	11.95	12-04-2022	18.84	0.63	11.95	12-04-2023	18.84	0.63	11.95	
Withholding tax, including surcharge on interest	12-04-2019	1.09	0.63	0.69	12-04-2020	1.09	0.63	0.69	12-04-2021	1.09	0.63	0.69	12-04-2022	1.09	0.63	0.69	12-04-2023	1.09	0.63	0.69	
Schedule repayment date of principal	12-10-2019	18.95	0.63	12.02	12-10-2020	18.95	0.63	12.02	12-10-2021	18.95	0.63	12.02	12-10-2022	18.95	0.63	12.02	12-10-2023	18.95	0.63	12.02	
Schedule repayment date of interest	12-10-2019	1.09	0.63	0.69	12-10-2020	1.09	0.63	0.69	12-10-2021	1.09	0.63	0.69	12-10-2022	1.09	0.63	0.69	12-10-2023	1.09	0.63	0.69	
Withholding tax, including surcharge on interest	31-03-2020	3,885.47	0.63	2,464.55	31-03-2021	3,885.47	0.63	2,464.55	31-03-2022	3,885.47	0.63	2,464.55	31-03-2023	3,885.47	0.63	2,464.55	31-03-2024	3,885.47	0.63	2,464.55	
At the end of Financial year																					

	2019-20 (01.04.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	
Financial Year (Starting from COD)																					
JPY Equ. 350Million B																					
Currency 1 JPY		1,744.54	0.63	1,106.56	01-04-2020	1,744.54	0.63	1,106.56	01-04-2021	1,744.54	0.63	1,106.56	01-04-2022	1,744.54	0.63	1,106.56	01-04-2023	1,744.54	0.63	1,106.56	
At the date of draw																					
Loan repayment upto previous period																					
Schedule repayment date of principal	01-04-2019	1,744.54	0.63	1,106.56	01-04-2020	1,744.54	0.63	1,106.56	01-04-2021	1,744.54	0.63	1,106.56	01-04-2022	1,744.54	0.63	1,106.56	01-04-2023	1,744.54	0.63	1,106.56	
Schedule repayment date of interest	12-04-2019	8.46	0.63	5.37	12-04-2020	8.51	0.63	5.40	12-04-2021	8.46	0.63	5.37	12-04-2022	8.46	0.63	5.37	12-04-2023	8.46	0.63	5.37	
Withholding tax, including surcharge on interest	12-04-2019	0.49	0.63	0.31	12-04-2020	0.49	0.63	0.31	12-04-2021	0.49	0.63	0.31	12-04-2022	0.49	0.63	0.31	12-04-2023	0.49	0.63	0.31	
Schedule repayment date of principal	12-10-2019	8.51	0.63	5.40	12-10-2020	8.51	0.63	5.40	12-10-2021	8.51	0.63	5.40	12-10-2022	8.51	0.63	5.40	12-10-2023	8.51	0.63	5.40	
Schedule repayment date of interest	12-10-2019	0.49	0.63	0.31	12-10-2020	0.49	0.63	0.31	12-10-2021	0.49	0.63	0.31	12-10-2022	0.49	0.63	0.31	12-10-2023	0.49	0.63	0.31	
Withholding tax, including surcharge on interest	31-03-2020	1,744.54	0.63	1,106.56	31-03-2021	1,744.54	0.63	1,106.56	31-03-2022	1,744.54	0.63	1,106.56	31-03-2023	1,744.54	0.63	1,106.56	31-03-2024	1,744.54	0.63	1,106.56	
At the end of Financial year																					

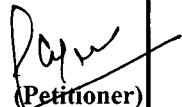
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25

**Abstract of Admitted Capital Cost for the existing Projects**

<b>Name of the Company :</b>		NTPC Limited	
<b>Name of the Power Station :</b>		Mauda Super Thermal Power Station Stage-II (1320 MW)	
			In Rs Lakh
Last date of order of Commission for the project		<b>Date (DD-MM-YYYY)</b>	05.04.2019
Reference of petition no. in which the above order was passed		<b>Petition no.</b>	142/GT/2016
Following details (whether admitted and /or considered) as on the last date of the period for which tariff is approved, in the above order by the Commission: (as on 31.03.2019)			692780.58
Capital cost		<b>(Rs. in lakh)</b>	
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)			
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)			60425.85
Gross Normative Debt			484946.41
Cumulative Repayment			65297.32
Net Normative Debt			419649.08
Normative Equity			207834.17
Cumulative Depreciation			65297.32
Freehold land			0
			 (Petitioner)

**Abstract of Claimed Capital Cost for the existing Projects**

<b>Name of the Company :</b>	NTPC Limited	
<b>Name of the Power Station :</b>	Mauda Super Thermal Power Station Stage-II (1320 MW)	
Reference of Final True-up Tariff Petition	<b>Affidavit dated</b>	
Capital Cost as on 31.03.2014 as per Hon'ble Commission's Order dated 05.04.2019 In Pet. No. 142/GT/2016	<b>Rs. Lakhs</b>	692780.58
Adjustment as per Para (7) of this petition		-13236.32
Following details as considered by the Petitioner as on the last date of the period for which final true-up tariff is claimed:		
Capital cost as on 01.04.2019	<b>(Rs. in lakh)*</b>	679544.26
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)		38320.48
Gross Normative Debt		4,75,680.99
Cumulative Repayment		64,214.41
Net Normative Debt		4,11,466.58
Normative Equity		2,03,863.27
Cumulative Depreciation		64,553.45
Freehold land		0
 (Petitioner)		

Form-7

Name of the Company		
Name of the Power Station	Mauda-II	Mauda-II
Particulars		
Source of Loan	KfW Mauda-II (ECA)	KfW Mauda-II ESP & Others
Currency	EUR	EUR
Amount of loan sanctioned	5,20,00,000.00	5,50,00,000.00
Amount of Gross Loan drawn upto 17.09.2017	5,19,28,100.00	4,50,00,000.00
Amount of Gross Loan drawn after 17.09.2017		1,00,00,000.00
Interest Type	Fixed	Fixed
Fixed Interest Rate, if applicable	2.44%	3.24%
Base Rate, if floating interest	-	-
Margin, if floating interest rate	-	-
Are there any Caps / Floor	NO	NO
If above is Yes, specify Caps / Floor	-	-
Moratorium Period	3 Years 9 Months	4 Years 3 Months
Moratorium effective from	12-Sep-2013	18-Dec-2013
Repayment period	24 Installemnts	16 Installemnts
Repayment effective from	30-Jun-2017	15-Mar-2018
Repayment frequency	Semi Annual	Semi Annual
Repayment installment	EUR 2,163,195/- each except first of EUR 2,166,320/-	EUR 3,437,500/-
Base Exchange Rate (17.09.2017)	77.29	77.29
Base Exchange Rate (27.12.2017)		76.38
Name of the Projects	Mauda-II	Mauda-II

(20)

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**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 :		
Rate of Interest as on 01.04.2019	8.45%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years :	
Moratorium effective from :	11.07.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	04.12.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	TAPOVAN VISHNUGAD	9,00,00,000
	SOLAPUR	9,00,00,000
	GADARWARA	36,00,00,000
	UNCHA HAR STPP IV	15,00,00,000
	NORTH KARANPURA	4,00,00,000
	DARLIPALLI	48,00,00,000
	TANDA-II	9,00,00,000
	ANANTPUR SOLAR	9,00,00,000
	MOUDA-II	20,00,00,000
	KUDGI	31,00,00,000
	PAKRI BARWADIH	10,00,00,000
<b>Total Allocated Amount</b>		<b>2,00,00,00,000</b>

(29)

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Form 8  
TRANCHE NO

BP NO 5050000421

T00001

D00007

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:	30.09.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Rate of Interest as on 01.04.2019	8.45%	
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 :	30.09.2016	
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	5,00,00,000
	MOUDA-II	15,00,00,000
	TELANGANA	20,00,00,000
	VINDHYACHAL-IV	10,00,00,000
	MOUDA-I	35,00,00,000
	BARH-I	45,00,00,000
	CHATTI BARIATU	5,00,00,000
	RAMMAM	5,00,00,000
	TAPOVAN VISHNUGAD	5,00,00,000
	SOLAPUR	55,00,00,000
<b>Total Allocated Amount</b>		<b>2,00,00,00,000</b>

(30)

*Payee*



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 :		
Rate of Interest as on 01.04.2019	8.45%	
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
<b>Total Allocated Amount</b>		<b>2,00,00,00,000</b>

(31)

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Form 8  
TRANCHE NO

BP NO 5050000521

T00001

D00003

Unsecured Loan From HDFC Bank Ltd.-IV		
Source of Loan :	HDFC Bank Ltd.-IV	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	2,00,00,00,000	
Date of drawl	01.09.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Rate of Interest as on 01.04.2019	8.45%	
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 :	01.09.2017	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	17.04.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BONGAIGAON	40,00,00,000
	MANDSAUR SOLAR PV	30,00,00,000
	MOUDA-II	30,00,00,000
	LARA	1,00,00,00,000
<b>Total Allocated Amount</b>		<b>2,00,00,00,000</b>

32

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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 :		
Rate of Interest as on 01.04.2019	8.45%	
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
<b>Total Allocated Amount</b>		<b>5,00,00,00,000</b>

33

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Form 8  
TRANCHE NO

BP NO 5050000561

T00001

D00007

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 :	1,50,00,00,000	
Date of drawl	01.01.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Rate of Interest as on 01.04.2019	8.45%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	01.01.2018	
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
	BONGAIGOAN	11,00,00,000
	DARLIPALLI	25,00,00,000
	RAMMAM	10,00,00,000
	KHARGONE	77,00,00,000
	BHADLA SOLAR PV	2,00,00,000
	ROJMAL WIND	3,00,00,000
	MOUDA-II	22,00,00,000
<b>Total Allocated Amount</b>		<b>1,50,00,00,000</b>

(34)

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Form 8  
TRANCHE NO

BP NO 5050000341

T00001

D00003

Unsecured Loan From J & K BANK-III		
Source of Loan :	J & K BANK-III	
Currency :	INR	
Amount of Loan :	6,00,00,00,000	
Total Drawn amount :	50,00,00,000	
Date of Drawal :	28.03.2013	
Interest Type :	Floating	
Fixed Interest Rate :		
Rate of Interest as on 01.04.2019	8.30%	
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 :	5 YEARS	
Moratorium effective from :	28.03.2013	
Repayment Period (Inc Moratorium) :	15 YEARS	
Repayment Frequency :	10 Equal Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	18.12.2018	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	LARA-I	30,00,00,000.00
	MOUDA-II	20,00,00,000.00
<b>Total Allocated Amount</b>		<b>50,00,00,000.00</b>

35

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**Form 8  
TRANCHE NO**

BP NO 5050000341

T00001

D00006

Unsecured Loan From J & K BANK-III		
Source of Loan :	J & K BANK-III	
Currency :	INR	
Amount of Loan :	6,00,00,00,000	
Total Drawn amount :	50,00,00,000	
Date of Drawal :	26.03.2014	
Interest Type :	Floating	
Fixed Interest Rate :		
Rate of Interest as on 01.04.2019	8.30%	
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 :	5 YEARS	
Moratorium effective from :	26.03.2014	
Repayment Period (Inc Moratorium) :	15 YEARS	
Repayment Frequency :	10 Equal Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	18.12.2018	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	MOUDA-II	50,00,00,000.00
<b>Total Allocated Amount</b>		<b>50,00,00,000.00</b>

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36

**Form 8  
TRANCHE NO**

BP NO 5050000511

T00001

D00001

Unsecured Loan From Bank of Karnataka Bank		
Source of Loan :	Jammu & Kashmir Bank-IV	
Currency :	INR	
Amount of Loan :	7,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawl:	31.03.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Rate of Interest as on 01.04.2019	8.30%	
Margin, If Floating Interest :		
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	Nil	
Moratorium effective from :	31.03.2017	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	2,10,00,00,000.00
	BONGAIGAON	62,00,00,000.00
	KUDGI	35,00,00,000.00
	MOUDA-II	36,00,00,000.00
	SOLAPUR	40,00,00,000.00
	TAPOVAN VISHNUGAD	46,00,00,000.00
	SIMHADRI-II	52,00,00,000.00
	PAKRI BARWADIH COAL M	19,00,00,000.00
<b>Total Allocated Amount</b>		<b>5,00,00,00,000.00</b>

37

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Form E  
TRANCHE NO

BP NO 5050000511

T00001

D00002

Unsecured Loan From Jammu & Kashmir Bank-IV		
Source of Loan :	Jammu & Kashmir Bank-IV	
Currency :	INR	
Amount of Loan :	7,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawl:	17.04.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Rate of Interest as on 01.04.2019	8.30%	
Margin, If Floating Interest :		
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	Nil	
Moratorium effective from :	17.04.2017	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KUDGI	10,00,00,000.00
	MOUDA-II	95,00,00,000.00
	BARH - II	30,00,00,000.00
	VINDHYACHAL-V	22,00,00,000.00
	KOLDAM	38,00,00,000.00
	RIHAND-III	5,00,00,000.00
<b>Total Allocated Amount</b>		<b>2,00,00,00,000.00</b>

(38)

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Form 8  
TRANCHE NC

BP NO 5050000531

T00001

D0005

Unsecured Loan From SBI-IX		
Source of Loan :	SBI-IX	
Currency :	INR	
Amount of Loan :	30,00,00,00,000	
Total Drawn amount :	2,15,00,00,000	
Date of Drawal:	13.11.2017	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	13.11.2017	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	KUDGI	1,00,00,00,000
	LARA	20,00,00,000
	MOUDA-II	33,00,00,000
	TAPOVAN VISHNUGAD	57,00,00,000
	KOLDAM	5,00,00,000
<b>Total Allocated Amount</b>		<b>2,15,00,00,000.00</b>

Paper

39

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 :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	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
<b>Total Allocated Amount</b>		<b>5,00,00,00,000.00</b>

40

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Form 8  
TRANCHE NO

BP NO 5050000261

T00001

D00003

Unsecured Loan From SBI-VII		
Source of Loan :	SBI-VII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	5,00,00,00,00,000	
Date of drawl	21.04.2012	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	D00003 - 0.75%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	21.04.2012	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	30.09.2015	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KOLDAM	71,00,00,000.00
	TAPOVAN	52,00,00,000.00
	BONGAIGAON	46,00,00,000.00
	BARH-I	18,00,00,000.00
	BARH-II	54,00,00,000.00
	RIHAND-III	5,00,00,000.00
	KUDGI-I	1,45,00,00,000.00
	SOLAPUR	63,00,00,000.00
	MOUDA-II	37,00,00,000.00
	TANDA-R&M	9,00,00,000.00
<b>Total Allocated Amount</b>		<b>5,00,00,00,000.00</b>

(41)

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Form 8  
TRANCHE NO

BP NO 5050000261

T00001

D00004

Unsecured Loan From SBI-VII		
Source of Loan :	SBI-VII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	5,00,00,00,00,000	
Date of Drawl	29.06.2012	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	D00004= 0.75%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	29.06.2012	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	30.09.2015	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BONGAIGAON	25,00,00,000.00
	BARH-I	90,00,00,000.00
	MOUDA-I	50,00,00,000.00
	VINDHYACHAL-IV	50,00,00,000.00
	RIHAND III	40,00,00,000.00
	KUDGI-I	15,00,00,000.00
	SOLAPUR	45,00,00,000.00
	MOUDA-II	1,85,00,00,000.00
<b>Total Allocated Amount</b>		<b>5,00,00,00,000.00</b>

(42)

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Form 8  
TRANCHE NO

BP NO 5050000261

T00001

D00006

Unsecured Loan From SBI-VII		
Source of Loan :	SBI-VII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	5,00,00,00,00,000	
Date of Drawl	28.09.2012	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	D00006=0.495%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	28.09.2012	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	30.09.2015	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KOLDAM	45,00,00,000
	SIMHADRI-II	50,00,00,000
	VINDHYACHAL-IV	30,00,00,000
	SIPAT-I	75,00,00,000
	BARH-I	15,00,00,000
	MOUDA-I	20,00,00,000
	RIHAND III	20,00,00,000
	KUDGI-I	40,00,00,000
	MOUDA-II	50,00,00,000
	FARAKKA-III	15,00,00,000
	GANDHAR-R&M	40,00,00,000
	BONGAIGAON	1,00,00,00,000
<b>Total Allocated Amount</b>		<b>5,00,00,00,000.00</b>

43

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**Form 8  
TRANCHE NO**

BP NO 5050000261

T00001

D00008

Unsecured Loan From SBI-VII		
Source of Loan :	SBI-VII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	5,00,00,00,00,000	
Date of Drawl	11.03.2013	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	D00008= 0.495%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	11.03.2013	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	30.09.2015	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KOLDAM	35,00,00,000
	SOLAPUR	30,00,00,000
	VINDHYACHAL-V	38,00,00,000
	TAPOVAN	18,00,00,000
	BARH-I	57,00,00,000
	MOUDA-II	26,00,00,000
	RIHAND III	32,00,00,000
	KUDGI-I	38,00,00,000
	DADRI SOLAR PV	19,00,00,000
	A&N SOLAR PV	20,00,00,000
	LARA-I	20,00,00,000
	BONGAIGAON	34,00,00,000
	FARAKKA-III	27,00,00,000
	SIMHADRI-II	20,00,00,000
	SINGRAULI-R&M	10,00,00,000
	TTPS-R&M	15,00,00,000
	KAWAS-R&M	15,00,00,000
	GANDHAR-R&M	8,00,00,000
	TSTPP-R&M	10,00,00,000
	RAMAGUNDAM-R&M	8,00,00,000
	BADARPUR-R&M	20,00,00,000
<b>Total Allocated Amount</b>		<b>5,00,00,00,000.00</b>

44

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**Form 8  
TRANCHE NO**

**BP NO 5050000261**

**T00001**

**D00016**

<b>Unsecured Loan From SBI-VII</b>		
Source of Loan :	<b>SBI-VII</b>	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	5,00,00,00,00,000	
Date of Drawl	01.02.2014	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	D00016= 0.25%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	01.02.2014	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	30.09.2015	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	MOUDA-I	50,00,00,000
	VINDHYACHAL-IV	50,00,00,000
	RIHAND-III	65,00,00,000
	MOUDA-II	1,80,00,00,000
	BARH-II	25,00,00,000
	SINGRAULI-R&M	30,00,00,000
	RAMAGUNDAM-R&M	15,00,00,000
	KORBA-R&M	20,00,00,000
	VINDHYACHAL-V	35,00,00,000
	KAWAS-R&M	20,00,00,000
	BADARPUR-R&M	10,00,00,000
<b>Total Allocated Amount</b>		<b>5,00,00,00,000.00</b>

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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 :	10,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	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.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	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
	UNCHA HAR-IV	41,00,00,000
	VINDHYACHAL-V	57,00,00,000
<b>Total Allocated Amount</b>		<b>10,00,00,00,000.00</b>

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46



Form 8  
TRANCHE NO

BP NO 5050000442

T00001

D0005

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	5,00,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	23.09.2015	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	BARH-I	20,00,00,000
	BONGAIGAON	10,00,00,000
	DARLIPALLI	55,00,00,000
	GADARWARA	1,55,00,00,000
	KUDGI	1,30,00,00,000
	LARA	45,00,00,000
	MOUDA-II	35,00,00,000
	SOLAPUR	30,00,00,000
	UNCHAHAR-IV	20,00,00,000
<b>Total Allocated Amount</b>		<b>5,00,00,00,000.00</b>

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(47)

Form 6  
**TRANCHE NO**

**BP NO 5050000442**

**T00001**

**D0006**

Unsecured Loan From SB-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00.000	
Total Drawn amount :	1,50,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	14.10.2015	
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.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	UNCHAHAR-IV	24,00,00,000
	TANDA-II	50,00,00,000
	MOUDA-II	76,00,00,000
<b>Total Allocated Amount</b>		<b>1,50,00,00,000.00</b>

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48

Form 5  
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 :	5,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	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.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	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
	UNCHAHRAR-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
<b>Total Allocated Amount</b>		<b>5,00,00,00,000</b>

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49

TRANCHE NO

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 :	3,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019 :	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment :	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	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
<b>Total Allocated Amount</b>		<b>3,00,00,00,000</b>

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50

**Form 8**  
**TRANCHE NO**

**BP NO 5050000442**

**T00001**

**D00012**

<b>Unsecured Loan From SBI-VIII</b>		
Source of Loan :	<b>SBI-VIII</b>	
Currency :	INR	
Amount of Loan :	1,00,00,00,00.000	
Total Drawn amount :	4,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	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.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	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
	UNCHA HAR-IV	12,00,00,000
	VINDHYACHAL-V	13,00,00,000
	MOUDA-I	20,00,00,000
<b>Total Allocated Amount</b>		<b>4,00,00,00,000</b>

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51

Form 8  
TRANCHE NO

BP NO 5050000442

T00001

D00013

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	4,00,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	01.12.2015	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	BARH-I	18,00,00,000
	BONGAIGOAN	14,00,00,000
	DARLIPALLI	45,00,00,000
	GADARWARA	50,00,00,000
	KUDGI	45,00,00,000
	LARA	72,00,00,000
	MOUDA-II	32,00,00,000
	SOLAPUR	45,00,00,000
	UNCHAHAAR-IV	21,00,00,000
	RAMMAM	15,00,00,000
	BARH-II	18,00,00,000
	VINDHYACHAL-IV	13,00,00,000
	MOUDA-I	12,00,00,000
<b>Total Allocated Amount</b>		<b>4,00,00,00,000</b>

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52

Form 8  
**TRANCHE NO**

BP NO 5050000442

T00001

D00015

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	1,50,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	29.01.2016	
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.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	BARH-I	35,00,00,000
	BONGAIGAON	20,00,00,000
	DARLIPALLI	20,00,00,000
	UNCHAHAR-IV	20,00,00,000
	GADARWARA	20,00,00,000
	MOUDA-II	20,00,00,000
	BARH-II	15,00,00,000
<b>Total Allocated Amount</b>		<b>1,50,00,00,000</b>

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53

**Form 8**  
**TRANCHE NO**

BP NO 5050000442

T00001

D00016

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	31.03.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	BARH-I	2,24,00,00,000
	BONGAIGAON	60,00,00,000
	MOUDA-II	29,00,00,000
	TAPOVAN VISHNUGARH	51,00,00,000
	SOLAPUR	36,00,00,000
	KUDGI-I	30,00,00,000
	ANANTPUR SOLAR	70,00,00,000
<b>Total Allocated Amount</b>		<b>5,00,00,00,000</b>

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54



**Form 8  
TRANCHE NO**

**BP NO 5050000442**

**T00001**

**D00021**

<b>Unsecured Loan From SBI-VIII</b>		
Source of Loan :	<b>SBI-VIII</b>	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	2,50,00,00,000	
Date of Drawl	21.09.2016	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	21.09.2016	
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.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	BONGAIGAON	40,00,00,000
	MOUDA-II	15,00,00,000
	KUDGI	84,00,00,000
	BARH-II	8,00,00,000
	KOLDAM	18,00,00,000
	RIHAND-III	57,00,00,000
	VINDHYACHAL-IV	21,00,00,000
	MOUDA-I	7,00,00,000
<b>Total Allocated Amount</b>		<b>2,50,00,00,000</b>

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55

**Form 8  
TRANCHE NO**

**BP NO 5050000741**

**T00001**

**D00002**

<b>Unsecured Loan From SBI-XII</b>		
Source of Loan :	<b>SBI-XII</b>	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	26,35,00,00,000	
Date of Drawal:	18.02.2019	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.35%	
Loan Refinancing Spread	0.10%	
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 :	18.02.2019	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2026	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	BARH-I	90,00,00,000.00
	FARAKKA-III	24,50,00,000.00
	GADARWARA	90,00,00,000.00
	KORBA-III	25,00,00,000.00
	LARA	1,00,00,00,000.00
	MOUDA-I	21,00,00,000.00
	MOUDA-II	2,25,00,00,000.00
	NCTPP-II	63,50,00,000.00
	NORTH KARANPURA	10,40,00,00,000.00
	PAKRI BARWADIH CMB	1,20,00,00,000.00
	SIMHADRI-II	21,00,00,000.00
	SOLAPUR	2,40,00,00,000.00
	TELANGANA	75,00,00,000.00
	KUDGI	2,00,00,00,000.00
	BARH-I	50,00,00,000.00
	NORTH KARANPURA	80,00,00,000
	TAPOVAN VISHNUGARH	20,00,00,000
	TELANGANA	1,50,00,00,000
<b>Total Allocated Amount</b>		<b>26,35,00,00,000.00</b>

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56

**Form 8  
TRANCHE NO**

BP NO 5050000311

T00001

D00009

Unsecured Loan From Syndicate Bank-III		
Source of Loan :	Syndicate Bank-III	
Currency :	INR	
Amount of Loan :	10,00,00,00,000	
Total Drawn amount :	50,00,00,000	
Date of Drawal:	26.03.2014	
Interest Type :	Floating	
Fixed Interest Rate :		
Rate of Interest as on 01.04.2019	8.45%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.03.2014	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly	
Repayment Type :	Average	
First Repayment Date :	01.12.2016	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	MOUDA-II	50,00,00,000
<b>Total Allocated Amount</b>		<b>50,00,00,000.00</b>

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Form 8  
TRANCHE NO

BP NO 5050000381

T00001

D00001

Unsecured Loan From Vijaya Bank-VI		
Source of Loan :	Vijaya Bank - VI	
Currency :	INR	
Amount of Loan :	2,85,00,00,000	
Total Drawn amount :	1,00,00,00,000	
Date of Drawal:	14.03.2014	
Interest Type :	Floating	
Fixed Interest Rate :		
Rate of Interest as on 01.04.2019	8.40%	
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 :	5 Years	
Moratorium effective from :	14.03.2014	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	10 Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	14.03.2020	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	MOUDA-II	1,00,00,00,000
<b>Total Allocated Amount</b>		<b>1,00,00,00,000</b>

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58

**Form 8**  
**TRANCHE NO**

BP NO 5050000381

T0001

D00002

Unsecured Loan From Vijaya Bank-VI		
Source of Loan :	Vijaya Bank - VI	
Currency :	INR	
Amount of Loan :	2,85,00,00,000	
Total Drawn amount :	50,00,00,000	
Date of Drawal:	26.03.2014	
Interest Type :	Floating	
Fixed Interest Rate :		
Rate of Interest as on 01.04.2019	8.40%	
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 :	5 Years	
Moratorium effective from :	26.03.2014	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	10 Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	14.03.2020	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	MOUDA-II	50,00,00,000
<b>Total Allocated Amount</b>		<b>50,00,00,000</b>

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59

Form 8  
TRANCHE NO

BP NO 5050000321

T00001

Unsecured Loan From Union Bank of India-II		
Source of Loan :	Union Bank of India - II	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	1,00,00,00,000	
Date of Drawal :	01.08.2012	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	8.50%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	01.08.2012	
Repayment Period (Inc Moratorium) :	14 Years	
Repayment Frequency :	20 Half Yearly	
Repayment Type :	AVG	
First Repayment Date :	01.02.2017	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	MOUDA-II	1,00,00,00,000
<b>Total Allocated Amount</b>		<b>1,00,00,00,000.00</b>

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Form 8  
TRANCHE NO

BP NO 5050000321

T00001

Unsecured Loan From Union Bank of India-II		
Source of Loan :	Union Bank of India - II	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	1,00,00,00,000	
Date of Drawal :	01.02.2014	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	8.50%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	01.08.2012	
Repayment Period (Inc Moratorium) :	14 Years	
Repayment Frequency :	20 Half Yearly	
Repayment Type :	AVG	
First Repayment Date :	01.02.2017	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	MOUDA-II	1,00,00,00,000
<b>Total Allocated Amount</b>		<b>1,00,00,00,000.00</b>

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61

Form 8  
**TRANCHE NO**

BP NO 5050000292

T00001

D00004

Unsecured Loan From United Bank of India-IV		
Source of Loan :	United Bank of India - IV	
Currency :	INR	
Amount of Loan :	2,50,00,00,000	
Total Drawn amount :	50,00,00,000	
Date of drawl	01.08.2012	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	8.40%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	29.03.2012	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly	
Repayment Type :	AVG	
First Repayment Date :	29.09.2016	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	MOUDA-II	50,00,00,000
<b>Total Allocated Amount</b>		<b>50,00,00,000.00</b>

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Form 8  
TRANCHE NO

BP NO 5050000721

T00001

D00001

Unsecured Loan From Corporation Bank-IV

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

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68

## Form 8- Domestic Bonds

Particulars	L 1A	L 2A	L 3A	L 1B
Source of Loan <sup>1</sup>	BONDS	BONDS	BONDS	BONDS
Currency <sup>2</sup>	INR	INR	INR	INR
Amount of Loan sanctioned	48803	24995	31203	20864
Interest Type <sup>6</sup>	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	8.41%	8.48%	8.66%	8.66%
Base Rate, if Floating Interest <sup>7</sup>	N/A	N/A	N/A	N/A
Margin, if Floating Interest <sup>8</sup>	N/A	N/A	N/A	N/A
Are there any Caps/Floor <sup>9</sup>	No	No	No	No
If above is yes,specify caps/floor				
Moratorium Period <sup>10</sup>	10 yrs.	15 yrs.	20 yrs.	10 yrs.
Moratorium effective from #	16.12.2013	16.12.2013	16.12.2013	16.12.2013
Repayment Period <sup>11</sup>	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment effective from	16.12.2023	16.12.2028	16.12.2033	16.12.2023
Repayment Frequency <sup>12</sup>	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment Instalment <sup>13,14</sup>	4880265000	2499459000	3120276000	2086391000
Base Exchange Rate <sup>16</sup>				
Door to Door Maturity	10 yrs.	15 yrs.	20 yrs.	10 yrs.

Name of the Projects				
Anantpur Solar				
ANTA				
AURAIYA				
Auraiya R & M				
Badarpur R&M				
BARH I	9,119	4,670	5,830	3,899
BARH-II	1,729	886	1,105	739
Bhadla Solar				
BONGAIGAON	1,813	928	1,159	775
Chatti Bariatu CMB				
Dadri Gas R & M				
DADRI GAS				
DARLIPALLI				
Dulanga CMB				
FARAKKA II				
FARAKKA III				
Farakka R & M				
FARIDABAD				
GADARWARA				
GANDHAR				
Gandhar R & M				
Kahaigaon II Phase I				
Kahaigaon II Phase II				
Khstpp R & M				
KAWAS				
Kawas R & M				

(64)

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## Form 8- Domestic Bonds

Particulars	L 1A	L 2A	L 3A	L 1B
Khargone				
KOLDAM	6,024	3,085	3,851	2,575
KORBA III				
Korba R & M				
Kudgi	3,904	2,000	2,496	1,669
LARA I	2,789	1,428	1,783	1,192
Lata Tapovan				
LOHARINAGPALA				
Mauda	2,844	1,457	1,819	1,216
Mauda II	3,765	1,928	2,407	1,610
Mandsaur Solar				
NCTPP				
NCTPP II				
NCTPP R & M				
NORTH KARANPURA				
Pakri Barwadih CMB				
Ramagundam I & II R & M				
RAMAGUNDAM III				
Rammam				
RIHAND II				
RIHAND III	1,645	843	1,052	703
Rihand R & M				
SIMHADRI				
Simhadari II				
Simhadari R & M				
Vidhyachal Hydro**				
Singrauli R & M				
Vindyachal Solar**				
SIPAT I				
SIPAT II				
SOLAPUR	2,231	1,143	1,426	954
TALCHER I				
TALCHER II				
Tanda II				
Tanda R & M				
Tapovan Vishnugad	1,924	986	1,230	823
Telangana				
TSTPP R & M				
TTPS R & M				
Unchahar R & M				
Unchahar IV	4,183	2,142	2,675	1,788
UNCHAHAR II				
Unchahar III				
VINDHYACHAL II				
Vindhyachal III				
Vindhyachal IV	1,673	857	1,070	715
Vindhyachal V	5,159	2,642	3,299	2,206
Vindhyachal R & M				
DADRI SOLAR				
A&N SOLAR				
RAMAGUNDAM SOLAR				
TALCHER SOLAR				
UNCHAHAR SOLAR				
FARIDABAD SOLAR				
RAJGARH SOLAR				
Talaipali Coal Mine				
CC				
<b>TOTAL</b>	<b>48,803</b>	<b>24,995</b>	<b>31,203</b>	<b>20,864</b>
	0.00	0.00	0.00	0.00

(65)

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## Form 8- Domestic Bonds

<u>L 2B</u>	<u>L 3B</u>	<u>54</u>	<u>59</u>	<u>61</u>	<u>62</u>
BONDS	BONDS	BONDS	BONDS	BONDS	BONDS
INR	INR	INR	INR	INR	INR
9139	39997	1030683	65500	107250	80000
Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
8.73%	8.91%	8.49%	8.33%	8.10%	7.58%
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
No	No	No	No	No	No
		N/A	N/A	N/A	N/A
15 yrs.	20 yrs.	8	5	5	10
16.12.2013	16.12.2013	25-03-2015	24-02-2016	27-05-2016	23-08-2016
Bullet Repayment	Bullet Repayment	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment	Installments Due on 27/05/2021, 27/05/2026 & 27/05/2031	Bullet Repayment
16.12.2028	16.12.2033	25-03-2023	24-02-2021	27-05-2021	23-08-2026
Bullet Repayment	Bullet Repayment	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment	Installments Due on 27/05/2021, 27/05/2026 & 27/05/2031	Bullet Repayment
913928000	3999681000	Installments 1st - 206,136.61 2nd - 412,273.22 3rd - 412,273.22	65500	Installments 1st - 35,750.00 2nd - 35,750.00 3rd - 35,750.00	80000
		N/A	N/A	N/A	N/A
15 yrs.	20 yrs.	10	5	15	10

		5,600	-	4,500	-
		-	-	-	-
		-	-	-	-
		-	-	-	-
		2,300	-	-	-
1,708	7,474	74,883	2,400	8,850	6,400
324	1,417	63,500	2,700	500	-
		-	-	5,000	-
339	1,486	54,000	3,900	3,000	6,100
		8,100	-	-	-
		600	-	-	-
		-	-	-	-
		49,200	-	5,000	5,400
		-	-	-	-
		-	-	-	-
		10,900	-	-	-
		2,000	-	-	-
		-	-	-	-
		81,000	6,300	7,500	3,200
		-	-	-	-
		4,300	-	-	-
		-	-	-	-
		1,800	-	-	-
		2,000	-	-	-
		-	-	-	-
		1,400	-	-	-

66

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# Form 8- Domestic Bonds

<u>63</u>	<u>64</u>	<u>65</u>	<u>66</u>
BONDS	BONDS	BONDS	BONDS
INR	INR	INR	INR
<b>67000</b>	<b>70000</b>	<b>70000</b>	<b>392500</b>
Fixed	Fixed	Fixed	Fixed
7.47%	7.49%	6.72%	7.37%
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
No	No	No	No
N/A	N/A	N/A	N/A
10	15	5	15
16-09-2016	07-11-2016	24-11-2016	14-12-2016
Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment
16-09-2026	07-11-2031	24-11-2021	14-12-2031
Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment
67000	70000	70000	392500
N/A	N/A	N/A	N/A
10	15	5	15

-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	9,300	18,800	46,300
-	-	-	2,000
-	-	-	-
-	6,800	1,100	12,700
-	-	-	300
-	-	-	-
-	-	-	-
10,100	7,500	10,000	36,400
-	-	-	25,400
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
8,600	2,500	5,300	28,100
-	-	-	-
-	-	-	-
-	-	-	600
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

(68)

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## Form 8- Domestic Bonds

<u>63</u>	<u>64</u>	<u>65</u>	<u>66</u>
3,100	3,200	4,200	24,700
-	-	-	900
-	-	-	900
-	-	-	-
14,400	5,000	8,700	30,300
8,400	8,600	5,100	39,500
-	-	-	-
-	-	-	-
-	-	-	3,200
4,400	3,300	1,400	11,000
-	-	-	-
-	-	-	-
-	-	-	-
11,300	1,800	6,000	32,300
-	4,300	-	6,000
-	-	-	-
-	-	-	-
-	-	-	2,000
-	-	-	-
-	-	-	3,200
-	-	-	-
-	-	-	-
-	-	-	2,000
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	1,700
-	-	-	-
-	5,100	4,000	25,300
-	-	-	-
-	-	-	500
3,400	2,900	3,400	21,600
-	-	-	-
-	5,500	-	8,400
-	-	-	5,800
-	-	-	-
-	-	-	-
3,300	3,500	2,000	14,700
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	3,100
-	700	-	3,600
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
<b>67,000</b>	<b>70,000</b>	<b>70,000</b>	<b>3,92,500</b>
0.00	0.00	0.00	0.00

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Name of the Company Name of the Power Station Particulars	2				3	4	5	6	7	8	9	10
	1	I	II	III								
4.75% Fixed Rate Notes due 2022	USD											
Amount of loan sanctioned	50,00,00,000	250,00,00,000										
Amount of Gross Loan drawn upto 17.09.2017 / COD	50,00,00,000	5,00,00,00,000	10,00,00,000									
Interest Type	Fixed	Floating										
Fixed Interest Rate, if applicable	4.75%											
Base Rate, if floating interest		6 Month LIBOR **										
Margin, if floating interest rate		1.85										
Are there any Caps / Floor	NO	NO										
If above is Yes, specify Caps / Floor												
Moratorium Period	10 Years	6 Years										
Moratorium effective from	03-Oct-2012	29-Jan-2013										
Repayment period	Bullet payment	1 Year										
Repayment effective from	03-Oct-2022	29-Jul-2019										
Repayment frequency	One time	Semi Annual										
Repayment installment	50,00,00,000	2 Half Yearly installments										
Base Exchange Rate (17.09.2017)	64.68	64.68										
Base Exchange Rate (12.10.2017)												
Base Exchange Rate (18.12.2017)												
Are foreign currency loan hedged	NO	NO										
If above is Yes, specify details												
Name of the Projects	%	%	%	%								
Koldam	6.4273%											
Sipat-I	1.0900%											
Bongalgaon	4.8526%											
Tapovan Vishnugad	3.1659%											
Rihand-III	9.5929%											
Barh-II	2.7617%											
Vindhyachal-IV	10.6301%											
Simhadri-II	3.9948%											
Mouda-I	8.4948%											
Barh-I	11.2669%											
Kudgi-I	5.0420%											
Lara-I	15.2668%											
Mouda-II	3.6033%											
Solapur	5.4994%											
Vindhyachal-V												
Gadawara												
Kawas R&M												
Gandhar R&M												
Auraya R&M												
Kotha R&M												
North Karanpura												
Daripalli												
Tanda-II												
Uncharhar-IV												
Kharanga												
Ramman												
Telengana												
Anantpur Solar												
Mandsaur												
Badli Solar												
Rajmal Wind												
Telengana												
Notes:-												

a) The interest rate is exclusive of withholding tax currently @ 5.46% w.e.f 01.04.2019 (Inclusive of surcharge & education cess)  
 b) The interest rate is exclusive of withholding tax currently @ 5.46% w.e.f 01.04.2019 (Inclusive of surcharge & education cess) on Mizuho portion (10% of Loan)\*\*  
 c) Base exchange rate are the SBI Bill selling rate as on 17.09.2017  
 d) Distribution of loan package to various projects is based on utilisation of loan as on 17.09.2017

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70



Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner: NTPC Limited  
 Name of the Generating Station: Mandu Super Thermal Power Station Stage-II (1320 MW)  
 COD: 18-09-2017  
 For Financial Year: 2019-24 (Summary)

Sl. No.	Head of Work, Equipment	ACE Claimed (Actual / Projected)					Regulation under which its is claimed	Amount in Rs Lakh
		2019-20	2020-21	2021-22	2022-23	2023-24		
1	Land & ROU, R&R	841	1,200.00				24(1)(b)&25(1)(d)	9
2	Roads/Bridges	402					24(1)(b)	
3	Main Plant, Offsite Civil and Chimney	4607.85	2,000	1,000			24(1)(b)& Regulation 76 "power to relax"	
4	Site Clearance & Levelling	150					24(1)(b)	
5	Town Ship	2136	1,540				24(1)(b)& Regulation 76 "power to relax"	
6	CISF Barrac-Civil Work	300	200				24(1)(b)	
7	Other buildings	50					24(1)(b)	
8	STP RECIRCULATION NETWORK	50					24(1)(b)	
9	Coal Transportation System	2000	700				24(1)(b)	
10	Control & Instrumentation		638				24(1)(b)	
11	Coal Handling Plant		3,200				24(1)(b)	
12	Steam Generator	6500	4,500	4,500			24(1)(b)&25(1)(d)	
13	Station piping		241				25(1)(d)	
14	Ventilation System		320				25(1)(d)	
15	ESP package	1800					24(1)(b)	
16	Turbine Generator	1200					24(1)(b)	
17	Instrumentation Cables	300					24(1)(b)	
18	CHP-Civil & structural work	6000					24(1)(b)	
19	Ash Handling plant	3500					24(1)(b)	
20	Ash Dyke raising-Starter	3000	2,000				24(1)(b)&25(1)(c)	
21	CW System Equipment	250	600				24(1)(b),25(1)(c)&25(1)(g)	
22	Cooling tower	1200					24(1)(b)	
23	Pre-Treatment Plant	1000					24(1)(b)	
24	Fire Detection & Protection System	1200	220				24(1)(b)	
25	HT Power Cables	34					24(1)(b)	
26	LT Power Cables	59					24(1)(b)	
27	Construction Power Supply	30					24(1)(b)	
28	LT (outdoor) transformers	250					24(1)(b)	
29	Outdoor Transformer	120					24(1)(b)	
30	HT Switchgear	220					24(1)(b)	

71

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Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Maula Super Thermal Power Station Stage-II (1320 MW)
COD	18-09-2017
For Financial Year	2019-24 (Summary)

Sl. No.	Head of Work/ Equipment	ACE Claimed (Actual / Projected)					Regulation under which its is claimed	Amount in Rs Lakh
		2019-20	2020-21	2021-22	2022-23	2023-24		
1	2	3	4	5	6	7	8	9
<b>A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate</b>								
31	LT Switchgear & MCC	120						
32	Electrical Equipment supply & Erection	1100	450				2-(1)(b)	
33	Make up water system	311					2-(1)(b)	
34	Switchyard	500					2-(1)(b)	
35	Auxiliary Boiler workshop and lab Equipments	950					2-(1)(c)	
36	Railway siding works	1400					2-(1)(c)	
37	Capital spares	92					2-(1)(c)	
38	Zero liquid discharge	5650					2-(1)(c)	
39	Installation of dry cooling system	540					2-(1)(c)	
40	Total (A)	47,862.85	17,906.00	5,500.00			26(1)(b)	
<b>B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest</b>								
39	Additional HCL storage tank for CPU areas.		70				26(1)(d)	
Total (B)			70.00					
Total Add. Cap. Claimed (A+B)		47,862.85	17,976.00	5,500.00				

(Petitioner)

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72

Year wise Statement of Additional Capitalisation after COD

Name of the Pefitioner		NTPC Limited		Name of the Generating Station		Maulda Super Thermal Power Station Stage-II (1320 MW)		For Financial Year		2019-20		Amount in Rs Lakh	
Name of the Generating Station		Maulda Super Thermal Power Station Stage-II (1320 MW)		COD		18-09-2017		For Financial Year		2019-20		Amount in Rs Lakh	
Sl. No.	Head of Work / Equipment	Accrual basis as per (GAAP)	Un-discharged Liability included in col. 3	ACE Claimed (Actual / Projected)	Cash basis included in col. 3	IDC included in col. 3	Regulations under which claimed	Justification	8		9		
1	2	3	4	5=(3-4)	6	7	8	9					
<b>A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate</b>													
1	Land & ROU ,R&R	841.00			841.00		24(1)(b)						
2	Roads/Bridges	402			402.00		24(1)(b)						
3	Main Plant, Offsite Civil and Chimney	4,608			4,607.85		24(1)(b)						
4	Site Clearance & Levelling	150			150.00		24(1)(b)						
5	Town Ship	2,136			2,136.00		24(1)(b)						
6	CISF Barrac-Civil Work	300			300.00		24(1)(b)						
7	Other buildings	50			50.00		24(1)(b)						
8	STP RECIRCULATION NETWORK	50			50.00		24(1)(b)						
9	Coal Transportation System	2,000			2,000.00		24(1)(b)						
10	Steam Generator	6,500			6,500.00		24(1)(b)						
11	ESP package	1,800			1,800.00		24(1)(b)						
12	Turbine Generator	1,200			1,200.00		24(1)(b)						
13	Instrumentation Cables	300			300.00		24(1)(b)						
14	CHP-Civil & structural work	6,000			6,000.00		24(1)(b)						
15	Ash Handling plant	3,500			3,500.00		24(1)(b)						
16	Ash Dyke raising-Starter	3,000			3,000.00		24(1)(b)						
17	CW System Equipment	250			250.00		24(1)(b)						
18	Cooling tower	1,200			1,200.00		24(1)(b)						
19	Pre-Treatment Plant	1,000			1,000.00		24(1)(b)						
20	Fire Detection & Protection System	1,200			1,200.00		24(1)(b)						
21	HT Power Cables	34			34.00		24(1)(b)						
22	LT Power Cables	59			59.00		24(1)(b)						
23	Construction Power Supply	30			30.00		24(1)(b)						
24	LT (outdoor) transformers	250			250.00		24(1)(b)						
25	Outdoor Transformer	120			120.00		24(1)(b)						
26	HT Switchgear	220			220.00		24(1)(b)						
27	LT Switchgear & MCC	120			120.00		24(1)(b)						
28	Electrical Equipment supply & Erection	1,100			1,100.00		24(1)(b)						
29	Make up water system	311			311.00		24(1)(b)						
30	Switchyard	500			500.00		24(1)(b)						
31	Auxiliary Boiler	950			950.00		24(1)(b)						
32	workshop and lab Equipments	1,400			1,400.00		24(1)(b)						
34	Railway siding works	92.00			92.00		24(1)(b)						
33	Capital spares	5,650.00			5,650.00		24(1)(c)						

All the works are part of original scope of work and is projected to be carried out within the cut-off date of station

These capital spares are within the ceiling limit of 4 % of plant and machinery as specified in 2019 Tariff Regulations

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73

**Year wise Statement of Additional Capitalisation after COD**

NTPC Limited									
Mauda Super Thermal Power Station Stage-II (1320 MW)									
18-09-2017									
2019-20									
For Financial Year									
Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	ACE Claimed (Actual / Projected)	Cash basis included in col. 3	IDC included in col. 3	Regulations under which claimed	Justification	Amount in Rs Lakh Admitted Cost by the Commission, if any
1	2	3	4	5= (3-4)	6	7	8	9	
<b>A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate</b>									
35	Zero liquid discharge	540.00			540.00		24(1)(c)	Ministry of Environment, Forest and Climate Change, Government of India ("MoEFCC") has notified the Environment (Protection) Amendment Rules, 2015 ("MoEFCC Notification") vide notification dated 07.12.2015 has Specified revised emission norms for thermal generating stations. As per above norms for new Plants to be installed after 1st January 2017 shall have to meet specific water consumption upto maximum of 3.0 m3/MW/hr and achieve zero waste water discharge . In order to further minimize the water consumption in the project and for complying the norms of MOEF , the petitioner has envisaged to implement zero liquid discharge scheme . As the work pertains to the compliance of MOEF notification dated 07.12.2015, accordingly Hon'ble Commission may please to allow the same under change in law	
<b>Total (A)</b>		47,862.85			47,862.85				
<b>B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest</b>									
<b>Total (B)</b>									
<b>Total Add. Cap. Claimed (A+B)</b>		47,862.85			47,862.85				

*[Signature]*  
(Petitioner)

74

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited	
Name of the Generating Station	Mauda Super Thermal Power Station Stage-II (1320 MW)	
COD	18-09-2017	
For Financial Year	2020-21	

Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	ACE Claimed (Actual / Projected)		Regulations under which claimed	Justification	Amount in Rs Lakh
				Cash basis	IDC included in col. 3			
1	2	3	4	5= (3+4)	6	7	8	9
<b>A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate</b>								
1	CISF Barrac-Civil work	200.00		200.00		24(1)(b)		
2	Coal Transportation System	700.00		700.00		24(1)(b)		
3	Control & Instrumentation	638.00		638.00		24(1)(b)		
4	Coal Handling Plant	3,200.00		3,200.00		24(1)(b)	These works are in Original Scope deferred for execution and are expected to be capitalized within the cut-off date i.e 30.09.2020.Hon'ble Commission may please allow the same	
5	Fire Detection & Protection System	220.00		220.00		24(1)(b)		
6	Electrical Equipment supply and erection	450.00		450.00		24(1)(b)		
7	Land & ROU ,R&R	1,200.00		1,200.00		25(1)(d)	The Expenditure to be incurred under the head is for the land compensation to be paid to land oustees as per R&R policy as finalized with Govt Of Maharashtra . The amount could not be paid within the cut-off date as persuasion of land oustee is under progress who are demanding for employment in lieu of land compensation and are not ready to take the compensation amount . As the PAPs are not coming forward to take the compensation amount, the amount which is to be paid kept under provisioning . The instant projected capitalisation pertains to the payment of compensation amount to land oustees as and when settlement is made for which the land has already been acquired and used for the power plant .	
8	Steam Generator	4,500.00		4,500.00		25(1)(d)	The instant projected capital expenditure pertains to the payment related to the PG test of Mouda STPS Stage-II which was with held by the petitioner for the Steam Generator package. As these are capital expenditure pertains to the work which are already executed with the cut-off date, it is prayed the same may please be allowed under regulation 25(1)(d) of 2019 Tariff Regulations	
9	Station Piping (LP Piping)	241.00		241.00		25(1)(d)	These are the balance payments for the Heavy Fuel oil tank which is retained with respect to completion of facilities . As these are capital expenditure pertains to the work which are already executed with the cut-off date, it is prayed the same may please be allowed under regulation 25(1)(d) of 2019 Tariff regulations	
10	Ventilation System	320.00		320.00		25(1)(d)	All the works of ventilation system were completed within the cut -off date of station. The instant projected capital expenditure pertains to the payment related to the PG test which was with held by the petitioner. As these are capital expenditure pertains to the work which are already executed with the cut-off date, it is prayed the same may please be allowed under regulation 25(1)(d) of 2019 Tariff regulations	

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75

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited	
Name of the Generating Station	Manda Super Thermal Power Station Stage-II (320 MW)	
COD	18-09-2017	
For Financial Year	2020-21	

Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	ACE Claimed (Actual / Projected)		Regulations under which claimed	Justification	Amount in Rs Lakh	
			Un-discharged Liability included in col. 3	Cash basis included in col. 3				
1	2	3	4	5= (3-4)	6	7	8	9
<b>A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate</b>								
11	Main Plant, Offsite Civil and Chimney	2,000.00		2,000.00	24(1)(b) & Regulation 76 "power to relax"	The civil work of Main Plant, Offsite Civil and Chimney was awarded to M/S IVRCL. However the agency has gone under insolvency on 23.02.2018 and NCLT ordered the commencement of insolvency process against IVRCL. In order to complete the work, the petitioner terminated the contract and offloaded the contract to other agencies for completing the balance work left by M/S IVRCL. Most of the work has been completed up to 2019-20 i.e. up to cut-off date, the balance work as off loaded to other agencies have been completed in the FY 2020-21 and FY 2021-22. Hon'ble Commission may exercise the "power to Relax" as envisaged in Regulation 76 of CERC (Terms and condition of tariff), 2019 and may allow this capitalisation after the cut-off date as delay is reasons of court process and beyond the control of the Petitioner. The Hon'ble Commission may be pleased to allow the same and extend the cut off date by 2 years.		
12	Town ship	1,540.00		1,540.00	24(1)(b) & Regulation 76 "power to relax"	These are balance work related to township related to quarters which is envisaged to get completed in FY 2020-21. As most of the works related to town are completed within the cut-off date of station, this is the balance capitalisation for the quarters and for the completion of facility pertaining to township. In view of the above Hon'ble Commission may exercise the "Power to Relax" as envisaged in Regulation 76 of CERC (Terms and condition of tariff), 2019 and may allow this capitalisation after the cut-off date. The Hon'ble Commission may be pleased to allow the same and extend the cut off date and allow this capital expenditure for tariff in the instant station		
13	Ash handling plant	2,000.00		2,000.00	25(1)(c)	This is the balance work pertaining to Ash water recirculation system which is envisaged to get completed in FY 2020-21		
14	Starter Ash dyke raising work	600.00		600.00	25(1)(g) & 25(1)(c)	This is part of ongoing raising work of existing ash dyke which is within the original scope. The existing capacity of ash dyke shall be filled by 2019-20. Being an on-going work, raising is required during 2020-21 as the existing dyke will not be available for further use. The Hon'ble commission may be pleased to allow the same accordingly.		

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76

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited	
Name of the Generating Station	Mauda Super Thermal Power Station Stage-II (1320 MW)	
COD	18-09-2017	
For Financial Year	2020-21	

Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	ACE Claimed (Actual/ Protected)		Regulations under which claimed	Justification	Amount in Rs Lakh	
			Un-discharged Liability included in col. 3	Cash basis included in col. 3				
1	2	3	4	5= (3-4)	6	7	8	9
<b>A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate</b>								
15	Installation of dry cooling system	97.00		97.00		26(1)(b)	Ministry of Environment, Forest and Climate Change, Government of India ("MoEFCC") has notified the Environment (Protection) Amendment Rules, 2015 ("MoEFCC Notification") vide notification dated 07.12.2015 has Specified revised emission norms for thermal generating stations. As per above norms for new Plants to be installed after 1st January 2017 shall have to meet specific water consumption upto maximum of 3.0 m3/MW/hr and achieve zero waste water discharge . In order to further minimize the water consumption in the project and for complying the norms of MOEF , the petitioner has envisaged for changing the existing cooling system of ECW water by raw water in the plate type heat exchanger with a system where the Equipment Cooling Water (ECW) to be cooled through fin fan coolers. The scheme envisages the ECW to be cooled through ambient air in a Fin Fan Cooler. As the work pertains to the compliance of MOEF notification dated 07.12.2015, accordingly Hon'ble Commission may please to allow the same under change in law	
<b>Total (A)</b>		17,906.00		17,906.00				
<b>B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest</b>								
16	Additional HCL storage tank for CPU areas.	70.00		70.00		26(1)(d)	NTPC Mouda Stage II CPU Regeneration System is having two numbers of hydrochloric tank for storing Hydrochloric Acid (one Working and one stand by). The storage capacity of each HCL tank is 25 MT. For Safety in handling Bulk Acid and Alkali , it is to be ensured that bulk acid storage tank shall not be filled more 80% of the capacity of the tank & One tank shall be kept empty for handling emergency in case of leakage. Hence for safe operation of the hydrochloric acid tanks of Stage II CPU regeneration area , the safe storage quantity of HCL tank is 20 MT and other shall be kept empty for handling emergency. As Mouda Stage-II due to low scheduling from the beneficiaries is frequently going to reserve shut down and has high number of start up and shut down . In view of the above and stringent water chemical parameters in case of super critical units, the requirement of demineralized water is high leading to more number of regeneration of resins which in turn require high consumption of HCL. As per the safety requirement and to have facilities of regeneration/flushing/handling of HCL in a safe manner additional tank of HCL is required to be installed at Mouda STPS Stage-II. As the work is required for safety on the plant the same has been claimed Regulation 26(1)(d) of 2019 Tariff Regulations	
<b>Total (B)</b>		70.00		70.00				
<b>Total Add. Cap. Claimed (A+B)</b>		17,976.00		17,976.00				

*P. S. S.*  
(Petitioner)

77

**Year wise Statement of Additional Capitalisation after COD**

Name of the Petitioner	NTPC Limited				
Name of the Generating Station	Maulda Super Thermal Power Station Stage-II (1320 MW)				
COD	18-09-2017				
For Financial Year	2021-22				

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Amount in Rs Lakh Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis included in col. 3	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
<b>A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate</b>								
1	Main Plant, Offsite Civil and Chimney	1,000		1,000.00		24(1)(b) & Regulation 76" power to relax"	Justification as per form 9 fo2020-21	
2	Steam Generator	4,500		4,500.00		25(1)(d)	The instant projected capital expenditure pertains to the payment related to the PG test of Mouda STPS Stage-II which was with held by the petitioner for the Steam Generator package. As these are capital expenditure pertains to the work which are already executed with the cut-off date, it is prayed the same may please be allowed under regulation 25(1)(d) of 2019 Tariff Regulations	
<b>Total (A)</b>		<b>5,500.00</b>		<b>5,500.00</b>				
<b>B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest</b>								
<b>Total (B)</b>								
<b>Total Add. Cap. Claimed (A+B)</b>		<b>5,500.00</b>		<b>5,500.00</b>				

*[Signature]*  
(Petitioner)



Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited				
Name of the Generating Station	Mauda Super Thermal Power Station Stage-II (1320 MW)				
COD	18-09-2017				
For Financial Year	2022-23				

Sl. No.	Head of Work - Equipment	Accrual basis as per IGAAP	ACE Claimed (Actual / Projected)		Regulations under which claimed	Justification	Amount in Rs Lakh Admitted Cost by the Commission, if any	
			Un-discharged Liability included in col. 3	Cash basis included in col. 3				
1	2	3	4	5= (3-4)	6	7	8	9
A. Works under Original scope. Change in Law etc. eligible for RoE at Normal Rate								
Total (A)								NA
B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest								
Total (B)								
Total Add. Cap. Claimed (A+B)								

*[Signature]*  
(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited	
Name of the Generating Station	Mauda Super Thermal Power Station Stage-II (1320 MW)	
COD	18-09-2017	
For Financial Year	2023-24	

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

A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate

Total (A) NA

B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest

Total (B)

Total Add. Cap. Claimed (A+B)

*[Signature]*  
(Petitioner)

<b>Name of the Petitioner</b>	NTPC Limited										
<b>Name of the Generating Station</b>	Mauda Super Thermal Power Station Stage-II (1320 MW)										
<b>Date of Commercial Operation</b>	18-09-2017										

Financial Year (Starting from COD)	Actual						Amount in Rs Lakh Admitted				
	2019-20	2020-21	2021-22	2022-23	2023-24		2019-20	2020-21	2021-22	2022-23	2023-24
1	3	4	5	6	7	8	9	10	11		

Amount capitalised in Work/ Equipment

<b>Financing Details</b>	
Loan-1	
Loan-2	
Loan-3 and so on	
Total Loan2	
Equity	
Internal Resources	
Others (Pl. specify)	
Total	

**Add cap is proposed to be finance in Debt:Equity ratio of 70:30**

Note:

1. Year 1 refers to Financial Year of COD and Year 2, Year 3 etc. are the subsequent financial years respectively.
2. Loan details for meeting the additional capitalisation requirement should be given as per FORM-7 or 8 whichever is relevant.

*[Signature]*  
(Petitioner)

**Calculation of Depreciation**

<b>Name of the Company :</b>	
<b>Name of the Power Station :</b>	<b>Mauda Super Thermal Power Station Stage-II (1320 MW)</b>

**(Amount in Rs Lakh)**

Sl.No.	Name of the Assets	Gross Block as on 01.04.2019 as on COD	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount for each year up to 31.03.24
1	2		4	5= Col.3 X Col.4
1	Freehold Land	0	0%	0.00
2	Leasehold Land	16585.39	3.34%	553.95
3	Land - Right of use	0.00	4.00%	0.00
4	Roads, bridges, culverts & helipads	4776.18	3.34%	159.52
5	Main Plant Buildings	4105.21	3.34%	137.11
6	Other Buildings	2751.38	3.34%	91.90
7	Temporary erection	4.29	100.00%	4.29
8	Water supply, drainage & sewerage	3214.92	5.28%	169.75
9	Railway siding	3194.73	5.28%	168.68
10	Earth dam reservoir	0.00	5.28%	0.00
11	Plant and machinery	666005.04	5.28%	35165.07
12	Furniture and fixtures	1194.37	6.33%	75.60
13	Other Office Equipments	432.58	6.33%	27.38
14	EDP, WP machines & SATCOM equipm	381.26	15.00%	57.19
15	Vehicles including speedboats	6.86	9.50%	0.65
16	Construction equipment	222.47	5.28%	11.75
17	Electrical installations	6418.45	5.28%	338.89
18	Communication equipment	104.79	6.33%	6.63
19	Hospital equipment	29.55	5.28%	1.56
20	Laboratory and workshop equipment	762.54	5.28%	40.26
21	Software	26.10	15.00%	3.92
22	Capital Spares	16194.23	5.28%	855.06
	<b>TOTAL</b>	<b>726410.35</b>		<b>37869.17</b>
	<b>Weighted Average Rate of Depreciation (%)</b>			<b>5.213%</b>

*P. G. W.*

## Statement of Depreciation

Name of the Company :		NTPC Limited							
Name of the Power Station :		Mauda Super Thermal Power Station Stage-II (1320 MW)							
S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	(Amount in Rs Lakh)	
1	2	3	4	5	6	7	8		
1	Opening Capital Cost	648496.58	6,79,544.26	7,27,407.11	7,45,383.11	7,50,883.11	7,50,883.11	7,50,883.11	
2	Closing Capital Cost	679544.26	7,27,407.11	7,45,383.11	7,50,883.11	7,50,883.11	7,50,883.11	7,50,883.11	
3	Average Capital Cost	664020.42	7,03,475.69	7,36,395.11	7,48,133.11	7,50,883.11	7,50,883.11	7,50,883.11	
1a	Cost of IT Equipments & Software included in (1) above		-	-	-	-	-	-	
2a	Cost of IT Equipments & Software included in (2) above		-	-	-	-	-	-	
3a	Average Cost of IT Equipments & Software		-	-	-	-	-	-	
4	Freehold land	0.00	-	-	-	-	-	-	
5	Rate of depreciation	5.227	5.213	5.213	5.213	5.213	5.213	5.213	5.213
6	Depreciable value	5,98,485.32	6,33,128.12	6,62,755.60	6,73,319.80	6,75,794.80	6,75,794.80	6,75,794.80	
7.	Balance useful life at the beginning of the period	23.15	22	21	20	19	18	18	
8	Remaining depreciable value	5,68,631.51	5,68,574.67	5,61,529.96	5,33,705.88	4,97,180.70	4,58,037.17	4,58,037.17	
9	Depreciation (for the period)	0.00	36,672.19	38,388.28	39,000.18	39,143.54	39,143.54	39,143.54	
10	Depreciation (annualised)	34,709.01	36,672.19	38,388.28	39,000.18	39,143.54	39,143.54	39,143.54	
11	Cumulative depreciation at the end of the period		1,01,225.64	1,39,613.92	1,78,614.09	2,17,757.63	2,56,901.17	2,56,901.17	
12	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009	0.00	-	-	-	-	-	-	
13	Add: Cumulative depreciation adjustment on account of liability Discharge	0.00	-	-	-	-	-	-	
14	Less: Cumulative depreciation adjustment on account of de-capitalisation	9.37	-	-	-	-	-	-	
15	Net Cumulative depreciation at the end of the period after adjustments	64,553.45	1,01,225.64	1,39,613.92	1,78,614.09	2,17,757.63	2,56,901.17	2,56,901.17	

*[Signature]*  
(Petitioner)

**Calculation of Interest on Actual Loans**

Name of the Company  
Name of the Power Station

NTPC LTD.  
MOUDA II

(Amount in lacs)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
<b>2</b>						
<b>1</b>	<b>4.75% Eurobonds 2022 repayment 03.10.2022 (bullet)</b>					
	Gross loan - Opening	11653.07	11653.07	11653.07	11653.07	11653.07
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	11653.07
	Net loan - Opening	11653.07	11653.07	11653.07	11653.07	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	11653.07	11653.07	11653.07	11653.07	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	11653.07	0.00
	Net loan - Closing	11653.07	11653.07	11653.07	0.00	0.00
	Average Net Loan	11653.07	11653.07	11653.07	5826.54	0.00
	Rate of Interest on Loan	5.0243%	5.0243%	5.0243%	5.0243%	5.0243%
	Interest on Loan Annualised	585.49	585.49	585.49	292.74	0.00
<b>2</b>	<b>SBI, New York-floating repayment 29-07-2019- 2HY</b>					
	Gross loan - Opening	21755.72	21755.72	21755.72	21755.72	21755.72
	Cumulative repayments of Loans upto previous period	0.00	21755.72	21755.72	21755.72	21755.72
	Net loan - Opening	21755.72	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	21755.72	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	21755.72	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	10877.86	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	4.2871%	4.2871%	4.2871%	4.2871%	4.2871%
	Interest on Loan Annualised	466.34	0.00	0.00	0.00	0.00
<b>3</b>	<b>KfW (ECA), Mauda-II repayment 30.06.2017 24 HY</b>					
	Gross loan - Opening	40135.23	40135.23	40135.23	40135.23	40135.23
	Cumulative repayments of Loans upto previous period	6618.76	9962.62	13306.49	16650.36	19994.22
	Net loan - Opening	33516.47	30172.61	26828.74	23484.87	20141.01
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	33516.47	30172.61	26828.74	23484.87	20141.01
	Repayments of Loans during the period	3343.87	3343.87	3343.87	3343.87	3343.87
	Net loan - Closing	30172.61	26828.74	23484.87	20141.01	16797.14
	Average Net Loan	31844.54	28500.67	25156.81	21812.94	18469.07
	Rate of Interest on Loan	2.4400%	2.4400%	2.4400%	2.4400%	2.4400%
	Interest on Loan Annualised	777.01	695.42	613.83	532.24	450.65
<b>4</b>	<b>KfW Mauda-II (ESP &amp; Others) repayment 15.03.2018 16 HY</b>					
	Gross loan - Opening	34780.50	34780.50	34780.50	34780.50	34780.50
	Cumulative repayments of Loans upto previous period	6521.34	10868.91	15216.47	19564.03	23911.59
	Net loan - Opening	28259.16	23911.59	19564.03	15216.47	10868.91
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	28259.16	23911.59	19564.03	15216.47	10868.91
	Repayments of Loans during the period	4347.56	4347.56	4347.56	4347.56	4347.56
	Net loan - Closing	23911.59	19564.03	15216.47	10868.91	6521.34
	Average Net Loan	26085.38	21737.81	17390.25	13042.69	8695.13
	Rate of Interest on Loan	3.2400%	3.2400%	3.2400%	3.2400%	3.2400%
	Interest on Loan Annualised	845.17	704.31	563.44	422.58	281.72
<b>5</b>	<b>KfW Mauda-II (ESP &amp; Others) repayment 15.03.2018 16 HY (Drwal After COD)</b>					
	Gross loan - Opening	7638.20	7638.20	7638.20	7638.20	7638.20
	Cumulative repayments of Loans upto previous period	1432.16	2386.94	3341.71	4296.49	5251.26
	Net loan - Opening	6206.04	5251.26	4296.49	3341.71	2386.94
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	6206.04	5251.26	4296.49	3341.71	2386.94
	Repayments of Loans during the period	954.78	954.78	954.78	954.78	954.78
	Net loan - Closing	5251.26	4296.49	3341.71	2386.94	1432.16
	Average Net Loan	5728.65	4773.88	3819.10	2864.33	1909.55
	Rate of Interest on Loan	3.2400%	3.2400%	3.2400%	3.2400%	3.2400%
	Interest on Loan Annualised	185.61	154.67	123.74	92.80	61.87

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84

**Calculation of Interest on Actual Loans**

Name of the Company  
Name of the Power Station

NTPC LTD.  
MOUDA II

(Amount in lacs)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
<b>2</b>						
<b>6</b>	<b>4.375% Eurobonds 2024 bullet payment</b>					
	Gross loan - Opening	31343.93	31343.93	31343.93	31343.93	31343.93
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	31343.93	31343.93	31343.93	31343.93	31343.93
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	31343.93	31343.93	31343.93	31343.93	31343.93
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	31343.93	31343.93	31343.93	31343.93	31343.93
	Average Net Loan	31343.93	31343.93	31343.93	31343.93	31343.93
	Rate of Interest on Loan	4.6277%	4.6277%	4.6277%	4.6277%	4.6277%
	Interest on Loan Annualised	1,450.49	1,450.49	1,450.49	1,450.49	1450.49
<b>7</b>	<b>Mizuho II A repayment 26.03.2020</b>					
	Gross loan - Opening	226.45	226.45	226.45	226.45	226.45
	Cumulative repayments of Loans upto previous period	0.00	56.61	169.84	226.45	226.45
	Net loan - Opening	226.45	169.84	56.61	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	226.45	169.84	56.61	0.00	0.00
	Repayments of Loans during the period	56.61	113.23	56.61	0.00	0.00
	Net loan - Closing	169.84	56.61	0.00	0.00	0.00
	Average Net Loan	198.15	113.23	28.31	0.00	0.00
	Rate of Interest on Loan	4.4248%	4.4248%	4.4248%	4.4248%	4.4248%
	Interest on Loan Annualised	8.77	5.01	1.25	0.00	0.00
<b>8</b>	<b>Mizuho II B repayment 26.03.2020</b>					
	Gross loan - Opening	10339.02	10339.02	10339.02	10339.02	10339.02
	Cumulative repayments of Loans upto previous period	0.00	2584.76	7754.27	10339.02	10339.02
	Net loan - Opening	10339.02	7754.27	2584.76	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	10339.02	7754.27	2584.76	0.00	0.00
	Repayments of Loans during the period	2584.76	5169.51	2584.76	0.00	0.00
	Net loan - Closing	7754.27	2584.76	0.00	0.00	0.00
	Average Net Loan	9046.64	5169.51	1292.38	0.00	0.00
	Rate of Interest on Loan	4.4248%	4.4248%	4.4248%	4.4248%	4.4248%
	Interest on Loan Annualised	400.29	228.74	57.18	0.00	0.00
<b>9</b>	<b>4.25% Eurobonds 2026</b>					
	Gross loan - Opening	26652.36	26652.36	26652.36	26652.36	26652.36
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	26652.36	26652.36	26652.36	26652.36	26652.36
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	26652.36	26652.36	26652.36	26652.36	26652.36
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	26652.36	26652.36	26652.36	26652.36	26652.36
	Average Net Loan	26652.36	26652.36	26652.36	26652.36	26652.36
	Rate of Interest on Loan	4.4955%	4.4955%	4.4955%	4.4955%	4.4955%
	Interest on Loan Annualised	1,198.14	1,198.14	1,198.14	1,198.14	1198.14
<b>10</b>	<b>2.75% Fixed Rate Notes due 2027</b>					
	Gross loan - Opening	16652.29	16652.29	16652.29	16652.29	16652.29
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	16652.29	16652.29	16652.29	16652.29	16652.29
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	16652.29	16652.29	16652.29	16652.29	16652.29
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	16652.29	16652.29	16652.29	16652.29	16652.29
	Average Net Loan	16652.29	16652.29	16652.29	16652.29	16652.29
	Rate of Interest on Loan	2.9088%	2.9088%	2.9088%	2.9088%	2.9088%
	Interest on Loan Annualised	484.39	484.39	484.39	484.39	484.39

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**Calculation of Interest on Actual Loans**

Name of the Company  
Name of the Power Station

NTPC LTD.  
MOUDA II

(Amount in lacs)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
<b>2</b>						
<b>11</b>	<b>7.25% Fixed Rate Notes due 2022 (Masala Bond)</b>					
	Gross loan - Opening	1635.40	1635.40	1635.40	1635.40	1635.40
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	1635.40
	Net loan - Opening	1635.40	1635.40	1635.40	1635.40	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	1635.40	1635.40	1635.40	1635.40	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	1635.40	0.00
	Net loan - Closing	1635.40	1635.40	1635.40	0.00	0.00
	Average Net Loan	1635.40	1635.40	1635.40	817.70	0.00
	Rate of Interest on Loan	7.6687%	7.6687%	7.6687%	7.6687%	7.6687%
	Interest on Loan Annualised	125.41	125.41	125.41	62.71	0.00
<b>12</b>	<b>JPY Equivalent 350A</b>					
	Gross loan - Opening	2,250.85	2250.85	2250.85	2250.85	2250.85
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	2,250.85	2250.85	2250.85	2250.85	2250.85
	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				
	Total	2,250.85	2250.85	2250.85	2250.85	2250.85
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	2,250.85	2250.85	2250.85	2250.85	2250.85
	Average Net Loan	2,250.85	2250.85	2250.85	2250.85	2250.85
	Rate of Interest on Loan	1.0288%	1.0288%	1.0288%	1.0288%	1.0288%
	Interest on Loan Annualised	23.16	23.16	23.16	23.16	23.16
<b>13</b>	<b>JPY Equivalent 350B</b>					
	Gross loan - Opening	992.12	992.12	992.12	992.12	992.12
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	992.12	992.12	992.12	992.12	992.12
	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				
	Total	992.12	992.12	992.12	992.12	992.12
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	992.12	992.12	992.12	992.12	992.12
	Average Net Loan	992.12	992.12	992.12	992.12	992.12
	Rate of Interest on Loan	1.0288%	1.0288%	1.0288%	1.0288%	1.0288%
	Interest on Loan Annualised	10.21	10.21	10.21	10.21	10.21
<b>14</b>	<b>SBI VII Total repayment from 30.09.2015 -16HY</b>					
	Gross loan - Opening	47800.00	47800.00	47800.00	47800.00	47800.00
	Cumulative repayments of Loans upto previous period	23900.00	29875.00	35850.00	41825.00	47800.00
	Net loan - Opening	23900.00	17925.00	11950.00	5975.00	0.00
	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	23900.00	17925.00	11950.00	5975.00	0.00
	Repayments of Loans during the period	5975.00	5975.00	5975.00	5975.00	0.00
	Net loan - Closing	17925.00	11950.00	5975.00	0.00	0.00
	Average Net Loan	20912.50	14937.50	8962.50	2987.50	0.00
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	0.0000%
	Interest on Loan Annualised	1725.28	1232.34	739.41	246.47	0.00
<b>15</b>	<b>SBI VIII Total repayment from 31.01.2022 -9Y</b>					
	Gross loan - Opening	38600.00	38600.00	38600.00	38600.00	38600.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	4288.89	8577.78
	Net loan - Opening	38600.00	38600.00	38600.00	34311.11	30022.22
	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	38600.00	38600.00	38600.00	34311.11	30022.22
	Repayments of Loans during the period	0.00	0.00	4288.89	4288.89	4288.89
	Net loan - Closing	38600.00	38600.00	34311.11	30022.22	25733.33
	Average Net Loan	38600.00	38600.00	36455.56	32166.67	27877.78
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	3184.50	3184.50	3007.58	2653.75	2299.92

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**Calculation of Interest on Actual Loans**

Name of the Company  
Name of the Power Station

NTPC LTD.  
MOUDA II

(Amount in lacs)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
<b>2</b>						
<b>16</b>	<b>SYNDICATE BANK III repayment from 01.12.2016 -16HY</b>					
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	1562.50	2187.50	2812.50	3437.50	4062.50
	Net loan - Opening	3437.50	2812.50	2187.50	1562.50	937.50
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	3437.50	2812.50	2187.50	1562.50	937.50
	Repayments of Loans during the period	625.00	625.00	625.00	625.00	625.00
	Net loan - Closing	2812.50	2187.50	1562.50	937.50	312.50
	Average Net Loan	3125.00	2500.00	1875.00	1250.00	625.00
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	264.06	211.25	158.44	105.63	52.81
<b>17</b>	<b>J&amp;K Bank III repayment from 18.12.2018 -10 Y</b>					
	Gross loan - Opening	7000.00	7000.00	7000.00	7000.00	7000.00
	Cumulative repayments of Loans upto previous period	700.00	1400.00	2100.00	2800.00	3500.00
	Net loan - Opening	6300.00	5600.00	4900.00	4200.00	3500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	6300.00	5600.00	4900.00	4200.00	3500.00
	Repayments of Loans during the period	700.00	700.00	700.00	700.00	700.00
	Net loan - Closing	5600.00	4900.00	4200.00	3500.00	2800.00
	Average Net Loan	5950.00	5250.00	4550.00	3850.00	3150.00
	Rate of Interest on Loan	8.3000%	8.3000%	8.3000%	8.3000%	8.3000%
	Interest on Loan Annualised	493.85	435.75	377.65	319.55	261.45
<b>18</b>	<b>J&amp;K Bank IV repayment from 31.03.2021 -9 Y</b>					
	Gross loan - Opening	13100.00	13100.00	13100.00	13100.00	13100.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	1455.56	2911.11	4366.67
	Net loan - Opening	13100.00	13100.00	11644.44	10188.89	8733.33
	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	13100.00	13100.00	11644.44	10188.89	8733.33
	Repayments of Loans during the period	0.00	1455.56	1455.56	1455.56	1455.56
	Net loan - Closing	13100.00	11644.44	10188.89	8733.33	7277.78
	Average Net Loan	13100.00	12372.22	10916.67	9461.11	8005.56
	Rate of Interest on Loan	8.3000%	8.3000%	8.3000%	8.3000%	8.3000%
	Interest on Loan Annualised	1087.30	1026.89	906.08	785.27	664.46
<b>19</b>	<b>Union Bank of India II repayment from 01.02.2017 -20HY</b>					
	Gross loan - Opening	20000.00	20000.00	20000.00	20000.00	20000.00
	Cumulative repayments of Loans upto previous period	5000.00	7000.00	9000.00	11000.00	13000.00
	Net loan - Opening	15000.00	13000.00	11000.00	9000.00	7000.00
	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	15000.00	13000.00	11000.00	9000.00	7000.00
	Repayments of Loans during the period	2000.00	2000.00	2000.00	2000.00	2000.00
	Net loan - Closing	13000.00	11000.00	9000.00	7000.00	5000.00
	Average Net Loan	14000.00	12000.00	10000.00	8000.00	6000.00
	Rate of Interest on Loan	8.5000%	8.5000%	8.5000%	8.5000%	8.5000%
	Interest on Loan Annualised	1190.00	1020.00	850.00	680.00	510.00
<b>20</b>	<b>United Bank of India IV repayment from 29.09.2016 -16HY</b>					
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	1562.50	2187.50	2812.50	3437.50	4062.50
	Net loan - Opening	3437.50	2812.50	2187.50	1562.50	937.50
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	3437.50	2812.50	2187.50	1562.50	937.50
	Repayments of Loans during the period	625.00	625.00	625.00	625.00	625.00
	Net loan - Closing	2812.50	2187.50	1562.50	937.50	312.50
	Average Net Loan	3125.00	2500.00	1875.00	1250.00	625.00
	Rate of Interest on Loan	8.4000%	8.4000%	8.4000%	8.4000%	8.4000%
	Interest on Loan Annualised	262.50	210.00	157.50	105.00	52.50

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**Calculation of Interest on Actual Loans**

Name of the Company  
Name of the Power Station

**NTPC LTD.**  
KORADIA

(Amount in lacs)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
<b>2</b>						
<b>21</b>	<b>VIJAYA BANK VI repayment from 14.03.2020 -10Y</b>					
	Gross loan - Opening	15000.00	15000.00	15000.00	15000.00	15000.00
	Cumulative repayments of Loans upto previous period	0.00	1500.00	3000.00	4500.00	6000.00
	Net loan - Opening	15000.00	13500.00	12000.00	10500.00	9000.00
	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	15000.00	13500.00	12000.00	10500.00	9000.00
	Repayments of Loans during the period	1500.00	1500.00	1500.00	1500.00	1500.00
	Net loan - Closing	13500.00	12000.00	10500.00	9000.00	7500.00
	Average Net Loan	14250.00	12750.00	11250.00	9750.00	8250.00
	Rate of Interest on Loan	8.4000%	8.4000%	8.4000%	8.4000%	8.4000%
	Interest on Loan Annualised	1197.00	1071.00	945.00	819.00	693.00
<b>22</b>	<b>HDFC Bank Ltd.-III repayment from 04.12.2021 -9Y</b>					
	Gross loan - Opening	8000.00	8000.00	8000.00	8000.00	8000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	888.89	1777.78
	Net loan - Opening	8000.00	8000.00	8000.00	7111.11	6222.22
	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	8000.00	8000.00	8000.00	7111.11	6222.22
	Repayments of Loans during the period	0.00	0.00	888.89	888.89	888.89
	Net loan - Closing	8000.00	8000.00	7111.11	6222.22	5333.33
	Average Net Loan	8000.00	8000.00	7555.56	6666.67	5777.78
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	676.00	676.00	638.44	563.33	488.22
<b>23</b>	<b>HDFC Bank Ltd.-IV repayment from 17.04.2021 -9Y</b>					
	Gross loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	333.33	666.67
	Net loan - Opening	3000.00	3000.00	3000.00	2666.67	2333.33
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	3000.00	3000.00	3000.00	2666.67	2333.33
	Repayments of Loans during the period	0.00	0.00	333.33	333.33	333.33
	Net loan - Closing	3000.00	3000.00	2666.67	2333.33	2000.00
	Average Net Loan	3000.00	3000.00	2833.33	2500.00	2166.67
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	253.50	253.50	239.42	211.25	183.08
<b>24</b>	<b>Bonds- L 1A-repayment on 16.12.2023</b>					
	Gross loan - Opening	3764.78	3764.78	3764.78	3764.78	3764.78
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3764.78	3764.78	3764.78	3764.78	3764.78
	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	3764.78	3764.78	3764.78	3764.78	3764.78
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3764.78	3764.78	3764.78	3764.78	3764.78
	Average Net Loan	3764.78	3764.78	3764.78	3764.78	1882.39
	Rate of Interest on Loan	8.4400%	8.4400%	8.4400%	8.4400%	8.4400%
	Interest on Loan Annualised	317.75	317.75	317.75	317.75	158.87
<b>25</b>	<b>Bonds- L 2A -repayment on 16.12.2028</b>					
	Gross loan - Opening	1928.15	1928.15	1928.15	1928.15	1928.15
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1928.15	1928.15	1928.15	1928.15	1928.15
	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	1928.15	1928.15	1928.15	1928.15	1928.15
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	1928.15	1928.15	1928.15	1928.15	1928.15
	Average Net Loan	1928.15	1928.15	1928.15	1928.15	1928.15
	Rate of Interest on Loan	8.5100%	8.5100%	8.5100%	8.5100%	8.5100%
	Interest on Loan Annualised	164.09	164.09	164.09	164.09	164.09
<b>26</b>	<b>Bonds- L 3A -repayment on 16.12.2033</b>					
	Gross loan - Opening	2407.07	2407.07	2407.07	2407.07	2407.07
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	2407.07	2407.07	2407.07	2407.07	2407.07
	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	2407.07	2407.07	2407.07	2407.07	2407.07
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	2407.07	2407.07	2407.07	2407.07	2407.07
	Average Net Loan	2407.07	2407.07	2407.07	2407.07	2407.07
	Rate of Interest on Loan	8.6900%	8.6900%	8.6900%	8.6900%	8.6900%
	Interest on Loan Annualised	209.17	209.17	209.17	209.17	209.17

88 *10/11*

**Calculation of Interest on Actual Loans**

Name of the Company  
Name of the Power Station

NTPC LTD.  
WDPDA II

(Amount in lacs)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
<b>2</b>						
<b>27</b>	<b>Bonds- L 1B -repayment on 16.12.2023</b>					
	Gross loan - Opening	1609.50	1609.50	1609.50	1609.50	1609.50
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1609.50	1609.50	1609.50	1609.50	1609.50
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	1609.50	1609.50	1609.50	1609.50	1609.50
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	1609.50
	Net loan - Closing	1609.50	1609.50	1609.50	1609.50	0.00
	Average Net Loan	1609.50	1609.50	1609.50	1609.50	804.75
	Rate of Interest on Loan	8.6900%	8.6900%	8.6900%	8.6900%	8.6900%
	Interest on Loan Annualised	139.87	139.87	139.87	139.87	69.93
<b>28</b>	<b>Bonds- L 2B-repayment on 16.12.2028</b>					
	Gross loan - Opening	705.03	705.03	705.03	705.03	705.03
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	705.03	705.03	705.03	705.03	705.03
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	705.03	705.03	705.03	705.03	705.03
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	705.03	705.03	705.03	705.03	705.03
	Average Net Loan	705.03	705.03	705.03	705.03	705.03
	Rate of Interest on Loan	8.7600%	8.7600%	8.7600%	8.7600%	8.7600%
	Interest on Loan Annualised	61.76	61.76	61.76	61.76	61.76
<b>29</b>	<b>Bonds- L 3B- repayment on 16.12.2033</b>					
	Gross loan - Opening	3085.47	3085.47	3085.47	3085.47	3085.47
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3085.47	3085.47	3085.47	3085.47	3085.47
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	3085.47	3085.47	3085.47	3085.47	3085.47
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3085.47	3085.47	3085.47	3085.47	3085.47
	Average Net Loan	3085.47	3085.47	3085.47	3085.47	3085.47
	Rate of Interest on Loan	8.9400%	8.9400%	8.9400%	8.9400%	8.9400%
	Interest on Loan Annualised	275.84	275.84	275.84	275.84	275.84
<b>30</b>	<b>Bond LIV repayment on 25.03.2023</b>					
	Gross loan - Opening	45800.00	45800.00	45800.00	45800.00	45800.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	9160.00
	Net loan - Opening	45800.00	45800.00	45800.00	45800.00	36640.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	45800.00	45800.00	45800.00	45800.00	36640.00
	Repayments of Loans during the period	0.00	0.00	0.00	9160.00	18320.00
	Net loan - Closing	45800.00	45800.00	45800.00	36640.00	18320.00
	Average Net Loan	45800.00	45800.00	45800.00	41220.00	27480.00
	Rate of Interest on Loan	8.5200%	8.5200%	8.5200%	8.5200%	8.5200%
	Interest on Loan Annualised	3,902.16	3,902.16	3,902.16	3,511.94	2341.30
<b>31</b>	<b>Bond LIX repayment on 24.02.2021</b>					
	Gross loan - Opening	3500.00	3500.00	3500.00	3500.00	3500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	3500.00	3500.00	3500.00
	Net loan - Opening	3500.00	3500.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	3500.00	3500.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	3500.00	0.00	0.00	0.00
	Net loan - Closing	3500.00	0.00	0.00	0.00	0.00
	Average Net Loan	3500.00	1750.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.3600%	8.3600%	8.3600%	8.3600%	8.3600%
	Interest on Loan Annualised	292.60	146.30	0.00	0.00	0.00

89

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**Calculation of Interest on Actual Loans**

Name of the Company  
Name of the Power Station

NTPC LTD.  
MOUDA II

(Amount in lacs)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
<b>2</b>						
<b>32</b>	<b>Bond LXI repayment on 27.05.2021</b>					
	Gross loan - Opening	4000.00	4000.00	4000.00	4000.00	4000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	1333.33	1333.33
	Net loan - Opening	4000.00	4000.00	4000.00	2666.67	2666.67
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	4000.00	4000.00	4000.00	2666.67	2666.67
	Repayments of Loans during the period	0.00	0.00	1333.33	0.00	0.00
	Net loan - Closing	4000.00	4000.00	2666.67	2666.67	2666.67
	Average Net Loan	4000.00	4000.00	3333.33	2666.67	2666.67
	Rate of Interest on Loan	8.1300%	8.1300%	8.1300%	8.1300%	8.1300%
	Interest on Loan Annualised	325.20	325.20	271.00	216.80	216.80
<b>33</b>	<b>Bond LXII repayment on 23.08.2026</b>					
	Gross loan - Opening	4500.00	4500.00	4500.00	4500.00	4500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	4500.00	4500.00	4500.00	4500.00	4500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	4500.00	4500.00	4500.00	4500.00	4500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	4500.00	4500.00	4500.00	4500.00	4500.00
	Average Net Loan	4500.00	4500.00	4500.00	4500.00	4500.00
	Rate of Interest on Loan	7.6100%	7.6100%	7.6100%	7.6100%	7.6100%
	Interest on Loan Annualised	342.45	342.45	342.45	342.45	342.45
<b>34</b>	<b>Bond LXIII repayment on 16.09.2026</b>					
	Gross loan - Opening	4400.00	4400.00	4400.00	4400.00	4400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	4400.00	4400.00	4400.00	4400.00	4400.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	4400.00	4400.00	4400.00	4400.00	4400.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	4400.00	4400.00	4400.00	4400.00	4400.00
	Average Net Loan	4400.00	4400.00	4400.00	4400.00	4400.00
	Rate of Interest on Loan	7.5000%	7.5000%	7.5000%	7.5000%	7.5000%
	Interest on Loan Annualised	330.00	330.00	330.00	330.00	330.00
<b>35</b>	<b>Bond LXIV repayment on 07.11.2031</b>					
	Gross loan - Opening	3300.00	3300.00	3300.00	3300.00	3300.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3300.00	3300.00	3300.00	3300.00	3300.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	3300.00	3300.00	3300.00	3300.00	3300.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3300.00	3300.00	3300.00	3300.00	3300.00
	Average Net Loan	3300.00	3300.00	3300.00	3300.00	3300.00
	Rate of Interest on Loan	7.5200%	7.5200%	7.5200%	7.5200%	7.5200%
	Interest on Loan Annualised	248.16	248.16	248.16	248.16	248.16
<b>36</b>	<b>Bond LXV repayment on 24.11.2021</b>					
	Gross loan - Opening	1400.00	1400.00	1400.00	1400.00	1400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	1400.00	1400.00
	Net loan - Opening	1400.00	1400.00	1400.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	1400.00	1400.00	1400.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	1400.00	0.00	0.00
	Net loan - Closing	1400.00	1400.00	0.00	0.00	0.00
	Average Net Loan	1400.00	1400.00	700.00	0.00	0.00
	Rate of Interest on Loan	6.7500%	6.7500%	6.7500%	6.7500%	6.7500%
	Interest on Loan Annualised	94.50	94.50	47.25	0.00	0.00
<b>37</b>	<b>Bond LXVI repayment on 14.12.2031</b>					
	Gross loan - Opening	11000.00	11000.00	11000.00	11000.00	11000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	11000.00	11000.00	11000.00	11000.00	11000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	11000.00	11000.00	11000.00	11000.00	11000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	11000.00	11000.00	11000.00	11000.00	11000.00
	Average Net Loan	11000.00	11000.00	11000.00	11000.00	11000.00
	Rate of Interest on Loan	7.4000%	7.4000%	7.4000%	7.4000%	7.4000%
	Interest on Loan Annualised	814.00	814.00	814.00	814.00	814.00

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**Calculation of Interest on Actual Loans**

Name of the Company  
Name of the Power Station

NTPC LTD.  
MOUDA II

(Amount in lacs)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
<b>2</b>						
<b>38</b>	<b>Corporation Bank-IV D1 repayment from 11.01.2023 -9Y (ICICI Bank-V prepayment loan)</b>					
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	555.56
	Net loan - Opening	5000.00	5000.00	5000.00	5000.00	4444.44
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	5000.00	5000.00	5000.00	5000.00	4444.44
	Repayments of Loans during the period	0.00	0.00	0.00	555.56	555.56
	Net loan - Closing	5000.00	5000.00	5000.00	4444.44	3888.89
	Average Net Loan	5000.00	5000.00	5000.00	4722.22	4166.67
	Rate of Interest on Loan	8.3833%	8.3833%	8.3833%	8.3833%	8.3833%
	Interest on Loan Annualised	419.17	419.17	419.17	395.88	349.31
<b>39</b>	<b>HDFC Bank Ltd. V D1 repayment from 25.09.2024 -9Y</b>					
	Gross loan - Opening	3984.00	3984.00	3984.00	3984.00	3984.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3984.00	3984.00	3984.00	3984.00	3984.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	3984.00	3984.00	3984.00	3984.00	3984.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3984.00	3984.00	3984.00	3984.00	3984.00
	Average Net Loan	3984.00	3984.00	3984.00	3984.00	3984.00
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	336.65	336.65	336.65	336.65	336.65
<b>40</b>	<b>HDFC Bank Ltd. V D7 repayment from 25.09.2024 -9Y</b>					
	Gross loan - Opening	2200.00	2200.00	2200.00	2200.00	2200.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	2200.00	2200.00	2200.00	2200.00	2200.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	2200.00	2200.00	2200.00	2200.00	2200.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	2200.00	2200.00	2200.00	2200.00	2200.00
	Average Net Loan	2200.00	2200.00	2200.00	2200.00	2200.00
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	185.90	185.90	185.90	185.90	185.90
<b>41</b>	<b>SBI-IX D5 repayment from 31.03.2021 -9Y</b>					
	Gross loan - Opening	3300.00	3300.00	3300.00	3300.00	3300.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	366.67	733.33	1100.00
	Net loan - Opening	3300.00	3300.00	2933.33	2566.67	2200.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	3300.00	3300.00	2933.33	2566.67	2200.00
	Repayments of Loans during the period	0.00	366.67	366.67	366.67	366.67
	Net loan - Closing	3300.00	2933.33	2566.67	2200.00	1833.33
	Average Net Loan	3300.00	3116.67	2750.00	2383.33	2016.67
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	272.25	257.13	226.88	196.63	166.38
<b>42</b>	<b>SBI-IX D8 repayment from 31.03.2021 -9Y</b>					
	Gross loan - Opening	12000.00	12000.00	12000.00	12000.00	12000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	1333.33	2666.67	4000.00
	Net loan - Opening	12000.00	12000.00	10666.67	9333.33	8000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	12000.00	12000.00	10666.67	9333.33	8000.00
	Repayments of Loans during the period	0.00	1333.33	1333.33	1333.33	1333.33
	Net loan - Closing	12000.00	10666.67	9333.33	8000.00	6666.67
	Average Net Loan	12000.00	11333.33	10000.00	8666.67	7333.33
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	990.00	935.00	825.00	715.00	605.00
<b>43</b>	<b>SBI-XII D2 repayment from 31.03.2026 -9Y (IDFC Bank III prepayment loan)</b>					
	Gross loan - Opening	22500.00	22500.00	22500.00	22500.00	22500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	22500.00	22500.00	22500.00	22500.00	22500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	22500.00	22500.00	22500.00	22500.00	22500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	22500.00	22500.00	22500.00	22500.00	22500.00
	Average Net Loan	22500.00	22500.00	22500.00	22500.00	22500.00
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	1,901.25	1,901.25	1,901.25	1,901.25	1901.25

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**Calculation of Interest on Actual Loans**

Name of the Company  
Name of the Power Station

NTPC LTD.  
MOUDA II

(Amount in lacs)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
	2					
	<b>TOTAL LOAN</b>					
	Gross loan - Opening	508939.14	508939.14	508939.14	508939.14	508939.14
	Cumulative repayments of Loans upto previous period	47297.26	91765.56	123775.05	157887.63	209629.52
	Net loan - Opening	461641.88	417173.59	385164.09	351051.52	299309.62
	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	461641.88	417173.59	385164.09	351051.52	299309.62
	Repayments of Loans during the period	44468.29	32009.50	34112.57	51741.90	47012.70
	Net loan - Closing	417173.59	385164.09	351051.52	299309.62	252296.92
	Average Net Loan	439407.73	401168.84	368107.80	325180.57	275803.27
	Rate of Interest on Loan	6.4899%	6.5790%	6.5944%	6.5877%	6.5057%
	Interest on Loan Annualised	28517.23	26393.00	24274.59	21421.84	17942.92
	Note: In case of foreign loans, opening loan balance considered at following exchange rate					
	Exchange rate 31.01.2017 US \$= INR 68.79					
	Exchange rate 31.01.2017 EURO= INR 73.95					
	Exchange rate 17.09.2017 US \$= INR 64.68					
	Exchange rate 17.09.2017 EURO= INR 77.29					
	Exchange Rate 27.12.2017 EURO= INR 76.38					

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### Calculation of Interest on Actual Loans

Name of the Company  
Name of the Power Station

NTPC LTD.  
MOUDA II

(Amount in lacs)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
<b>2</b>						
<b>SBI VII D-3 repayment from 30.09.2015 -16HY</b>						
	Gross loan - Opening	3700.00	3700.00	3700.00	3700.00	3700.00
	Cumulative repayments of Loans upto previous period	1850.00	2312.50	2775.00	3237.50	3700.00
	Net loan - Opening	1850.00	1387.50	925.00	462.50	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	1850.00	1387.50	925.00	462.50	0.00
	Repayments of Loans during the period	462.50	462.50	462.50	462.50	0.00
	Net loan - Closing	1387.50	925.00	462.50	0.00	0.00
	Average Net Loan	1618.75	1156.25	693.75	231.25	0.00
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	133.55	95.39	57.23	19.08	0.00
<b>SBI VII D-4 repayment from 30.09.2015 -16HY</b>						
	Gross loan - Opening	18500.00	18500.00	18500.00	18500.00	18500.00
	Cumulative repayments of Loans upto previous period	9250.00	11562.50	13875.00	16187.50	18500.00
	Net loan - Opening	9250.00	6937.50	4625.00	2312.50	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	9250.00	6937.50	4625.00	2312.50	0.00
	Repayments of Loans during the period	2312.50	2312.50	2312.50	2312.50	0.00
	Net loan - Closing	6937.50	4625.00	2312.50	0.00	0.00
	Average Net Loan	8093.75	5781.25	3468.75	1156.25	0.00
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	667.73	476.95	286.17	95.39	0.00
<b>SBI VII D-6 repayment from 30.09.2015 -16HY</b>						
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	2500.00	3125.00	3750.00	4375.00	5000.00
	Net loan - Opening	2500.00	1875.00	1250.00	625.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	2500.00	1875.00	1250.00	625.00	0.00
	Repayments of Loans during the period	625.00	625.00	625.00	625.00	0.00
	Net loan - Closing	1875.00	1250.00	625.00	0.00	0.00
	Average Net Loan	2187.50	1562.50	937.50	312.50	0.00
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	180.47	128.91	77.34	25.78	0.00
<b>SBI VII D-8 repayment from 30.09.2015 -16HY</b>						
	Gross loan - Opening	2600.00	2600.00	2600.00	2600.00	2600.00
	Cumulative repayments of Loans upto previous period	1300.00	1625.00	1950.00	2275.00	2600.00
	Net loan - Opening	1300.00	975.00	650.00	325.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	1300.00	975.00	650.00	325.00	0.00
	Repayments of Loans during the period	325.00	325.00	325.00	325.00	0.00
	Net loan - Closing	975.00	650.00	325.00	0.00	0.00
	Average Net Loan	1137.50	812.50	487.50	162.50	0.00
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	93.84	67.03	40.22	13.41	0.00
<b>SBI VII D-16 repayment from 30.09.2015 -16HY</b>						
	Gross loan - Opening	18000.00	18000.00	18000.00	18000.00	18000.00
	Cumulative repayments of Loans upto previous period	9000.00	11250.00	13500.00	15750.00	18000.00
	Net loan - Opening	9000.00	6750.00	4500.00	2250.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	9000.00	6750.00	4500.00	2250.00	0.00
	Repayments of Loans during the period	2250.00	2250.00	2250.00	2250.00	0.00
	Net loan - Closing	6750.00	4500.00	2250.00	0.00	0.00
	Average Net Loan	7875.00	5625.00	3375.00	1125.00	0.00
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	649.69	464.06	278.44	92.81	0.00
<b>SBI VII Total</b>						
	Gross loan - Opening	47800.00	47800.00	47800.00	47800.00	47800.00
	Cumulative repayments of Loans upto previous period	23900.00	29875.00	35850.00	41825.00	47800.00
	Net loan - Opening	23900.00	17925.00	11950.00	5975.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00
	Total	23900.00	17925.00	11950.00	5975.00	0.00
	Repayments of Loans during the period	5975.00	5975.00	5975.00	5975.00	0.00
	Net loan - Closing	17925.00	11950.00	5975.00	0.00	0.00
	Average Net Loan	20912.50	14937.50	8962.50	2987.50	0.00
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	0.0000%
	Interest on Loan Annualised	1725.28	1232.34	739.41	246.47	0.00

**Calculation of Interest on Actual Loans**

Name of the Company  
Name of the Power Station

NTPC LTD.  
MOUDA II

(Amount in lacs)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
2						
	<b>SBI VIII D-4 repayment from 31.01.2022 -9Y</b>					
	Gross loan - Opening	8400.00	8400.00	8400.00	8400.00	8400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	933.33	1866.67
	Net loan - Opening	8400.00	8400.00	8400.00	7466.67	6533.33
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	8400.00	8400.00	8400.00	7466.67	6533.33
	Repayments of Loans during the period	0.00	0.00	933.33	933.33	933.33
	Net loan - Closing	8400.00	8400.00	7466.67	6533.33	5600.00
	Average Net Loan	8400.00	8400.00	7933.33	7000.00	6066.67
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	693.00	693.00	654.50	577.50	500.50
	<b>SBI VIII D-5 repayment from 31.01.2022 -9Y</b>					
	Gross loan - Opening	3500.00	3500.00	3500.00	3500.00	3500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	388.89	777.78
	Net loan - Opening	3500.00	3500.00	3500.00	3111.11	2722.22
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	3500.00	3500.00	3500.00	3111.11	2722.22
	Repayments of Loans during the period	0.00	0.00	388.89	388.89	388.89
	Net loan - Closing	3500.00	3500.00	3111.11	2722.22	2333.33
	Average Net Loan	3500.00	3500.00	3305.56	2916.67	2527.78
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	288.75	288.75	272.71	240.63	208.54
	<b>SBI VIII D-6 repayment from 31.01.2022 -9Y</b>					
	Gross loan - Opening	7600.00	7600.00	7600.00	7600.00	7600.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	844.44	1688.89
	Net loan - Opening	7600.00	7600.00	7600.00	6755.56	5911.11
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	7600.00	7600.00	7600.00	6755.56	5911.11
	Repayments of Loans during the period	0.00	0.00	844.44	844.44	844.44
	Net loan - Closing	7600.00	7600.00	6755.56	5911.11	5066.67
	Average Net Loan	7600.00	7600.00	7177.78	6333.33	5488.89
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	627.00	627.00	592.17	522.50	452.83
	<b>SBI VIII D-8 repayment from 31.01.2022 -9Y</b>					
	Gross loan - Opening	2500.00	2500.00	2500.00	2500.00	2500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	277.78	555.56
	Net loan - Opening	2500.00	2500.00	2500.00	2222.22	1944.44
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	2500.00	2500.00	2500.00	2222.22	1944.44
	Repayments of Loans during the period	0.00	0.00	277.78	277.78	277.78
	Net loan - Closing	2500.00	2500.00	2222.22	1944.44	1666.67
	Average Net Loan	2500.00	2500.00	2361.11	2083.33	1805.56
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	206.25	206.25	194.79	171.88	148.96
	<b>SBI VIII D-11 repayment from 31.01.2022 -9Y</b>					
	Gross loan - Opening	2600.00	2600.00	2600.00	2600.00	2600.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	288.89	577.78
	Net loan - Opening	2600.00	2600.00	2600.00	2311.11	2022.22
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	2600.00	2600.00	2600.00	2311.11	2022.22
	Repayments of Loans during the period	0.00	0.00	288.89	288.89	288.89
	Net loan - Closing	2600.00	2600.00	2311.11	2022.22	1733.33
	Average Net Loan	2600.00	2600.00	2455.56	2166.67	1877.78
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	214.50	214.50	202.58	178.75	154.92

94

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**Calculation of Interest on Actual Loans**

Name of the Company  
Name of the Power Station

NTPC LTD.  
MOUDA II

(Amount in lacs)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
2						
	<b>SBI VIII D-12 repayment from 31.01.2022 -9Y</b>					
	Gross loan - Opening	4400.00	4400.00	4400.00	4400.00	4400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	488.89	977.78
	Net loan - Opening	4400.00	4400.00	4400.00	3911.11	3422.22
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	4400.00	4400.00	4400.00	3911.11	3422.22
	Repayments of Loans during the period	0.00	0.00	488.89	488.89	488.89
	Net loan - Closing	4400.00	4400.00	3911.11	3422.22	2933.33
	Average Net Loan	4400.00	4400.00	4155.56	3666.67	3177.78
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	363.00	363.00	342.83	302.50	262.17
	<b>SBI VIII D-13 repayment from 31.01.2022 -9Y</b>					
	Gross loan - Opening	3200.00	3200.00	3200.00	3200.00	3200.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	355.56	711.11
	Net loan - Opening	3200.00	3200.00	3200.00	2844.44	2488.89
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	3200.00	3200.00	3200.00	2844.44	2488.89
	Repayments of Loans during the period	0.00	0.00	355.56	355.56	355.56
	Net loan - Closing	3200.00	3200.00	2844.44	2488.89	2133.33
	Average Net Loan	3200.00	3200.00	3022.22	2666.67	2311.11
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	264.00	264.00	249.33	220.00	190.67
	<b>SBI VIII D-15 repayment from 31.01.2022 -9Y</b>					
	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	222.22	444.44
	Net loan - Opening	2000.00	2000.00	2000.00	1777.78	1555.56
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	2000.00	2000.00	2000.00	1777.78	1555.56
	Repayments of Loans during the period	0.00	0.00	222.22	222.22	222.22
	Net loan - Closing	2000.00	2000.00	1777.78	1555.56	1333.33
	Average Net Loan	2000.00	2000.00	1888.89	1666.67	1444.44
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	165.00	165.00	155.83	137.50	119.17
	<b>SBI VIII D-16 repayment from 31.01.2022 -9Y</b>					
	Gross loan - Opening	2900.00	2900.00	2900.00	2900.00	2900.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	322.22	644.44
	Net loan - Opening	2900.00	2900.00	2900.00	2577.78	2255.56
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	2900.00	2900.00	2900.00	2577.78	2255.56
	Repayments of Loans during the period	0.00	0.00	322.22	322.22	322.22
	Net loan - Closing	2900.00	2900.00	2577.78	2255.56	1933.33
	Average Net Loan	2900.00	2900.00	2738.89	2416.67	2094.44
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	239.25	239.25	225.96	199.38	172.79
	<b>SBI VIII D-21 repayment from 31.01.2022 -9Y</b>					
	Gross loan - Opening	1500.00	1500.00	1500.00	1500.00	1500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	166.67	333.33
	Net loan - Opening	1500.00	1500.00	1500.00	1333.33	1166.67
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	1500.00	1500.00	1500.00	1333.33	1166.67
	Repayments of Loans during the period	0.00	0.00	166.67	166.67	166.67
	Net loan - Closing	1500.00	1500.00	1333.33	1166.67	1000.00
	Average Net Loan	1500.00	1500.00	1416.67	1250.00	1083.33
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	123.75	123.75	116.88	103.13	89.38

95

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## Calculation of Interest on Actual Loans

Name of the Company  
Name of the Power Station

NTPC LTD.  
MOUDA II

(Amount in lacs)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
2						
	<b>SBI VIII Total</b>					
	Gross loan - Opening	38600.00	38600.00	38600.00	38600.00	38600.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	4288.89	8577.78
	Net loan - Opening	38600.00	38600.00	38600.00	34311.11	30022.22
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00
	Total	38600.00	38600.00	38600.00	34311.11	30022.22
	Repayments of Loans during the period	0.00	0.00	4288.89	4288.89	4288.89
	Net loan - Closing	38600.00	38600.00	34311.11	30022.22	25733.33
	Average Net Loan	38600.00	38600.00	36455.56	32166.67	27877.78
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	3184.50	3184.50	3007.58	2653.75	2299.92
	<b>J&amp;K Bank IV D1 repayment from 31.03.2021 -9 Y</b>					
	Gross loan - Opening	3600.00	3600.00	3600.00	3600.00	3600.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	400.00	800.00	1200.00
	Net loan - Opening	3600.00	3600.00	3200.00	2800.00	2400.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00
	Total	3600.00	3600.00	3200.00	2800.00	2400.00
	Repayments of Loans during the period	0.00	400.00	400.00	400.00	400.00
	Net loan - Closing	3600.00	3200.00	2800.00	2400.00	2000.00
	Average Net Loan	3600.00	3400.00	3000.00	2600.00	2200.00
	Rate of Interest on Loan	8.3000%	8.3000%	8.3000%	8.3000%	8.3000%
	Interest on Loan Annualised	298.80	282.20	249.00	215.80	182.60
	<b>J&amp;K Bank IV D2 repayment from 31.03.2021 -9 Y</b>					
	Gross loan - Opening	9500.00	9500.00	9500.00	9500.00	9500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	1055.56	2111.11	3166.67
	Net loan - Opening	9500.00	9500.00	8444.44	7388.89	6333.33
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00
	Total	9500.00	9500.00	8444.44	7388.89	6333.33
	Repayments of Loans during the period	0.00	1055.56	1055.56	1055.56	1055.56
	Net loan - Closing	9500.00	8444.44	7388.89	6333.33	5277.78
	Average Net Loan	9500.00	8972.22	7916.67	6861.11	5805.56
	Rate of Interest on Loan	8.3000%	8.3000%	8.3000%	8.3000%	8.3000%
	Interest on Loan Annualised	788.50	744.69	657.08	569.47	481.86
	<b>J&amp;K Bank IV Total</b>					
	Gross loan - Opening	13100.00	13100.00	13100.00	13100.00	13100.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	1455.56	2911.11	4366.67
	Net loan - Opening	13100.00	13100.00	11644.44	10188.89	8733.33
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00
	Total	13100.00	13100.00	11644.44	10188.89	8733.33
	Repayments of Loans during the period	0.00	1455.56	1455.56	1455.56	1455.56
	Net loan - Closing	13100.00	11644.44	10188.89	8733.33	7277.78
	Average Net Loan	13100.00	12372.22	10916.67	9461.11	8005.56
	Rate of Interest on Loan	8.3000%	8.3000%	8.3000%	8.3000%	8.3000%
	Interest on Loan Annualised	1087.30	1026.89	906.08	785.27	664.46
	<b>Union Bank of India II D1 repayment from 01.02.2017 -20HY</b>					
	Gross loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00
	Cumulative repayments of Loans upto previous period	2500.00	3500.00	4500.00	5500.00	6500.00
	Net loan - Opening	7500.00	6500.00	5500.00	4500.00	3500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00
	Total	7500.00	6500.00	5500.00	4500.00	3500.00
	Repayments of Loans during the period	1000.00	1000.00	1000.00	1000.00	1000.00
	Net loan - Closing	6500.00	5500.00	4500.00	3500.00	2500.00
	Average Net Loan	7000.00	6000.00	5000.00	4000.00	3000.00
	Rate of Interest on Loan	8.5000%	8.5000%	8.5000%	8.5000%	8.5000%
	Interest on Loan Annualised	595.00	510.00	425.00	340.00	255.00
	<b>Union Bank of India II D7 repayment from 01.02.2017 -20HY</b>					
	Gross loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00
	Cumulative repayments of Loans upto previous period	2500.00	3500.00	4500.00	5500.00	6500.00
	Net loan - Opening	7500.00	6500.00	5500.00	4500.00	3500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00
	Total	7500.00	6500.00	5500.00	4500.00	3500.00
	Repayments of Loans during the period	1000.00	1000.00	1000.00	1000.00	1000.00
	Net loan - Closing	6500.00	5500.00	4500.00	3500.00	2500.00
	Average Net Loan	7000.00	6000.00	5000.00	4000.00	3000.00
	Rate of Interest on Loan	8.5000%	8.5000%	8.5000%	8.5000%	8.5000%
	Interest on Loan Annualised	595.00	510.00	425.00	340.00	255.00

**Calculation of Interest on Actual Loans**

Name of the Company  
Name of the Power Station

NTPC LTD.  
MOUDA II

(Amount in lacs)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
<b>2</b>						
	<b>Union Bank of India II Total</b>					
	Gross loan - Opening	20000.00	20000.00	20000.00	20000.00	20000.00
	Cumulative repayments of Loans upto previous period	5000.00	7000.00	9000.00	11000.00	13000.00
	Net loan - Opening	15000.00	13000.00	11000.00	9000.00	7000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00
	Total	15000.00	13000.00	11000.00	9000.00	7000.00
	Repayments of Loans during the period	2000.00	2000.00	2000.00	2000.00	2000.00
	Net loan - Closing	13000.00	11000.00	9000.00	7000.00	5000.00
	Average Net Loan	14000.00	12000.00	10000.00	8000.00	6000.00
	Rate of Interest on Loan	8.5000%	8.5000%	8.5000%	8.5000%	8.5000%
	Interest on Loan Annualised	1190.00	1020.00	850.00	680.00	510.00
	<b>VIJAYA BANK VI D1 repayment from 14.03.2020 -10Y</b>					
	Gross loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00
	Cumulative repayments of Loans upto previous period	0.00	1000.00	2000.00	3000.00	4000.00
	Net loan - Opening	10000.00	9000.00	8000.00	7000.00	6000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	10000.00	9000.00	8000.00	7000.00	6000.00
	Repayments of Loans during the period	1000.00	1000.00	1000.00	1000.00	1000.00
	Net loan - Closing	9000.00	8000.00	7000.00	6000.00	5000.00
	Average Net Loan	9500.00	8500.00	7500.00	6500.00	5500.00
	Rate of Interest on Loan	8.4000%	8.4000%	8.4000%	8.4000%	8.4000%
	Interest on Loan Annualised	798.00	714.00	630.00	546.00	462.00
	<b>VIJAYA BANK VI D2 repayment from 14.03.2020 -10Y</b>					
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	0.00	500.00	1000.00	1500.00	2000.00
	Net loan - Opening	5000.00	4500.00	4000.00	3500.00	3000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	5000.00	4500.00	4000.00	3500.00	3000.00
	Repayments of Loans during the period	500.00	500.00	500.00	500.00	500.00
	Net loan - Closing	4500.00	4000.00	3500.00	3000.00	2500.00
	Average Net Loan	4750.00	4250.00	3750.00	3250.00	2750.00
	Rate of Interest on Loan	8.4000%	8.4000%	8.4000%	8.4000%	8.4000%
	Interest on Loan Annualised	399.00	357.00	315.00	273.00	231.00
	<b>VIJAYA BANK VI Total</b>					
	Gross loan - Opening	15000.00	15000.00	15000.00	15000.00	15000.00
	Cumulative repayments of Loans upto previous period	0.00	1500.00	3000.00	4500.00	6000.00
	Net loan - Opening	15000.00	13500.00	12000.00	10500.00	9000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00
	Total	15000.00	13500.00	12000.00	10500.00	9000.00
	Repayments of Loans during the period	1500.00	1500.00	1500.00	1500.00	1500.00
	Net loan - Closing	13500.00	12000.00	10500.00	9000.00	7500.00
	Average Net Loan	14250.00	12750.00	11250.00	9750.00	8250.00
	Rate of Interest on Loan	8.4000%	8.4000%	8.4000%	8.4000%	8.4000%
	Interest on Loan Annualised	1197.00	1071.00	945.00	819.00	693.00
	<b>HDFC Bank Ltd.-III D5 repayment from 04.12.2021 - 9Y</b>					
	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	222.22	444.44
	Net loan - Opening	2000.00	2000.00	2000.00	1777.78	1555.56
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	2000.00	2000.00	2000.00	1777.78	1555.56
	Repayments of Loans during the period	0.00	0.00	222.22	222.22	222.22
	Net loan - Closing	2000.00	2000.00	1777.78	1555.56	1333.33
	Average Net Loan	2000.00	2000.00	1888.89	1666.67	1444.44
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	169.00	169.00	159.61	140.83	122.06
	<b>HDFC Bank Ltd.-III D7 repayment from 04.12.2021 - 9Y</b>					
	Gross loan - Opening	1500.00	1500.00	1500.00	1500.00	1500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	166.67	333.33
	Net loan - Opening	1500.00	1500.00	1500.00	1333.33	1166.67
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	1500.00	1500.00	1500.00	1333.33	1166.67
	Repayments of Loans during the period	0.00	0.00	166.67	166.67	166.67
	Net loan - Closing	1500.00	1500.00	1333.33	1166.67	1000.00
	Average Net Loan	1500.00	1500.00	1416.67	1250.00	1083.33
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	126.75	126.75	119.71	105.63	91.54

*[Handwritten Signature]*

**Calculation of Interest on Actual Loans**

Name of the Company  
Name of the Power Station

NTPC LTD.  
MOUDA II

(Amount in lacs)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
	<b>2</b>					
	<b>HDFC Bank Ltd.-III D8 repayment from 04.12.2021 - 9Y</b>					
	Gross loan - Opening	4500.00	4500.00	4500.00	4500.00	4500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	500.00	1000.00
	Net loan - Opening	4500.00	4500.00	4500.00	4000.00	3500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE					
	Total	4500.00	4500.00	4500.00	4000.00	3500.00
	Repayments of Loans during the period	0.00	0.00	500.00	500.00	500.00
	Net loan - Closing	4500.00	4500.00	4000.00	3500.00	3000.00
	Average Net Loan	4500.00	4500.00	4250.00	3750.00	3250.00
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	380.25	380.25	359.13	316.88	274.63
	<b>HDFC Bank Ltd.-III Total</b>					
	Gross loan - Opening	8000.00	8000.00	8000.00	8000.00	8000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	888.89	1777.78
	Net loan - Opening	8000.00	8000.00	8000.00	7111.11	6222.22
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00
	Total	8000.00	8000.00	8000.00	7111.11	6222.22
	Repayments of Loans during the period	0.00	0.00	888.89	888.89	888.89
	Net loan - Closing	8000.00	8000.00	7111.11	6222.22	5333.33
	Average Net Loan	8000.00	8000.00	7555.56	6666.67	5777.78
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	676.00	676.00	638.44	563.33	488.22

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98

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

Company		NTPC														
Name of generating Station		MOUDA STAGE II				Nov-18				Dec-18						
Month		Oct 18		Nov-18		Dec-18		Nov-18		Dec-18		Nov-18		Dec-18		
Sl.No	Particulars	Unit	Domestic coal		Domestic coal		Domestic coal		Domestic coal		Domestic coal		Domestic coal		Domestic coal	
			Supplied by rail	E-auction coal	Imported Coal	Supplied by rail	E-auction coal	Imported Coal	Supplied by rail	E-auction coal	Imported Coal	Supplied by rail	E-auction coal	Imported Coal	Supplied by rail	E-auction coal
1	Quantity of Coal/lignite supplied by coal/lignite company (Inclusive of opening stock) *	MT	5,94,816	1,58,995	0	5,92,644	1,78,362	0	5,92,209	1,53,565	0	5,92,209	1,53,565	0	5,92,209	1,53,565
2	Adjustment (+/-) in quantity supplied made by Coal/lignite Company	MT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Coal supplied by Coal/lignite Company (1+2)	MT	5,94,816	1,58,995	0	5,92,644	1,78,362	0	5,92,209	1,53,565	0	5,92,209	1,53,565	0	5,92,209	1,53,565
4	Normative transit & Handling losses (for Coal based projects)	MT	4,550	1,214	0	3,922	1,348	0	4,208	1,199	0	4,208	1,199	0	4,208	1,199
5	Net Coal/lignite supplied (3 - 4)	MT	5,90,266	1,57,781	0	5,48,722	1,77,014	0	5,88,000	1,52,366	0	5,88,000	1,52,366	0	5,88,000	1,52,366
6	Amount charged by the Coal/lignite Company	Rs.	1,28,93,97,145	81,93,01,959	0	1,24,06,18,190	85,48,75,516	0	1,36,87,49,903	65,64,72,356	0	1,36,87,49,903	65,64,72,356	0	1,36,87,49,903	65,64,72,356
7	Adjustment (+/-) in amount charged by coal/lignite Company	Rs.	1,28,93,97,145	81,93,01,959	0	1,24,06,18,190	85,48,75,516	0	1,36,87,49,903	65,64,72,356	0	1,36,87,49,903	65,64,72,356	0	1,36,87,49,903	65,64,72,356
8	Total Amount (6+7)	Rs.	1,28,93,97,145	81,93,01,959	0	1,24,06,18,190	85,48,75,516	0	1,36,87,49,903	65,64,72,356	0	1,36,87,49,903	65,64,72,356	0	1,36,87,49,903	65,64,72,356
9	Transportation charges by Rail / Ship / Road Transport	Rs.	81,91,77,651	23,08,96,875	0	72,07,85,600	24,79,72,831	0	72,68,23,250	20,33,24,708	0	72,68,23,250	20,33,24,708	0	72,68,23,250	20,33,24,708
10	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Demurrage charges, if any	Rs.	11,97,952	2,45,229	0	11,58,736	4,65,575	0	14,34,274	5,46,841	0	14,34,274	5,46,841	0	14,34,274	5,46,841
12	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	0	0	0	5,65,42,943	1,94,38,017	0	16,51,58,210	4,70,67,242	0	16,51,58,210	4,70,67,242	0	16,51,58,210	4,70,67,242
13	Total transportation charges (9+10-11+12)	Rs.	81,79,79,699	23,06,51,646	0	77,61,69,807	26,69,45,273	0	85,05,47,186	24,98,45,109	0	85,05,47,186	24,98,45,109	0	85,05,47,186	24,98,45,109
14	Total amount charged for Coal / Lignite supplied including transportation (8+13)	Rs.	2,10,73,76,844	1,04,99,53,605	0	2,01,67,87,997	1,12,18,20,789	0	2,25,92,97,089	90,63,17,465	0	2,25,92,97,089	90,63,17,465	0	2,25,92,97,089	90,63,17,465
15	Landed Cost of Coal/lignite	Rs / MT	3,570	6,654	0	3,675	6,337	0	3,842	5,948	0	3,842	5,948	0	3,842	5,948
16	Blending ratio(Domestic/Imported)**	Rs / MT	4278.11	1,000	0	4572.03	1,000	0	4778.58	1,000	0	4778.58	1,000	0	4778.58	1,000
17	Weighted average cost of coal /Lignite	Kcal/kg	4,093	4,093	0	4,003	4,003	0	4,055	4,055	0	4,055	4,055	0	4,055	4,055
18	GCV of domestic coal as per bill of coal company ( On Eq. basis)	Kcal/kg	4093.00	3,656	0	4003.00	3,855	0	4055.00	3,722	0	4055.00	3,722	0	4055.00	3,722
19	GCV of imported coal as per bill of coal company ( On Air dried basis)	Kcal/kg	4093.00	3,656	0	4003.00	3,855	0	4055.00	3,722	0	4055.00	3,722	0	4055.00	3,722
20	Weighted average GCV of coal/lignite as billed ( Wtd avg of Sl. No 18 & 19)	Kcal/kg	4093.00	3,656	0	4003.00	3,855	0	4055.00	3,722	0	4055.00	3,722	0	4055.00	3,722
21	GCV of domestic coal as received at station ( On TM basis)	Kcal/kg	3656.00	3,656	0	3656.00	3,656	0	3656.00	3,656	0	3656.00	3,656	0	3656.00	3,656
22	GCV of imported coal as received at station ( On TM basis)	Kcal/kg	3656.00	3,656	0	3656.00	3,656	0	3656.00	3,656	0	3656.00	3,656	0	3656.00	3,656
23	Weighted average GCV of coal as received at station ( On TM basis)	Kcal/kg	3656.00	3,656	0	3656.00	3,656	0	3656.00	3,656	0	3656.00	3,656	0	3656.00	3,656

99

*[Signature]*  
[Petitioner]

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

Company		NTPC			
Name of generating Station		MOUDA STAGE II			
Month		Oct 18			
Sl.No	Particulars	Unit	Domestic coal		
			Supplied by rail	E-auction coal	
				Imported Coal	
1	Quantity of Coal/lignite supplied by coal/lignite company (Inclusive of opening stock) *	MT	5,94,815.92	1,58,994.80	0.00
2	Adjustment (+/-) in quantity supplied made by Coal/lignite Company	MT	0.00	0.00	0.00
3	<b>Coal supplied by Coal/lignite Company (1+2)</b>	MT	5,94,815.92	1,58,994.80	0.00
4	Normative transit & Handling losses (for Coal based projects)	MT	4,549.98	1,213.77	0.00
5	<b>Net Coal/lignite supplied (3 - 4)</b>	MT	5,90,265.94	1,57,781.03	0.00
6	Amount charged by the Coal/lignite Company	Rs.	1,28,93,97,145.00	81,93,01,959.00	0.00
7	Adjustment (+ / -) in amount charged by coal/lignite Company	Rs.	0.00	0.00	0.00
8	<b>Total Amount (6 + 7)</b>	Rs.	1,28,93,97,145.00	81,93,01,959.00	0.00
9	Transportation charges by Rail / Ship / Road Transport	Rs.	81,91,77,651.00	23,08,96,875.00	0.00
10	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00	0.00
11	Demurrage charges, if any	Rs.	11,97,952.00	2,45,229.00	0.00
12	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	0.00	0.00	0.00
13	<b>Total transportation charges ( 9+/- - 10 - 11 + 12 )</b>	Rs.	81,79,79,699.00	23,06,51,646.00	0.00
14	<b>Total amount charged for Coal / Lignite supplied including transportation (8 + 13)</b>	Rs.	2,10,73,76,844.00	1,04,99,53,605.00	0.00
15	<b>Landed Cost of Coal / lignite</b>	Rs / MT	3,570.22	6,654.50	0.00
16	Blending ratio(Domestic/imported)**			1.000	
17	Weighted average cost of coal /lignite	Rs / MT		4278.11	
18	GCV of domestic coal as per bill of coal company ( On Eq.basis)	Kcal/kg		4,093	
19	GCV of imported coal as per bill of coal company ( On Air dried basis)	Kcal/kg			
20	Weighted average GCV of coal/lignite as billed ( Wtdavg of Sl. No 18 & 19)	Kcal/kg		4093.00	
21	GCV of domestic coal as received at station ( On TM basis)	Kcal/kg		3,656	
22	GCV of imported coal as received at station ( On TM basis)	Kcal/kg			
23	Weighted average GCV of coal as received at station ( On TM basis)	Kcal/kg		3656.00	0

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22/01/2020

M. S. BAGGI  
MNO: 087007  
PARTNER

UDIN: 20087002 AAAAAF 9790

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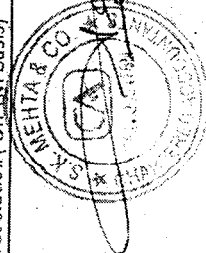
गणेश सी.एस. / Ganes C. S.  
अध्यक्ष महा प्रबंधक (वित्त) / AGM (Finance)  
एनटीपीसी लिमिटेड : NTPC Limited  
साक्षा सेवा केंद्र प. नं.-1 कवास / S.S.C. WR-1, Kawas  
कवास नैस पवर परिवहन/ Kawas Gas Power Project  
अदिलनगर, सुरत-394949 / Adliyanagar, Surat-394516.

Details/Information to be provided to beneficiaries under Clause (7) of Regulation 30 of CERC (Terms & conditions of Tariff) Regulations, 2014

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

Company		NTPC			
Name of generating Station		MOUDA STAGE II			
Month		Nov 18			
Sl.No	Particulars	Unit	Domestic coal	Imported Coal	
			Supplied by rail	E-auction coal	
1	Quantity of Coal/lignite supplied by coal/lignite company (Inclusive of opening stock) *	MT	5,52,643.72	1,78,361.88	0.00
2	Adjustment (+/-) in quantity supplied made by Coal/lignite Company	MT	0.00	0.00	0.00
3	Coal supplied by Coal/lignite Company (1+2)	MT	5,52,643.72	1,78,361.88	0.00
4	Normative transit & Handling losses (for Coal based projects)	MT	3,921.51	1,348.12	0.00
5	Net Coal/lignite supplied (3 - 4)	MT	5,48,722.21	1,77,013.76	0.00
6	Amount charged by the Coal/lignite Company	Rs.	1,24,06,18,190.00	85,48,75,516.00	0.00
7	Adjustment (+/-) in amount charged by coal/lignite Company	Rs.	0.00	0.00	0.00
8	Total Amount (6 + 7)	Rs.	1,24,06,18,190.00	85,48,75,516.00	0.00
9	Transportation charges by Rail / Ship / Road Transport	Rs.	72,07,85,600.00	24,79,72,830.50	0.00
10	Adjustment (+/-) in amount charged by railroads / transport company	Rs.	0.00	0.00	0.00
11	Demurrage charges, if any	Rs.	11,58,736.00	4,65,575.00	0.00
12	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	5,65,42,943.00	1,94,38,017.00	0.00
13	Total transportation charges (9+/- 10 - 11 + 12)	Rs.	77,61,69,807.00	26,69,45,272.50	0.00
14	Total amount charged for Coal / Lignite supplied including transportation (8 + 13)	Rs.	2,01,67,87,997.00	1,12,18,20,788.50	0.00
15	Landed Cost of Coal / lignite	Rs / MT	3,675.43	6,337.48	0.00
16	Blending ratio(Domestic/Imported)*			1.000	
17	Weighted average cost of coal /Lignite	Rs / MT		4572.03	
18	GCV of domestic coal as per bill of coal company ( On Eq.basis)	Kcal/Kg		4,003	
19	GCV of imported coal as per bill of coal company ( on Air dried basis)	Kcal/Kg			
20	Weighted average GCV of coal/lignite as billed ( Wtd avg of Sl. No 18 & 19)	Kcal/Kg		4003.00	
21	GCV of domestic coal as received at station ( On TM basis)	Kcal/Kg			
22	GCV of imported coal as received at station ( On TM basis)	Kcal/Kg		3,855	
23	Weighted average GCV of coal as received at station ( On TM basis)	Kcal/Kg		3855.00	0

*[Signature]*



22/01/2020

MNO: 087007  
PARTNER

UDIN: 20087002 AAAAF 9 790

(101)

गणेश सी.एस. / Ganesh C. S.  
अपर महा प्रबन्धक (फिन) / AGM (Finance)  
एनटीपीसी लिमिटेड / NTPC Limited  
आफिस: कोयला क्षेत्र, प.के.-1 कावास / S.S.C. WR-1, Kawas  
कावास गैस पावर परियोजना / Kawas Gas Power Project  
अहमदाबाद, गुजरात- 388499 / Adliyanagar, Surat-394518.

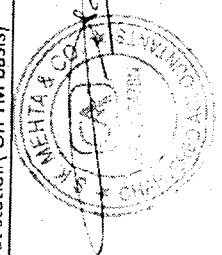
Details/Information to be provided to beneficiaries under Clause (7) of Regulation 30 of CERC (Terms & conditions of Tariff) Regulations, 2014

Annexure B

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

Company		NTPC		
Name of generating Station		MOUDA STAGE II		
Month		Dec 18		
Sl.No	Particulars	Unit	Domestic coal	Imported Coal
			Supplied by rail	E-auction coal
1	Quantity of Coal/lignite supplied by coal/lignite company (Inclusive of opening stock) *	MT	5,92,208.69	1,53,565.41
2	Adjustment (+/-) in quantity supplied made by Coal/lignite Company	MT	0.00	0.00
3	<b>Coal supplied by Coal/lignite Company (1+2)</b>	MT	5,92,208.69	1,53,565.41
4	Normative transit & Handling losses (for Coal based projects)	MT	4,208.27	1,199.28
5	<b>Net Coal/lignite supplied (3 - 4)</b>	MT	5,88,000.42	1,52,366.13
6	Amount charged by the Coal/lignite Company	Rs.	1,36,87,49,903.00	65,64,72,356.00
7	Adjustment (+ / -) in amount charged by coal/lignite Company	Rs.	0.00	0.00
8	<b>Total Amount (6 + 7)</b>	Rs.	1,36,87,49,903.00	65,64,72,356.00
9	Transportation charges by Rail / Ship / Road Transport	Rs.	72,68,23,249.50	20,33,24,707.50
10	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00
11	Demurrage charges, if any	Rs.	14,34,274.00	5,46,841.00
12	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	16,51,58,210.00	4,70,67,242.00
13	<b>Total transportation charges (9+/- 10 - 11 + 12)</b>	Rs.	89,05,47,185.50	24,98,45,108.50
14	<b>Total amount charged for Coal / Lignite supplied including transportation (8 + 13)</b>	Rs.	2,25,92,97,088.50	90,63,17,464.50
15	<b>Landed Cost of Coal / lignite</b>	Rs / MT	3,842.34	5,948.29
16	Blending ratio(Domestic/Imported)**			1.000
17	Weighted average cost of coal /Lignite	Rs / MT	4778.58	
18	GCV of domestic coal as per bill of coal company ( On Eq.basis)	Kcal/kg		4,055
19	GCV of imported coal as per bill of coal company ( on Air dried basis)	Kcal/kg		
20	Weighted average GCV of coal/lignite as billed ( Wtd avg of Sl. No 18 & 19)	Kcal/kg	4055.00	
21	GCV of domestic coal as received at station ( On TM basis)	Kcal/kg		3,722
22	GCV of imported coal as received at station ( On TM basis)	Kcal/kg		
23	Weighted average GCV of coal as received at station ( On TM basis)	Kcal/kg	3722.00	0

Paper



22/01/2020

J. BAGGA  
MNO: 087007  
PARTNER  
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102

जोधो जी.एस. / Ganesh C. S.  
अपर मेनर लाउक (विश) / AGM (Finance)  
एनटीपीसी लिमिटेड / NTPC Limited  
साजरा सेवा केंद्र प. नं. - 1 कावास / S.S.C. WR-1, Kawas  
कावास नैस पवर वरियोजना / Kawas Gas Power Project  
दिलयानगर, सुरत-388496 / Adliyanagar, Surat-394516.



## Details /information to be submitted in respect of fuel for computation of Energy charges

Name of the company  
Name of the power station

NTPC  
Mouda Stage 2

S.No	Particulars	Unit	OCT 18	Nov 18	Dec 18
1	Quantity of LDO supplied by oil company inclusive of opening stock	KL	4,229.29	6,220.81	5,618.16
2	Adjustment(+/-) in qty supplied by Oil company	KL	0.00	0.00	0.00
3	HFO/LDO supplied by oil company (1+2)	KL	4,229.29	6,220.81	5,618.16
4	Normative transit & handling losses	KL			
5	<b>Net oil supplied (3-4)</b>	<b>KL</b>	<b>4,229.29</b>	<b>6,220.81</b>	<b>5,618.16</b>
6	Amount charged by Oil company	Rs	20,05,06,818.88	34,40,88,144.26	31,07,54,121.80
7	Adjustment in amount charged by Oil company	Rs	0.00	0.00	0.00
8	Total amount charged (6+7)	Rs	20,05,06,818.88	34,40,88,144.26	31,07,54,121.80
9	Transportation charges by rail/ship/road	Rs	0.00	0.00	0.00
10	Adjustment(+/-) in amount charged by Oil company	Rs	0.00	0.00	0.00
11	Demurrage charges (if any)	Rs	0.00	0.00	0.00
12	Cost of diesel in transporting HFO/LDO if applicable	Rs	0.00	0.00	0.00
13	Total transportation charges (9+/-10-11+12)	Rs	0.00	0.00	0.00
14	Others/E.Tax	Rs	0.00	0.00	0.00
15	<b>Total amount charged for HFO/LDO (8+13+14)</b>	<b>Rs</b>	<b>20,05,06,818.88</b>	<b>34,40,88,144.26</b>	<b>31,07,54,121.80</b>
16	Weighted average rate of HFO/LDO (15/5)	Rs	47,409.06	55,312.41	55,312.41
17	Weighted average GCV of HFO/LDO	Kcal/litre	9,462.00	9,581.00	9,612.00

*Paw*  
(Petitioner)

103

Computation of Energy Charges

Name of the Company	NTPC Limited				
Name of the Power Station	Mauda Super Thermal Power Station Stage-II (1320 MW)				

	2019-20	2020-21	2021-22	2022-23	2023-24
No of Days in the year	366	365	365	365	366
Sp. Oil consumption ml/kwh	0.5	0.5	0.5	0.5	0.5
Auxiliary consumption %	6.25	6.25	6.25	6.25	6.25
Heat Rate Kcal/Kwh	2,255.53	2,255.53	2,255.53	2,255.53	2,255.53

1 Rate of Energy Charge from Sec. Fuel Oil/ Alternate Fuel (REC)<sub>s</sub> (p/kwh) =  $(Q_{a,h}) \times P_s$  = 2.662

2 Heat Contribution from SFO / Alternate Fuel (H)<sub>s</sub> =  $(Q_s) \times (GCV)_s$  = 4.780

3 Heat Contribution from coal (H)<sub>s</sub> = GHR - H<sub>s</sub> = 2250.75

4 Specific Primary Fuel Consumption (Op)<sub>h</sub> =  $H_p / (GCV)_p$  = 0.615

5 Rate of Energy charge from Primary Fuel (p/kwh) (REC)<sub>p</sub> = 262.908

6 Rate of Energy charge ex-bus (p/kwh) (REC) =  $\frac{((REC)_s + (REC)_p)}{(1-(AUX))}$  = 283.274

Computation of Variable Charges

Variable Charge (Coal) p/kwh	280.43	280.43	280.43	280.43	280.43
Variable Charge (Oil) p/kwh	2.84	2.84	2.84	2.84	2.84
<b>Total</b> p/kwh	283.280	283.280	283.280	283.280	283.280

Price of fuel from Form-15/15A

Coal Cost (Rs./MT)	4273.22	4273.22	4273.22	4273.22	4273.22
Oil Cost (Rs./KL)	53232.22	53232.22	53232.22	53232.22	53232.22

Computation of Fuel Expenses for Calculation of IWC:

ESO in a year (MUs)	9239.67	9214.43	9214.43	9214.43	9239.670
ESO for 50 days (MUs)	1262.250	1262.250	1262.25	1262.25	1262.250
Cost of coal for 45 Days (Rs. Lakh)	35397.90	35397.90	35397.90	35397.90	35397.90
Cost of oil for 2 months (Rs. Lakh)	437.20	436.00	436.00	436.00	437.20
Energy Expenses for 45 days (Rs. Lakh)	32181.32	32181.32	32181.32	32181.32	32181.32

Coal	3rd month	2nd month	1st month	Wtd. Avg.
Wtd. Avg. Price of Coal Rs./MT	4278.11	4572.03	4778.58	4273.22
Wtd. Avg. GCV of Coal as received kCal/Kg	3656	3855	3722	3743.30
Wtd. Avg. GCV of Coal as received after adjustment of 85 kcal/kg				
<b>Sec. Oil</b>				<b>3658.30</b>
Wtd. Avg. Price of Secondary Fuel Rs/KL	47409.06	55312.41	55312.41	53232.22
Wtd. Avg. GCV of Secondary Fuel kCal/L	9462.00	9581.00	9612.00	9560.52

*[Signature]*  
PELTIPONER

Name of the Petitioner  
Name of the Generating Station

NTPC Ltd  
Mauda Super Thermal Power Station Stage-II (1320 MW)

**Statement of Capital cost**

(To be given for relevant dates and year wise)

(Amount in Rs. Lakh)

S. No.	Particulars	2019-20		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening Gross Block Amount as per books	726409.2	38320.48	688088.72
	b) Amount of IDC in A(a) above	83766.44		
	c) Amount of FC in A(a) above			
	d) Amount of FERV in A(a) above	12526.02		
	e) Amount of Hedging Cost in A(a) above			
	f) Amount of IEDC in A(a) above	21543.52		
B	a) Addition in Gross Block Amount during the period (Direct purchases)			
	b) Amount of IDC in B(a) above			
	c) Amount of FC in B(a) above			
	d) Amount of FERV in B(a) above			
	e) Amount of Hedging Cost in B(a) above			
	f) Amount of IEDC in B(a) above			
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)			
	b) Amount of IDC in C(a) above			
	c) Amount of FC in C(a) above			
	d) Amount of FERV in C(a) above			
	e) Amount of Hedging Cost in C(a) above			
	f) Amount of IEDC in C(a) above			
D	a) Deletion in Gross Block Amount during the period			
	b) Amount of IDC in D(a) above			
	c) Amount of FC in D(a) above			
	d) Amount of FERV in D(a) above			
	e) Amount of Hedging Cost in D(a) above			
	f) Amount of IEDC in D(a) above			
E	a) Closing Gross Block Amount as per books			
	b) Amount of IDC in E(a) above			
	c) Amount of FC in E(a) above			
	d) Amount of FERV in E(a) above			
	e) Amount of Hedging Cost in E(a) above			
	f) Amount of IEDC in E(a) above			

**Note:**

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

*[Signature]*  
(Petitioner)

105

Name of the Petitioner  
Name of the Generating Station

NTPC Ltd  
Mauda Super Thermal Power Station Stage-II (1320 MW)

**Statement of Capital Woks in Progress**

(To be given for relevant dates and year wise)

(Amount in Rs. Lakh)

S. No.	Particulars	2019-20		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening CWIP as per books	30987.96	4858.91	26129.05
	b) Amount of IDC in A(a) above	3084.75		
	c) Amount of FC in A(a) above			
	d) Amount of FERV in A(a) above	92.29		
	e) Amount of Hedging Cost in A(a) above			
	f) Amount of IEDC in A(a) above	1114.82		
B	a) Addition in CWIP during the period			
	b) Amount of IDC in B(a) above			
	c) Amount of FC in B(a) above			
	d) Amount of FERV in B(a) above			
	e) Amount of Hedging Cost in B(a) above			
	f) Amount of IEDC in B(a) above			
C	a) Transferred to Gross Block Amount during the period			
	b) Amount of IDC in C(a) above			
	c) Amount of FC in C(a) above			
	d) Amount of FERV in C(a) above			
	e) Amount of Hedging Cost in C(a) above			
	f) Amount of IEDC in C(a) above			
D	a) Deletion in CWIP during the period			
	b) Amount of IDC in D(a) above			
	c) Amount of FC in D(a) above			
	d) Amount of FERV in D(a) above			
	e) Amount of Hedging Cost in D(a) above			
	f) Amount of IEDC in D(a) above			
E	a) Closing CWIP as per books			
	b) Amount of IDC in E(a) above			
	c) Amount of FC in E(a) above			
	d) Amount of FERV in E(a) above			
	e) Amount of Hedging Cost in E(a) above			
	f) Amount of IEDC in E(a) above			

**Note:**

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

106

*P. W.*  
(Petitioner)

## Calculation of Interest on Normative Loan

Name of the Company :		NTPC Limited							
Name of the Power Station :		Mauda Super Thermal Power Station Stage-II (1320 MW)							
S. No.	Particulars	(Amount in Rs Lakh)							
		Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2022-23	2023-24
1	2	3	4	5	6	7	8		
1	Gross Normative loan – Opening	4,53,947.61	4,75,680.99	5,09,184.99	5,21,768.19	5,25,618.19	5,25,618.19		
2	Cumulative repayment of Normative loan up to previous year	29,505.40	64,214.41	1,00,886.60	1,39,274.87	1,78,275.05	2,17,418.59		
3	<b>Net Normative loan – Opening</b>	4,24,442.21	4,11,466.58	4,08,298.39	3,82,493.31	3,47,343.13	3,08,199.59		
4	Add: Increase due to addition during the year / period	21733.38	33,504.00	12,583.20	3,850.00	-	-		
5	Less: Decrease due to de-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00	0.00		
6	Less: Decrease due to reversal during the year / period								
7	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00	0.00		
8	Less: Repayment of Loan	34709.01	36,672.19	38,388.28	39,000.18	39,143.54	39,143.54		
9	<b>Net Normative loan - Closing</b>	4,11,466.58	4,08,298.39	3,82,493.31	3,47,343.13	3,08,199.59	2,69,056.06		
10	<b>Average Normative loan</b>	4,17,954.39	4,09,882.48	3,95,395.85	3,64,918.22	3,27,771.36	2,88,627.83		
11	Weighted average rate of interest	6.3200	6.4899	6.5790	6.5944	6.5877	6.5057		
12	<b>Interest on Loan</b>	<b>26414.72</b>	<b>26601.06</b>	<b>26013.20</b>	<b>24064.25</b>	<b>21592.52</b>	<b>18777.25</b>		

*Rajiv*  
(Petitioner)

Calculation of Interest on Working Capital

Name of the Company :		NTPC Limited							
Name of the Power Station :		Mauda Super Thermal Power Station Stage-II (1320 MW)							
S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	(Amount in Rs Lakh)	
1	2	3	4	5	6	7	8		
1	Cost of Coal/Lignite	11,803.54	35397.90	35397.90	35397.90	35397.90	35397.90		
2	Cost of Main Secondary Fuel Oil	342.35	437.20	436.00	436.00	436.00	437.20		
3	Fuel Cost								
4	Liquid Fuel Stock								
5	O & M Expenses	2,450.09	2448.91	2588.02	2680.13	2727.62	2826.37		
6	Maintenance Spares	5,880.21	5877.39	6211.25	6432.32	6546.29	6783.28		
7	Receivables	63,971.66	49840.18	50478.49	50536.85	50338.61	50089.85		
8	Total Working Capital	84447.84	94001.59	95111.67	95483.21	95446.42	95534.61		
9	Rate of Interest	12.6000	12.0500	12.0500	12.0500	12.0500	12.0500		
10	Interest on Working Capital	10640.43	11327.19	11460.96	11505.73	11501.29	11511.92		

*P. M. R.*  
Petitioner

108

**PART-I  
FORM- S**

**Name of the Petitioner  
Name of the Generating Station**

**NTPC LTD  
Mouda STPS Stage-II**

Package	Party Name	Undischarged liabilities as on 01.04.2019
Air Conditioning	TRAC FUJICO AIR SYSTEMS LLP	0
Ash Handling Plant	Mcnally Bharat Engineering	18,12,39,375
C&I	GE POWER INDIA LTD	1,97,99,662
C&I	Thermo Cables Ltd	17,740
Capital Spares	BHARAT HEAVY ELECTRICALS LTD	7,60,29,417
Capital Spares	BHEL DELHI	0
Capital Spares	BRIDGE & ROOF COMPANY INDIA LTD	41,148
Capital Spares	ELECON ENGINEERING CO LTD	0
Capital Spares	ELECON EPC PROJECTS LTD	67,22,173
Capital Spares	GE POWER INDIA LTD	0
Capital Spares	Kirloskar Brothers Ltd	0
Capital Spares	LARSEN & TOUBRO LTD	0
Capital Spares	THERMAX LTD	7,278
Capital Spares	UNITECH MACHINES LTD	0
Township	AAYAM CONSTRUCTION	12,81,596
Coal Handling Plant	ELECON EPC PROJECTS LTD	37,56,58,308
Township	RAJ CONSTRUCTION	28,91,422
Construction Power	ABSOLUTE PROJECTS INDIA LTD	0
Control Cables	SPM Power & Telecom Pvt. Ltd.	0
Cooling Tower	LARSEN & TOUBRO LTD	11,18,74,761
Cooling Tower Package	PREMIUM TRANSMISSION LTD	1,004
Cooling Water - Civil	IVRCL LTD	1,18,98,191
Cooling Water Equipments	Kirloskar Brothers Ltd	4,49,97,885

109

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PART-I  
FORM- S

Name of the Petitioner Name of the Generating Station		NTPC LTD Mouda STPS Stage-II
Package	Party Name	Undischarged liabilities as on 01.04.2019
CW PIPING	AMR	1,71,49,704
CW PIPING	IVRCL LTD	4,15,89,218
Design, Fabrication, Supply, Installation and Commissioning of 3D	AKRITI	0
DG Sets	LARSEN & TOUBRO LTD	0
DM Plant	THERMAX LTD	1,25,24,365
EDP	COPYPRO TECHNOLOGIES PVT LTD	1,66,853
EDP	K2 INFOSYS	1,06,000
EDP	NEXUS COMPUTERS PVT LTD	0
EDP	SHREE COMP SYSTEMS	91,086
EDP	Signet Technologies Pvt Ltd	43,940
EDP	Yashraj Automation Services	16,900
Electrical Equipments	LARSEN & TOUBRO LTD	1,47,673
Township	M R ELECTRICALS	41,46,660
Enabling Works	SHREE D S CONSTRUCTION	2,21,289
Fire Detection & Protection system	UNITECH MACHINES LTD	72,86,139
Gen Bus Duct	BHARAT HEAVY ELECTRICALS LTD	1,39,887
Generator Bus Duct	BHARAT HEAVY ELECTRICALS LTD	1,24,51,488
HT Power Cable	Kei Industries Ltd	22,91,318
HT Switch Gear	LARSEN & TOUBRO LTD	1,14,93,828
Land	Chief Account Officer, MIDC	43,14,00,152
Laser based particle counter for Mouda	J J ENGINEERING PVT LTD	10,00,640
Lighting	LARSEN & TOUBRO LTD	0
Township	POLYCAB WIRES PVT LTD	61,578

110

P. J. M.



PART-I  
FORM- S

Name of the Petitioner  
Name of the Generating Station

NTPC LTD  
Mouda STPS Stage-II

Package	Party Name	Undischarged liabilities as on 01.04.2019
LT Power Cable	POLYCAB WIRES PVT LTD	3,38,577
LT Power Cable	TIRUPATI PLASTOMATICS PVT LTD	0
LT Switch Gear	GE INDIA INDUSTRIAL PVT LTD	1,59,13,170
Main Plant Civil	IVRCL LTD	0
Township	RAINBOW GREENERS	27,17,483
Main Plant Civil	Shree Balaji	4,01,928
MBOA	A K GANDHI ELECTRONICS AND	0
MBOA	Cecon Pollutech Systems Pvt Ltd	55,584
MBOA	Cravatex Ltd	5,28,896
MBOA	ECOMAN ENVIRO SOLUTIONS PVT LTD	79,500
MBOA	ELECTRO-MART	2,05,200
MBOA	HAYAJAMI PORTA SOLUTIONS PVT LTD	0
MBOA	HMT MACHINE TOOLS LIMITED	0
MBOA	J S INDUSTRIES	0
MBOA	NGDA SERVICES PVT LTD	1,24,498
MBOA	PHOENIX LUMINARIES PVT LTD	87,595
MBOA	SDC Power Technologies Pvt Ltd	71,000
MBOA	SHARP BUSINESS SYSTEMS (INDIA)	1,56,000
MBOA	TRANSASIA BIO-MEDICALS LTD	9,500
MBOA	Unique Stationers	72,900
MGR	RITES LTD	83,02,597
Township	(blank)	53,405
OutDoor Transformer	SCHNEIDER ELECTRIC INFRASTRUCTURE	1,09,02,500

111

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PART-I  
FORM- S

Name of the Petitioner  
Name of the Generating Station

NTPC LTD  
Mouda STPS Stage-II

Package	Party Name	Undischarged liabilities as on 01.04.2019
Power Transformer	EMCO Limited	39,17,523
Pre Treatment Plant	MCNALLY BHARAT ENGG COMPANY	1,77,69,320
Proc of Fire Extinguishers for CISF	KRUNAL ENGINEERING WORKS	18,974
Tools & Plant	TECHNO PUMPS & PROJECTS	53,080
Capital Spares	LUCKY TRADERS	0
Procurement of 1.5T Split Air Conditioners for NTPC Mouda	TAORI MARKETING	2,29,922
Capital Spares	UNITED ENGINEERING SERVICES	14,003
Capital Spares	AURO ENTERPRISE	67,745
Capital Spares	BRAY CONTROLS INDIA PVT LTD	65,892
PROCUREMENT OF BACKHOE LOADER, BUC. CAP. FE 1CUM/BE .25CUM	ACTION CONSTRUCTION EQUIPMENT	28,638
Procurement of Battery Operated Trolley	MAHINDRA STILLER AUTO TRUCKS LTD	60,180
Tools & Plant	JOSEPH LESLIE DYNAMIKS MFG PVT LTD	42,126
Capital Spares	S K SALES CORPORATION	18,520
Procurement of CNC Vertical Turning lathe machine for central Workshop	HMT MACHINE TOOLS LTD	0
Capital Spares	OM TECHNICAL SOLUTIONS	0
Procurement of Digital Earth Tester.	INSTRUMENT SALES CORPORATION	8,134
Capital Spares	INSTRUMENT SALES CORPORATION	2,59,170
Procurement of Excavator	BEML Ltd	0
Procurement of Floor Crane	MAHINDRA STILLER AUTO TRUCKS LTD	14,142
Procurement of furniture for school at NTPC Township	JS INDUSTRIES	610
Procurement of Grinding & Lapping Machine	FLUID CHEM VALVES INDIA PVT LTD	4,283
Procurement of Horizontal Boring machine	HMT MACHINE TOOLS LTD	19,17,257
Procurement of Hydraulic Torque Wrench	COTS & COTS	92,040

112

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**PART-I  
FORM- S**

**Name of the Petitioner  
Name of the Generating Station**

**NTPC LTD  
Mouda STPS Stage-II**

Package	Party Name	Undischarged liabilities as on 01.04.2019
Capital Spares	SIEMENS LTD	46,50,374
Capital Spares	TOSHNIWAL INDUSTRIES PVT LTD	34,676
Procurement of LAN Switches	K2 INFOSYS	7,191
Procurement of LED lights for NTPC Mouda	ENERGY EFFICIENCY SERVICES LTD	11,90,443
Turbine Generator	IMAGENOUS ENGINEERING PVT LTD	89,65,878
Procurement of Oil Centrifuging machine For NTPC Mouda	INDUSTRIAL TRADE LINKS	1,05,000
Procurement of Open Channel Ultrasonic Flowmeter	DHR HOLDING INDIA PVT LTD	43,419
Procurement of Portable Flue Gas Analyzer	NEVCO ENGINEERS PVT LTD	61,871
Procurement of Portable Inflatable Emergency Lighting System for NTPC	GLOBAL INSTRUMENTS CO	7,009
Procurement of Printers	COPYPRO TECHNOLOGIES PVT LTD	0
Capital Spares	ELECON ENGINEERING CO LTD	77,21,874
Procurement of Server 2017	HITACHI SYSTEMS MICRO CLINIC	21,768
Procurement of Sports Items for IRSM-2017, PO 2B	BIG-BEN SPORTS	475
Procurement of Transformer Dragging materials for NTPC Mouda	MONARCH ELECTRONICS	9,673
Reciprocating Air Compressor.	SA FIELD MARKETING &	37,170
Procurement of Videoscope with Accessories	ASHBOND ENGINEERS PVT LTD	1,40,700
Roads & Drains	D.Thakkar Constructions Pvt. Ltd.	0
Roads & Drains	G N NIKAM	64,13,975
Roads & Drains	IVRCL LTD	0
Water Supply, Drainage & Sewerage system	Kamal Kumar Jain	8,00,127
Roads & Drains	Shree Balaji	0
Water Supply, Drainage & Sewerage system	UNITED BUILDERS	27,50,634
Water Supply, Drainage & Sewerage system	HUBERT ENVIRO CARE SYSTEMS	37,65,579

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PART-I  
FORM- S

Name of the Petitioner Name of the Generating Station	NTPC LTD Mouda STPS Stage-II	
Package	Party Name	Undischarged liabilities as on 01.04.2019
Station Piping	BRIDGE & ROOF COMPANY INDIA LTD	2,30,06,110
Steam Generator	BHARAT HEAVY ELECTRICALS LTD	1,41,63,23,844
Township	Aakar Engineers & Contractors	51,18,090
Supply , Installation ,Commissioning and testing of Solar powered	SOLAR ELECTRONICS	2,34,780
Supply and Installation of Plant Gate Access Control System (CLIMS) at	HIRAL TEKTRONIX PVT LTD.	50,100
Supply and Installation of Plant Gate Access Control System (CLIMS) at NTPC	HIRAL TEKTRONIX PVT LTD.	46,500
Township	RAINBOW GREENERS	5,15,909
Capital Spares	ABB LTD	49,82,739
Supply of Godrej make furniture for BVB NTPC Vidya Mandir school, NTPC	NGDA SERVICES PVT LTD	18,07,809
Township	SHREE D S CONSTRUCTION	15,26,368
Water Supply, Drainage & Sewerage	AQUA MACHINERIES PVT LTD	38,327
Supply of porta cabin to NTPC Mouda	HAYAJAMI PORTA SOLUTIONS PVT LTD	19,45,235
Supply of Video Conferencing System for NTPC Mouda	Progility Technologies Pvt Ltd	31,216
Capital Spares	ABB LIMITED	2,97,34,391
Tools & Plant	BALVIKA STEEL CRAFTS	1,053
Tools & Plant	DHR HOLDING INDIA PVT LTD	0
Capital Spares	EAST WEST ENGINEERING &	0
Tools & Plant	GEEKAYS INDIA	0
Tools & Plant	HARISON PUMPS PVT LTD	11,151
Tools & Plant	HEATWORK ENGINEERS	0
Tools & Plant	HIGHTAGE ELECTRIC LLP	3,73,650
Tools & Plant	INVENTUM ENGINEERING CO. PVT. LTD.	0
Tools & Plant	KION INDIA PRIVATE LIMITED	0

114

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**PART-I  
FORM- S**

Name of the Petitioner Name of the Generating Station		NTPC LTD Mouda STPS Stage-II
Package	Party Name	Undischarged liabilities as on 01.04.2019
Tools & Plant	OMEGA CONSTRUCTION EQUIPMENT	2,95,700
Tools & Plant	P& B CREATIVE MARKETING ENTERPRISE	10,054
Tools & Plant	PCI LTD	1,78,257
Tools & Plant	QUALITY MACHINE TOOLS CORPN.	1,725
Tools & Plant	RUBY INTERNATIONAL INDIA	0
Tools & Plant	SUJYOTI INDIA PVT LTD	0
Tools & Plant	TESTING INSTRUMENTS MANUFACTURING	4,302
Township	SR 39 ENGINEERS PVT LTD	6,556
Township	SUNIL HI TECH ENGINEERS LTD	31,99,428
Township	SHILPI ENGINEERING PVT LTD	92,04,935
Township	ERA	1,77,79,035
Transformer	LARSEN & TOUBRO LTD	0
Turbine Generator	BHARAT HEAVY ELECTRICALS LTD	82,55,77,427
Ventillation	C DOCTOR & COMPANY PVT LTD	39,75,665
Work shop & Lab equipments	CHEMICALS & INSTRUMENTS CORPORATION	31,590
Work shop & Lab equipments	CHHABI ELECTRICALS PVT LTD	413
Work shop & Lab equipments	EMERSON PROCESS	1,36,542
Work shop & Lab equipments	IR TECHNOLOGY SERVICES PVT LTD	11,000
Work shop & Lab equipments	KINETIC POLYMERS	2,655
Work shop & Lab equipments	KLASSIC KLAROL FILTERS PVT LTD	0
Work shop & Lab equipments	OMEGA CONSTRUCTION EQUIPMENT	1,12,700
Work shop & Lab equipments	SPM INSTRUMENTS INDIA PVT LTD	1,22,271
<b>Grand Total</b>		<b>3,83,20,48,413</b>

115

*P. J. W.*

## Summary of issue involved in the petition

Name of the Company :		NTPC Limited				
Name of the Power Station :		Mauda Super Thermal Power Station Stage-II (1320 MW)				
1	Petitioner:	NTPC Limited				
2	Subject	Approval of Tariff for 2019-24				
3	Prayer:	<p>i) Approve tariff of Mauda STPS-II for the tariff period 01.04.2019 to 31.03.2024.</p> <p>ii) Allow the recovery of filing fees as &amp; when paid to the Hon'ble Commission and publication expenses from the beneficiaries.</p> <p>iii) Allow reimbursement of Ash Transportation Charges directly from the beneficiaries quarterly on net basis.</p> <p>iv) Consider station heat rate based on design heat rate with applicable operating margin.</p> <p>v) Pass any other order as it may deem fit in the circumstances mentioned above.</p>				
4	Respondents	Name of Respondents				
	a. Madhya Pradesh Power Management Company Limited	e. Electricity Department, Goa				
	b. Maharashtra State Electricity Distribution Co Ltd.	f. Electricity department, DNH				
	c. Gujarat UrjaVikas Nigam Ltd.(GUVNL)					
	d. Chattisgarh State Power Distribution Co. Ltd.,					
5	Project Scope					
	Cost					
	COD	27.03.2014				
	Claim					
	AFC	2019-20	2020-21	2021-22	2022-23	2023-24
		143625.44	148410.45	148883.80	147275.79	145656.10
	Capital cost (as on 1.4.2019)	679544.26				
	Initial spare					
	NAPAF (Gen)	85%				
	Any Specific					

\* Units of amounts shown in Rs Lakh

116

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