

**TARIFF PETITION  
FOR DETERMINATION OF TARIFF  
FOR  
Khargone STPP (2X660 MW)**

**(From Anticipated COD of U#1 (30.09.2019) to 31.03.2024)**

**BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION**  
**NEW DELHI**

**PETITION NO: .....**

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 for approval of tariff of Khargone Super Thermal Power Station (2X660 MW) for the period from anticipated date of Commercial Operation of the Unit-I (i.e. 30.09.2019) to 31.03.2024.

**INDEX**

Sl. No.	Description	Page No.
1	Petition for determination of Tariff of Khargone STPS for the period from anticipated COD of Unit-I i.e. 30.09.2019 to 31.03.2014	1 - 9
2	Affidavit	10-11
3	Appendix-I	12-99
4	Annexure-A	100-101
5	Annexure-B	102
6	Sub delegation of power	103-109



**BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION**  
**NEW DELHI**

**PETITION NO: .....**

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 for approval of tariff of Khargone Super Thermal Power Station (2X660 MW) for the period from anticipated date of Commercial Operation of the Unit-I (i.e. 30.09.2019) 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. The Managing Director  
MPPMCL, Shakti Bhawan  
Vidyut Nagar, Rampur  
Jabalpur-110003
2. The Chairman & Managing Director  
MSEDCL, Prakashgad,  
Bandra (East),  
Mumbai-400051
3. The Managing Director  
GUVNL,  
2nd Floor Sardar Patel Vidyut Bhawan,  
Race course,  
Vadodara -390007
4. The Managing Director  
CSPDCL  
Vidyut Sewa Bhawan ,  
Dagania , RAIPUR – 492001
5. Chief Electrical Engineer  
3rd Floor, Vidyut Bhawan,  
Panaji, Goa-403001
6. Chief Engineer  
DNH Power Distribution Corporation Ltd.  
UT of DNH,  
Silvassa-396230

①

*Stw*

7. Executive Engineer  
Electricity Department,  
Administration of Daman & Diu,  
Daman-396210

The Petitioner humbly states that:

- 1) The Petitioner herein NTPC Ltd., hereinafter called 'NTPC', is a Government Company within the meaning of the Companies Act, 1956. Further, it is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.
- 2) The Petitioner is having various power stations/projects throughout the country. Khargone Super Thermal Power Station (hereinafter referred as 'Khargone STPS') is one such project of the Petitioner located in Khargone district of Madhya Pradesh .
- 3) Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 (hereinafter referred as 'Tariff Regulations 2019') for a period of 5 years which have come into force from 01.04.2019 and specified the terms & conditions and methodology of tariff determination for the generating station/ transmission licensee. The Petitioner is filing the present petition for determination of tariff of Khargone STPS for the period from anticipated date of Commercial Operation of Unit-I (i.e. 30.09.2019) to 31.03.2024 as per the Tariff Regulations, 2019.
- 4) 5) Further, the Ministry of Power, Government of India vide its allocation letter dtd. 17.07.2017, has allocated the power generated from this station amongst beneficiaries located in the electrically connected Western Region. A copy of the letter is enclosed at **Annexure-A**. The power generated from Khargone Super Thermal Power Station (2X660 MW) shall be supplied to the respondents mentioned hereinabove.
- 6) The investment approval of the Khargone STPS project was accorded by NTPC Board at its 417<sup>th</sup> meeting held on 25.02.2015, subject to MOEF clearance, at a completed project cost of Rs. 11148.86 Crs at a price level

(2)



of 1<sup>st</sup> Qtr 2015. MOEF clearance was accorded on 31.03.2015. Accordingly, the zero date of the project is 31.03.2015. A copy of the NTPC Board approval is enclosed at **Annexure-B**.

- 7) The Hon'ble Commission, under Section 79(1)(a) and 62 of Electricity Act, 2003, is vested with the jurisdiction to regulate/determine the tariff of the Generating Companies owned or controlled by the Central Government.
- 8) The present petition is being filed as per the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 along with the tariff forms as prescribed in the said regulation for the coal based thermal generating stations and also as per the Central Electricity Regulatory Commission (Procedure for making of application for determination of tariff, publication and other related matters) Regulations, 2004. These relevant tariff forms are enclosed as **Appendix-I**, with computation of tariff from anticipated COD of first unit of Khargone STPS on 30.09.2019.
- 9) It is further submitted that U#2 of Khargone STPP is anticipated to be declared under Commercial Operation on 28.02.2020. Accordingly, the Annual Fixed Charges have been provisionally computed for the station (both U#1 & U#2) as per the anticipated capitalisation, as shown in Form-B of Appendix-I, subject to revision after the actual COD of the unit/station.
- 10) The tariff claimed is based on expected capitalization as on anticipated COD of U#1 and Unit#2 and the projected additional capital expenditure thereof up to 31.03.2024 against the works within the original scope of work pertaining to of Khargone STPS in accordance with Regulation 24 of the Tariff Regulations, 2019. The actual expenditure in respect of instant station shall be submitted before the Hon'ble Commission after actual COD of the Unit/station along with projected additional capital expenditure up to the cut-off date along with audited financial statements.
- 11) The Petitioner has filled details in Form 4 (Details of Foreign Loans) considering Exchange Rate as Rs 63.62 per Dollar, Rs 79.65 per Euro and

3

*[Handwritten signature]*

Rs 0.6516 per JPY as on 30.06.2019 as the Base Exchange rate. However, any variation in capital cost shall be submitted at the time of truing up based on actual IDC and FERV applicable up to COD. Further, extra rupee liability towards interest payment and loan repayment in the relevant years shall be recoverable / payable w.r.t. to exchange rate as applicable on COD as per provisions of Tariff Regulations 2019.

- 12) It is further submitted that in the erstwhile IGAAP, the expenses paid upfront for the issuance of loan were accounted as and when incurred and the same were used to be claimed as a part of IDC during construction period. Under IndAS the upfront expenditure pertaining to expenses for issuance of bond is to be amortised over the tenure of the loan resulting in part capitalization as IDC till construction period. Since actual cash expenditure up to the COD is to be part of the capital cost, petitioner has included the unamortized part of bond issue expenses in the capital cost. Hon'ble Commission may be pleased to allow the same.

During construction period, in the erstwhile IGAAP as per Para 46A of AS-11, FERV on loan was to be capitalized and accordingly the same was claimed as part of capital cost. However, as per IndAS FERV on foreign currency loans drawn after 01.04.2016 shall not form part of Gross Block and shall be charged to the statement of Profit & Loss as Borrowing cost/FERV. However, as per Clause 19(2)(C) of Tariff Regulations 2019, in case of new projects any gain or loss on account of foreign exchange risk variation pertaining to the loan availed during the construction period shall form part of capital cost. Accordingly, the Petitioner has considered the FERV (incurred during construction period) on Foreign currency loan drawn after 01.04.2016 charged to P&L in the capital cost.

- 13) In terms of above, ERV gain of Rs 5705.00 lakhs on Loan drawn after 01.04.2016 transferred to profit & loss account up to 30.06.2019 and the same has been adjusted with capital cost of the project. Further, as per the accounting guidelines issued by ICAI, the company has charged FERV loss of Rs -929.85 lakh as Short Term ERV. The ERV gain/deficit upto the actual COD shall be claimed based on the audited financial statements as on actual COD of the Units.

4

SAW

- 14) Further, In terms of Regulation 19(2)(b), equity deployed in excess of 30% of the fund deployed has been considered as normative loan and notional IDC of Rs. 129.23 lakhs has been considered as part of the capital cost of the project. Notional IDC, if any, upto the actual COD of the Units shall be claimed based on audited financial statements.
- 15) Regulation-31 of CERC Tariff Regulations 2019 provides that the effective Tax rate is to be considered for computation of Rate of pre-tax ROE. In the instant Petition, the effective tax rate of 17.42% has been considered which is pertaining to FY 2019-20 for computation of ROE for the period 2019-24. However, the same shall be revised on year on year basis at the time of truing up.
- 16) Regulation 35(1)(6) of the Tariff Regulations 2019 provides that the water charges and capital spares consumed for thermal generating stations are to be allowed separately. The details in respect of water charges such as type of cooling water system, water allocation, rate of water charges as applicable for 2018-19 have been furnished below. In accordance with provision of the Regulations, the petitioner shall be furnishing the details of actual water charges for the relevant year at the time of truing up and the same shall be subject to retrospective adjustment.

Description	Remarks
Type of Plant	Coal
Type of cooling water system	Closed Circuit Cooling System
Allocation of Water for Khargone STPS	40 MCM
Rate of Water charges	Rs 5.5 per Cubic meter
Total Yearly Water Charges as per allocation	Rs. 2200 Lakh. (For Both Units under commercial operation)

In respect of capital spares consumption, it is submitted that the petitioner seeks liberty to claim the same as part of O&M at the time of true-up based on actual consumption.

(5)

*Signature*

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

FY	Security Expenses (Rs Lakh)
2017-18	140.82
2018-19	175.92

On the basis of the above security expenses, the provisional claim of security expenses under O&M expenses for the period from COD of U#1 to 31.03.2024 is being made by the Petitioner considering the expenses in FY 2018-19. As per the regulation, the actual expenses shall be provided for year on year basis at the time of truing up and the same shall be subject to retrospective adjustment. Hon'ble Commission may be pleased to allow the above expenses under the head of O&M expenses.

- 18) It is further submitted that the petitioner shall approach Hon'ble Commission with a separate petition for determination of Supplementary Tariff with respect to implementation of various systems in compliance of revised emission standards pertaining to the Environmental Control System (ECS) in line with the Regulation 14(2) read with Regulation 24 of Tariff Regulations, 2019. The petitioner seeks liberty to file the details of ECS in terms of Regulations 29 along with the revised petition to be filed upon actual COD along with audited Financial Statements.

- 19) **Ash Transportation costs** :

The Petitioner humbly submits that on 25.01.2016, MoEFCC has issued an amendment in the Fly ash Notification which inter alia stipulates that the cost of transportation of ash for road construction projects/ other identified activities within radius of 100 km of the power plant shall be borne by such coal based thermal power plant. The cost of transportation beyond radius the of 100 km and upto 300 km shall be equally shared between the user and the coal based thermal power plant. The Notification dated 25.01.2016 has put additional financial burden on the generating companies. Such costs have not been envisaged at the time of formulating the norms for the tariff for the period 2019-24. In this regard, the Petitioner had already approached the Hon'ble Commission with Petition No.172/MP/2016 for in

6

S...



principle approval of Ash transportation charges and the same was decided by the Hon'ble Commission vide order dated 5.11.2018 granting liberty to the Petitioner to approach the Hon'ble Commission at the time of truing up to claim the additional O&M on account of Ash Transportation Charges during the period 2014-19.

In view of the above, it is humbly submitted that Hon'ble Commission may be pleased to consider the claim made by the Petitioner during the tariff period 2019-24 on the similar principle under 'Change in Law' and grant liberty to the Petitioner to claim additional O&M charges under Regulation-76 (Power to relax) of CERC Tariff Regulations, 2019.

- 20) It is submitted that the petitioner has deposited the requisite filing fee of Rs. 1456000 vide UTR no CMS 1247579975 in accordance with CERC (Payment of Fees) Regulations, 2012 and same is being filed as Form-I accompanied with the petition.
- 21) At present, the instant petition is being filed seeking approval of tariff of Khargone STPS from date of anticipated COD of the Unit-I (i.e. 30.09.2019) to 31.03.2024. Further, it is submitted that since Unit -1 of Khargone STPS is likely to be declared under COD shortly as above and disposing the instant petition may take some time, NTPC prays that the Hon'ble Commission may grant the interim tariff for the instant station considering the submissions made by the Petitioner in the instant station as per the Regulation '10(3) of CERC (Terms & Conditions of Tariff) Regulations 2019 to facilitate billing of energy supplied to various beneficiaries after the COD of the unit based on the capital cost/ annual fixed charges claimed in the instant petition for the period till final tariff as per CERC Tariff Regulations 2019 is determined by the Hon'ble Commission.
- 22) Actual expenses on publication of notices in newspapers, as per the Central Electricity Regulatory Commission (Procedure for making of application for

(7)

Sp

determination of tariff, publication and other related matters) Regulations, 2004, may be allowed to be recovered from beneficiaries / respondents.

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

### Prayer

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

- i) Approve / determine the capital cost and tariff of Khargone STPS for 2019-24 Tariff Block, taking into account the submissions made herein above, in the Forms and Annexures filed herewith permitting the Petitioner to recover Annual Fixed Cost.
- ii) Grant interim order to facilitate billing and allow the Petitioner to provisionally charge tariff from its actual date of Commercial Operation as per this petition till the time the tariff for Khargone STPS (2 X 660 MW) is determined by Hon'ble Commission.
- iii) Grant liberty to the petitioner to approach the Hon'ble Commission seeking in-principle approval for implementation of various systems in the instant station to comply with revised emission standards.
- iv) Grant liberty to the petitioner to approach the Hon'ble Commission for claiming the Ash Transportation Charges (under O&M expenses) as part of Annual Fixed Charges (AFC).
- v) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and the publication expenses from the beneficiaries.

(8)

*[Handwritten signature]*

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

  
(Petitioner)

New Delhi

26.09.2019

9

**BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION**

**NEW DELHI**

**PETITION NO: .....**

In the Matter of

:Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 for approval of tariff of Khargone Super Thermal Power Station (2 X 660 MW) for the period from anticipated date of Commercial Operation of the Unit-I (i.e. 30.09.2019) to 31.03.2024.

And  
In the matter of

Petitioner

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

Respondent:

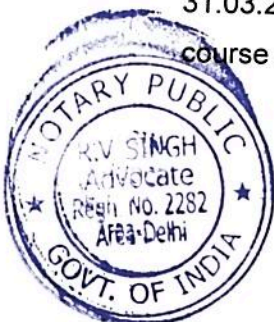
1. Madhya Pradesh Power Management Company Limited,  
Shakti Bhawan, Vidyut Nagar,  
Rampur, Jabalpur-482 008

.....  
And Others

**AFFIDAVIT**

I, E. Prabhakara Rao, son of Late Shri E. K. Rama Sharma aged about 52 years, resident of D-311, Parsvnath Prestige, Sector - 93 A, Noida (U.P), -201304 do solemnly affirm and state as under:

1. That I am the Additional General Manager in Petitioner Corporation NTPC Ltd. and am well conversant with the facts of the case and am competent to swear the present affidavit.
2. The statement made in the accompanying Petition for approval of tariff of Khargone Super Thermal Power Station (2 X 660 MW) for the period from anticipated date of Commercial Operation of the Unit-I (i.e. 30.09.2019) to 31.03.2024 are based on the official records maintained during the ordinary course of business and believed by the deponent to be true.



(10)

Deponent

**Verification**

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

Verified at New Delhi on this 26<sup>th</sup> September 2019.

*Spr...*  
Deponent



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

*[Signature]*  
Notary Public, DELHI

26 SEP 2019

11

**TARIFF FILING FORMS (THERMAL)  
FOR DETERMINATION OF TARIFF**

**PART-I**

**APPENDIX-I**

*Sw...*

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

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM-1	Summary of Tariff	✓
FORM -1 (I)	Statement showing claimed capital cost	✓
FORM -1 (II)	Statement showing Return on Equity	✓
FORM-2	Plant Characteristics	✓
FORM-3	Normative parameters considered for tariff computations	✓
FORM-3A##	Calculation of O&M expenses	✓
FORM- 4	Details of Foreign loans*	NA
FORM- 4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	NA
FORM- 6	Financial Package upto COD	✓
FORM- 7	Details of Project Specific Loans	NA
FORM- 8	Details of Allocation of corporate loans to various projects	✓
FORM-9	Statement of Additional Capitalisation after COD	✓
FORM- 10	Financing of Additional Capitalisation	NA
FORM- 11	Calculation of Depreciation on original project cost	✓
FORM- 12	Statement of Depreciation	✓
FORM- 13	Calculation of Weighted Average Rate of Interest on Actual Loans	✓
FORM- 14	Draw Down Schedule for Calculation of IDC & Financing Charges	✓
FORM- 15	Details of Fuel for Computation of Energy Charges <sup>1</sup>	✓
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	**

\* Details submitted in Form -8

## Additional forms

PART-I

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

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

\*\* To be submitted at the time of truing up.

13

Stu...

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

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

\*\* To be submitted at the time of truing up.

Note 1: Electronic copy of the petition (in words format) and detailed calculation as per these formats (in excel format) and any other information submitted has to be uploaded in the e-filing website .

14

*Spr...*



## Summary of Tariff

PART-I  
FORM- I

Name of the Petitioner: NTPC Limited  
Name of the Generating Station: Khargone STPS (2x660 MW)  
Place (Region/District/State): Western Region/Khargone District/Madhya Pradesh

S. No.	Particulars	Unit	Existing 2018-19	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.20120 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24							
1	2	3	4	5	6	7	8	9	10							
1.1	Depreciation	Rs Lakh	NA	30,140.86	50,888.25	51,798.75	52,246.41	52,466.45	52,466.45							
1.2	Interest on Loan	Rs Lakh		24,118.95	39,889.21	39,266.60	36,785.91	33,314.30	29,179.58							
1.3	Return on Equity	Rs Lakh		34,129.74	56,649.50	57,663.08	58,161.43	58,406.37	58,406.37							
1.4	Interest on Working Capital	Rs Lakh		6,396.91	12,352.40	12,418.40	12,443.87	12,448.50	12,438.29							
1.5	O&M Expenses	Rs Lakh		14559.56	29119.12	30056.32	31033.12	32036.32	33079.12							
1.6	Special Allowance (If applicable)	Rs Lakh														
1.7	Compensation Allowance (If applicable – relevant for column 4 only)	Rs. Lakh														
	<b>Total</b>	<b>Rs Lakh</b>		109346.02	188898.48	191203.16	190670.73	188671.95	185569.82							
2.1	Landed Fuel Cost (coal/gas/RLNG/ liquid) as per FSA approved by beneficiaries	Rs/Ton	Shall be submitted at the time of truing up													
	(%) of Fuel Quantity	(%)														
2.2	Landed Fuel Cost Imported Coal as per FSA approved by beneficiaries															
	(%) of Fuel Quantity															
2.3	Landed Fuel Cost ( coal/gas /RLNG/liquid) other than FSA	Rs/Ton														
	(%) of Fuel Quantity	(%)														
2.4	Landed Fuel Cost Imported Coal other than FSA.															
	(%) of Fuel Quantity															
2.5	Secondary fuel oil cost	Rs/Unit								0.0259						
	Energy Charge Rate ex-bus (Paise/kWh) 2A, 2B, 2C, 2D	Rs/Unit								2.959						

(Petitioner)

Note:

1. Details of calculations, considering equity as per regulation, to be furnished.
- 2A. If multi fuel is used simultaneously, give 2 in respect of every fuel individually.
- 2B. The rate of energy charge shall be computed for open cycle operation and combined cycle operation separately in case of gas/liquid fuel fired plants.
- 2C. The total energy charge shall be worked out based on ex-bus energy scheduled to be sent out.
- 2D. The Energy Charge rate for the month shall be based on fuel cost(s) and GCV(s) for the month as per Regulation 43.
- 2E. In case breakup is not available for 2.1 to 2.5, consolidated statement needs to be submitted.

15

Name of the Petitioner : NTPC Limited  
 Name of the Generating Station: Khargone STPS (2x660 MW)

PART-I  
 FORM-I(I)  
 (Amount in Rs Lakh)

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

S. No.	Particulars	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
1	Opening Capital Cost	6,06,104.41	9,92,529.17	10,19,529.17	10,28,529.17	10,37,229.17	10,37,229.17
2	Add: Addition during the year/period	-	27,000.00	9,000.00	8,700.00	-	-
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	6,06,104.41	10,19,529.17	10,28,529.17	10,37,229.17	10,37,229.17	10,37,229.17
7	Average Capital Cost	6,06,104.41	10,06,029.17	10,24,029.17	10,32,879.17	10,37,229.17	10,37,229.17

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

S. No.	Particulars	2019-20 (31.08.2019 to 31.01.2020)	2019-20 (01.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
	Capital Cost as on COD of Unit-I/Unit2	5,97,860.14	9,84,284.90				
	Notional IDC	129.23	129.23				
	Short Term FERV	-929.85	-929.85				
	Loan FERV transferred to P&L	5705.00	5705.00				
	Unamortized bond issue expense	3339.89	3339.89				
1	Opening Capital Cost	6,06,104.41	9,92,529.17	10,19,529.17	10,28,529.17	10,37,229.17	10,37,229.17
2	Add: Addition during the year / period	-	27,000.00	9000	8700	0	0
3	Less: De-capitalisation during the year / period						
4	Less: Reversal during the year / period						
5	Add: Discharges during the year / period						
6	Closing Capital Cost	6,06,104.41	10,19,529.17	10,28,529.17	10,37,229.17	10,37,229.17	10,37,229.17
7	Average Capital Cost	6,06,104.41	10,06,029.17	10,24,029.17	10,32,879.17	10,37,229.17	10,37,229.17

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

S. No.	Particulars	2019-20 (31.08.2019 to 31.01.2020)	2019-20 (01.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	7	7	8
1	Opening Capital Cost						
2	Add: Addition during the year / period						
3	Less: De-capitalisation during the year / period						
4	Less: Reversal during the year / period						
5	Add: Discharges during the year / period						
6	Closing Capital Cost						
7	Average Capital Cost						

*S.P.*  
 (Petitioner)

16

Name of the Petitioner: NTPC Limited  
Name of the Generating Station: Khargone STPS (2x660 MW)

PART-I  
FORM-1(IIA)  
(Amount in Rs Lakh)

Statement showing Return on Equity at Normal Rate:

Sr	Particulars	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2	3		4	5	6	7
	Return on Equity						
1	Gross Opening Equity (Normal)	1,81,831.32	2,97,758.75	3,05,858.75	3,08,558.75	3,11,168.75	3,11,168.75
2	Less: Adjustment in Opening Equity						
3	Adjustment during the year						
4	Net Opening Equity (Normal)	1,81,831.32	2,97,758.75	3,05,858.75	3,08,558.75	3,11,168.75	3,11,168.75
5	Add: Increase in equity due to addition during the year / period	-	8,100.00	2,700.00	2,610.00	-	-
7	Less: Decrease due to De-capitalisation during the year / period	0	0	0	0	0	0
8	Less: Decrease due to reversal during the year / period	0	0	0	0	0	0
9	Add: Increase due to discharges during the year / period	0	0	0	0	0	0
10	Net closing Equity (Normal)	1,81,831.32	3,05,858.75	3,08,558.75	3,11,168.75	3,11,168.75	3,11,168.75
11	Average Equity (Normal)	1,81,831.32	3,01,808.75	3,07,208.75	3,09,863.75	3,11,168.75	3,11,168.75
12	Rate of ROE	18.770%	18.770%	18.770%	18.770%	18.770%	18.770%
12	Total ROE	34,129.74	56,649.50	57,663.08	58,161.43	58,406.37	58,406.37

  
(Petitioner)

17

## Plant Characteristics

Name of the Petitioner	NTPC Ltd.		
Name of the Generating Station	Khargone STPP (2x660 MW)		
Unit(s)/Block(s)/Parameters	Unit-I	Unit-II	
Installed Capacity ( MW)	660 MW	660 MW	
Schedule COD as per Investment Approval	52 months from zero date(31.03.2015)	58 months	
Actual COD /Date of Taken Over (as applicable)			
Pit Head or Non Pit Head	Non pit head	Non pit head	
Name of the Boiler Manufacture	LMB	LMB	
Name of Turbine Generator Manufacture	LMTG	LMTG	
Main Steams Pressure at Turbine inlet (kg/Cm <sup>2</sup> ) abs <sup>1</sup> .	270	270	
Main Steam Temperature at Turbine inlet (°C) <sup>1</sup>	600	600	
Reheat Steam Pressure at Turbine inlet (kg/Cm <sup>2</sup> ) <sup>1</sup>	49.6	49.6	
Reheat Steam Temperature at Turbine inlet (°C) <sup>1</sup>	600	600	
Main Steam flow at Turbine inlet under MCR condition (tons /hr) <sup>2</sup>	1849.134	1849.134	
Main Steam flow at Turbine inlet under VWO condition (tons /hr) <sup>2</sup>	1998.084	1998.084	
Unit Gross electrical output under MCR /Rated condition (MW) <sup>2</sup>	660	660	
Unit Gross electrical output under VWO condition (MW) <sup>2</sup>	693	693	
*Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh) <sup>3</sup>	Unit Heat rate of 2070 Kcal/Kwh Guaranteed by the Supplier		
Conditions on which design turbine cycle heat rate guaranteed			
% MCR	100%	100%	
% Makeup Water Consumption	0	0	
Design Capacity of Make up Water System	3%	3%	
Design Capacity of Inlet Cooling System			
Design Cooling Water Temperature (°C)	31.6	31.6	
Back Pressure	77	77	
Steam flow at super heater outlet under BMCR condition (tons/hr)	2038.046	2038.046	
Steam Pressure at super heater outlet under BMCR condition) (kg/Cm <sup>2</sup> )	277.97(g)	277.97(g)	
Steam Temperature at super heater outlet under BMCR condition (°C)	603	603	
Steam Temperature at Reheater outlet at BMCR condition (°C)	603	603	
*Design / Guaranteed Boiler Efficiency (%) <sup>4</sup>	Unit Heat rate of 2070 Kcal/Kwh Guaranteed by the Supplier		
Design Fuel with and without Blending of domestic/imported coal			
(GCV) Domestic Design coal	3400	3400	
Blended Coal (Domestic Design 70%+ Imported 30%)	4330	4330	
Type of Cooling Tower	IDCT	IDCT	
Type of cooling system <sup>5</sup>	Closed circuit cooling		
Type of Boiler Feed Pump <sup>5</sup>	2x50%-TDBFP 1x30%-MDBFP	2x50%-TDBFP 1x30%-MDBFP	
Fuel Details <sup>7</sup>			
-Primary Fuel	Coal	Coal	
-Secondary Fuel	LDO	LDO	
-Alternate Fuels	N.A.	N.A.	
Types of SOX control system	FGD	FGD	
Types of NOX control system	Low NOx burner	Low NOx burner	
Details of SPM control system			
Special Features/Site Specific Features <sup>8</sup>			
Special Technological Features <sup>9</sup>	First Ultra supercritical unit	First Ultra supercritical unit	
Environmental Regulation related features <sup>10</sup>	1.ESP is provided 2.FGD under implementation 3. ZLD	1.ESP is provided 2.FGD under implementation 3. ZLD	
Any other special features			

1: At Turbine MCR condition.

2: with 0% (Nil) make up and design Cooling water temperature

3: at TMCR output based on gross generation, 0% (Nil) makeup and design Cooling water temperature.

(18)

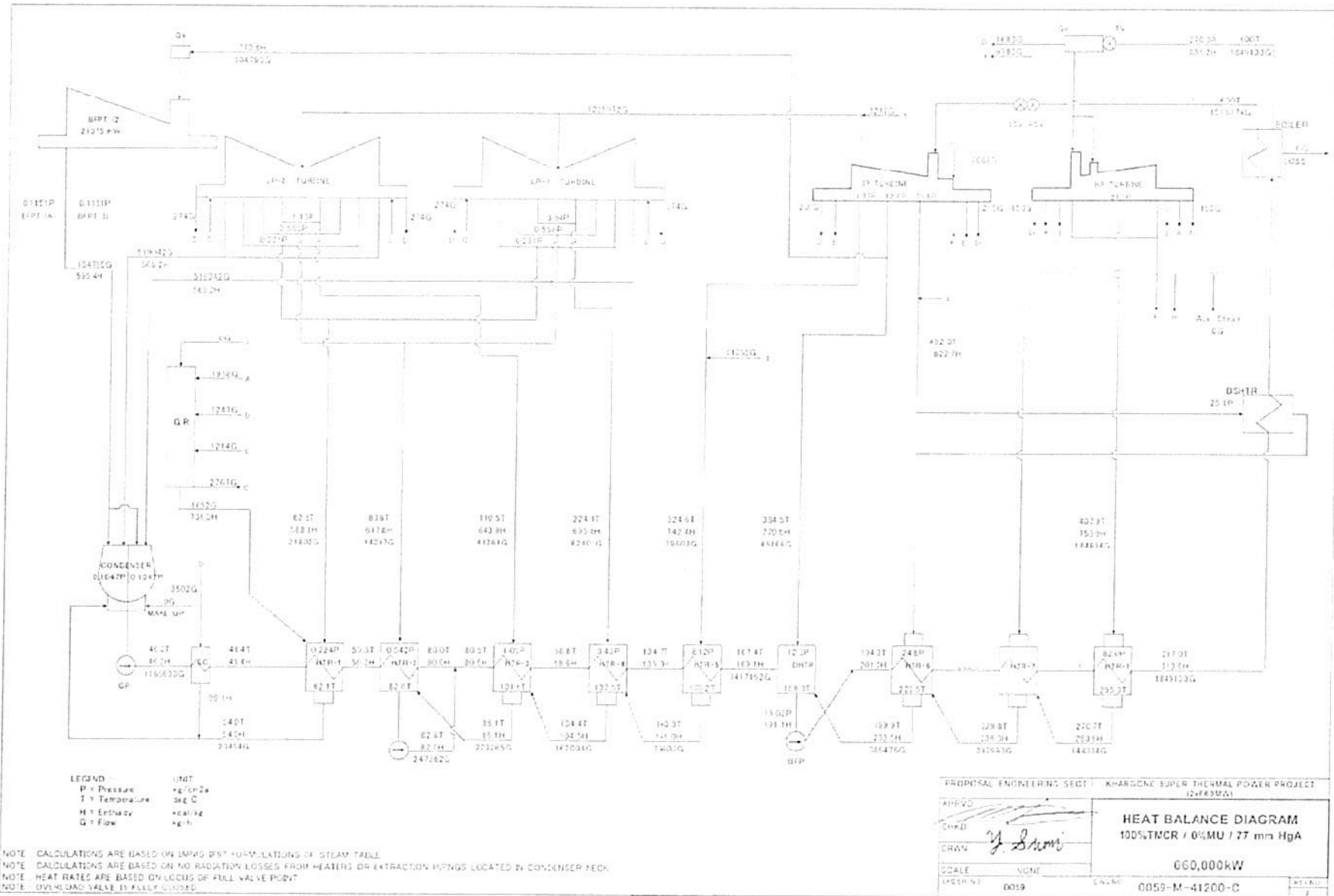
S.P.

**Plant Characteristics**

Name of the Petitioner		NTPC Ltd.	
Name of the Generating Station		Khargone STPP (2x660 MW)	
Unit(s)/Block(s)/Parameters	Unit-I	Unit-II	
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			
9: Any Special Technological feature like Advanced class FA technology in Gas Turbines, etc.			
10: Environmental Regulation related features like FGD, ESP etc.,			
Note 1: In case of deviation from specified conditions in Regulation, correction curve of manufacturer may also be submitted.			
Note 2: Heat Balance Diagram has to be submitted along with above information in case of new stations.			
Note 3: The Terms – MCR, BMCR, HHV, Performance coal, are as defined in CEA Technical Standards for Construction of Electric Plants and Electric Lines Regulations – 2010 notified by the Central Electricity Authority			
Note 4: The copy of Certificate shall be submitted in terms of Regulation 4 as per Appendix-VI			
Heat Balance Diagram is attached in next page			

*SAT*  
Petitioner

19



LEGEND  
 P = Pressure  
 T = Temperature  
 H = Enthalpy  
 G = Flow

UNIT  
 kg/cm<sup>2</sup>a  
 deg C  
 kcal/kg  
 kg/h

NOTE: CALCULATIONS ARE BASED ON IAPWS-IF97 FORMULATIONS OF STEAM TABLE.  
 NOTE: CALCULATIONS ARE BASED ON NO RADIATION LOSSES FROM HEATERS OR EXTRACTION PIPINGS LOCATED IN CONDENSER FEED.  
 NOTE: HEAT RATES ARE BASED ON LOCUS OF FULL VALVE POINT.  
 NOTE: OVERLOAD VALVE IS FULLY CLOSED.

PROPOSAL ENGINEERING SECT		KHARGONE SUPER THERMAL POWER PROJECT (2x630MW)	
APP'D		<b>HEAT BALANCE DIAGRAM</b> 100%TMC/R / 0%MU / 77 mm HgA  <b>660,000kW</b>	
CHK'D			
DRWN			
SCALE	NONE		
DATE	0059	CHG NO	0059-M-41200-C
		REV NO 2	

(20)

**Normative parameters considered for tariff computations**

**PART 1  
FORM-3**

Name of the Petitioner: **NTPC Limited**  
Name of the Generating Station: **Khargone STPS (2x660 MW)**

Particulars	Unit	Existing 2018-19	(Year Ending March)					
			2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2	3	4		5	6	7	8
Base Rate of Return on Equity	%	NA	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
Base Rate of Return on Equity on Add Capitalization	%		15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
Effective Tax Rate *	%		17.4200%	17.4200%	17.4200%	17.4200%	17.4200%	17.4200%
Target Availability	%		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
In High Demand Season	%		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Peak Hours	%		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Off-Peak Hours	%		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
In Low Demand Season(Off-Peak)	%		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Peak Hours	%		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Off-Peak Hours	%		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Auxiliary Energy Consumption	%		6.25%	6.25%	6.25%	6.25%	6.25%	6.25%
Gross Station Heat Rate	kCal/kWh		2,173.50	2,173.50	2,173.50	2,173.50	2,173.50	2,173.50
Specific Fuel Oil Consumption	ml/kWh		0.5	0.5	0.5	0.5	0.5	0.5
Cost of Coal/Lignite for WC:	in Months		1.67	1.67	1.67	1.67	1.67	1.67
Cost of Main Secondary Fuel Oil for WC:	in Months		2	2	2	2	2	2
Fuel Cost for WC:	in Months		NA					
Liquid Fuel Stock for WC:	in Months		NA					
O&M Expenses	Rs lakh / MW		20.26	20.26	20.97	21.71	22.47	23.26
Maintenance Spares for WC	% of O&M		20%	20%	20%	20%	20%	20%
Receivables for WC	in Months		1.5	1.5	1.5	1.5	1.5	1.5
Storage capacity of Primary fuel	MT	561600	561600	561600	561600	561600	561600	
SBI 1 Year MCLR plus 350 basis point:	%	12.05%	12.05%	12.05%	12.05%	12.05%	12.05%	
Blending ratio of domestic coal/imported coal		NA	NA	NA	NA	NA	NA	

Note: 1) For Coal based/lignite based generating stations  
2) For Gas Turbine/Combined Cycle generating stations duly taking into account the mode of operation on gas fuel and liquid fuel.  
3) Mention relevant date. Effective tax rate is to be computed in accordance with Regulation 31 i.e. actual tax (or advance tax)/gross income, where gross income refers the profit before tax.

*SA*  
Petitioner

21

Calculation of O&M Expenses

Name of the Company : NTPC Ltd.  
Name of the Power Station : Khargone STPS (2x660 MW)

S.No.	Particulars	Rs. in Lakh					
		2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2	3		4	5	6	7
1	O&M expenses under Reg.35(1)						
1a	Normative	13371.60	26743.20	27680.40	28657.20	29660.40	30703.20
1b	O&M expenses-Ash Transportation*						
2	O&M expenses under Reg.35(1)						
2a	Water Charges	1100.00	2200.00	2200.00	2200.00	2200.00	2200.00
2b	Secutiry expenses	87.96	175.92	175.92	175.92	175.92	175.92
3	Total O&M Expenses	14559.56	29119.12	30056.32	31033.12	32036.32	33079.12

\* Shall be claimed as & when applicable.

  
Petitioner

22



		PART-I
Financial Package upto COD		
Name of the Company	NTPC Ltd	
Name of the Power Station	KHARGONE	(2x660 MW)
Project Cost as on COD		
Date of Commercial Operation of the Station	(Ant. U#1)	30.09.2019
Debt : Equity Ratio		
		(Amount in Rs. Lakhs)
Particulars	Financial Package as on 30.06.2019	
	Currency and Amount	
1	2	3
		Unit-1 Anticipated COD
Mizuho II A	INR	113202120.00
Mizuho II B	INR	5168240700.00
4.25% Euro Bonds 2026	INR	327353240.00
4.5% Eurobonds 2028	INR	5088943520.00
3.75% Euro Bonds 2024 II	INR	3425443240.00
2.75% Euro Bonds 2027	INR	4173022800.00
7.25% Masala Bonds 2022	INR	999769000.00
7.25% Masala Bonds 2022	INR	1689450000.00
JPY Equ. 350Million A	INR	1907842446.00
JPY Equ. 350Million B	INR	2504649402.00
JPY Equ. 300Million A	INR	2254365280.80
JPY Equ. 300Million B	INR	1909292907.60
Bonds Sr 54	INR	4500000000.00
Bonds Sr 57	INR	3000000000.00
Bonds Sr 59	INR	2700000000.00
Bonds Sr 60	INR	500000000.00
Bonds Sr 61	INR	2000000000.00
Bonds Sr 62	INR	3000000000.00
Bonds Sr 63	INR	3100000000.00
Bonds Sr 64	INR	3200000000.00
Bonds Sr 65	INR	4200000000.00
Bonds Sr 66	INR	2470000000.00
HDFC Bank Limited-III		3000000000.00
HDFC Bank Limited-V		4916800000.00
HDFC Bank Ltd. VI		4800000000.00
ICICI IV		5000000000.00
PNB-IV		5000000000.00
Punjab National Bank III		1350000000.00
State Bank of India - IX		7500000000.00
State Bank of India - VIII		1010000000.00
State Bank of India - X		2900000000.00

(23)

St...

## FORM-8

## Details of Allocation of Corporate Bonds to various projects

Name of the Company **NTPC LIMITED**  
 Name of the Power Station **Khargone (2x660 MW)**  
 Commercial Operation Date (COD)

Particulars	54	57	59	60	61	62	63	64	65	66
Source of Loan - Bonds Series	54	57	59	60	61	62	63	64	65	66
Currency	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR
Amount of Loan sanctioned (In Lakh)	10,30,683.05	50,000.00	65,500.00	1,00,000.00	1,07,250.00	80,000.00	67,000.00	70,000.00	70,000.00	3,92,500.00
Amount of Gross Loan drawn upto COD (In Lakh)	10,30,683.05	50,000.00	65,500.00	1,00,000.00	1,07,250.00	80,000.00	67,000.00	70,000.00	70,000.00	3,92,500.00
Interest Type	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	8.49%	8.19%	8.33%	8.05%	8.10%	7.58%	7.47%	7.49%	6.72%	7.37%
Annual surveillance fees	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%
Total interest rate incl. sur. Fees	8.52%	8.22%	8.36%	8.08%	8.13%	7.61%	7.50%	7.52%	6.75%	7.40%
Base Rate, if Floating Interest	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Margin, if Floating Interest	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Are there any Caps/Floor	No	No	No	No	No	No	No	No	No	No
If above is yes, specify caps/floor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moratorium Period (In Years)	8	10	5	10	5	10	10	15	5	15
Moratorium effective from*	25-03-2015	15-12-2015	24-02-2016	05-05-2016	27-05-2016	23-08-2016	16-09-2016	07-11-2016	24-11-2016	14-12-2016
Repayment Period	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment	Bullet Repayment	Bullet Repayment	Installments Due on 27/05/2021, 27/05/2026 & 27/05/2031	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment effective from	25-03-2023	15-12-2025	24-02-2021	05-05-2026	27-05-2021	23-08-2026	16-09-2026	07-11-2031	24-11-2021	14-12-2031
Repayment Frequency	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment	Bullet Repayment	Bullet Repayment	Installments Due on 27/05/2021, 27/05/2026 & 27/05/2031	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment Instalment (In Lakh)	Installments 1st - 206,136.61 2nd - 412,273.22 3rd - 412,273.22	50,000.00	65,500.00	1,00,000.00	Installments 1st - 35,750.00 2nd - 35,750.00 3rd - 35,750.00	80,000.00	67,000.00	70,000.00	70,000.00	3,92,500.00
Base Exchange Rate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Door to Door Maturity (In Years)	10	10	5	10	15	10	10	15	5	15
<b>Name of the Projects</b>	<b>54</b>	<b>57</b>	<b>59</b>	<b>60</b>	<b>61</b>	<b>62</b>	<b>63</b>	<b>64</b>	<b>65</b>	<b>66</b>
Anantpur Solar	5,600.00			15,100.00	4,500.00					
Auraiya R & M		1,400.00								
Badarpur R & M	2,300.00									
Barh I	74,883.05	8,900.00	2,400.00	14,800.00	8,850.00	6,400.00		9,300.00	18,800.00	46,300.00
Barh II	63,500.00		2,700.00	1,700.00	500.00					2,000.00
Bhadia Solar				11,200.00	5,000.00					
Bongaigaon	54,000.00	500.00	3,900.00	5,200.00	3,000.00	6,100.00		6,800.00	1,100.00	12,700.00
Chatti Bariatu CMB	8,100.00			1,500.00						300.00
Dadri Gas R & M	600.00									
Darlipalli	49,200.00				5,000.00	5,400.00	10,100.00	7,500.00	10,000.00	36,400.00
Dulanga CMB										25,400.00
Farakka III	10,900.00									
Farakka R & M	2,000.00									
Gadarwara	81,000.00	2,000.00	6,300.00	6,500.00	7,500.00	3,200.00	8,600.00	2,500.00	5,300.00	28,100.00

24

S.P.M.

## FORM-8

## Details of Allocation of Corporate Bonds to various projects

Name of the Company  
Name of the Power Station  
Commercial Operation Date (COD)

NTPC LIMITED  
Khargone (2x660 MW)

Gandhar R & M	4,300.00	800.00										
Kahalgaon II Phase I												600.00
Kahalgaon II Phase II	1,800.00											
Kahalgaon R & M	2,000.00	500.00										
Kawas R & M	1,400.00											
Khargone	45,000.00	3,000.00	2,700.00	500.00	2,000.00	3,000.00	3,100.00	3,200.00	4,200.00			24,700.00
Koldam	25,100.00	3,700.00										900.00
Korba III	9,200.00	500.00										900.00
Korba R & M	4,400.00											
Kudgi	1,23,300.00		7,000.00	3,800.00	10,000.00	13,500.00	14,400.00	5,000.00	8,700.00			30,300.00
Lara I	53,300.00	13,700.00	8,300.00	3,100.00	11,000.00	5,300.00	8,400.00	8,600.00	5,100.00			39,500.00
Lata Tapovan	1,600.00											
Mauda I	21,900.00		1,000.00									3,200.00
Mauda II	45,800.00		3,500.00		4,000.00	4,500.00	4,400.00	3,300.00	1,400.00			11,000.00
Mandsaur Solar				3,400.00	5,000.00							
NCTPP II	11,000.00	500.00										
NCTPP R & M	3,700.00											
North Karanpura	12,400.00		3,000.00	7,500.00	5,000.00	5,700.00	11,300.00	1,800.00	6,000.00			32,300.00
Pakri Barwadih CMB	26,600.00	800.00		3,300.00	2,000.00			4,300.00				6,000.00
Ramagundam I & II R & M	2,400.00				500.00							
Rammam	3,100.00		900.00				900.00					2,000.00
Rihand III	28,300.00	800.00	1,700.00									3,200.00
Rihand R & M	2,500.00											
Simhadari II	26,800.00	1,000.00		2,000.00								2,000.00
Simhadari R & M	900.00											
Vindhyachal Hydro (Singrauli Hydro)	1,900.00											
Singrauli R & M	1,600.00											
Vindhyachal Solar (Singrauli Solar)	4,800.00											
Sipat I	20,500.00	1,400.00										1,700.00
Solapur	70,300.00		5,500.00	2,400.00	7,000.00	9,000.00		5,100.00	4,000.00			25,300.00
Talchar II	12,000.00	700.00			1,200.00							500.00
Talcher R & M	1,600.00											
Talcher Thermal R & M	1,000.00	1,000.00										
Tanda II	9,000.00	400.00		8,000.00	4,500.00	4,400.00	3,400.00	2,900.00	3,400.00			21,600.00
Tanda R & M					400.00							
Tapovan Vishnugad	26,400.00		800.00	4,600.00	2,800.00	2,300.00		5,500.00				8,400.00
Telangana					11,700.00							5,800.00
Unchahar IV	17,400.00	4,800.00	5,400.00	1,800.00	5,000.00	2,800.00	3,300.00	3,500.00	2,000.00			14,700.00
Unchahar R & M	3,400.00											
Vindhyachal IV	17,200.00	500.00	900.00									3,100.00
Vindhyachal R & M	1,200.00	900.00		1,000.00								
Vindhyachal V	33,500.00	2,200.00	9,500.00	2,600.00	800.00	7,500.00		700.00				3,600.00
<b>TOTAL</b>	<b>10,30,683.05</b>	<b>50,000.00</b>	<b>65,500.00</b>	<b>1,00,000.00</b>	<b>1,07,250.00</b>	<b>80,000.00</b>	<b>67,000.00</b>	<b>70,000.00</b>	<b>70,000.00</b>	<b>70,000.00</b>	<b>70,000.00</b>	<b>3,92,500.00</b>

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

1. Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.
2. Currency refers to currency of loan such as US\$, DM, Yen, Indian Rupee etc.
3. Details are to be submitted as on 31.03.2004 for existing assets and as on COD for the remaining assets.
4. Where the loan has been refinanced, details in the Form is to be given for the loan refinanced. However, the details of the original loan is to be given separately in the same form.
5. If the Tariff in the petition is claimed separately for various units, details in the Form is to be given separately for all the units in the same form.
6. Interest type means whether the interest is fixed or floating.

25

S. An.

Name of the Company	NTPC LTD										
Name of the Power Station	KHARGONE										
Form-8											
Particulars	1	2	3	4	5	6	7	8	9	10	11
	Mizuho II A	Mizuho II B	4.25% Fixed Rate Notes due 2026	2.75% Fixed Rate Notes due 2027	7.25% Fixed Rate Notes due 2022	JPY Equ. 350Million A	JPY Equ. 350Million B	4.5% Fixed Rate Notes due 2028	JPY Equ. 300Million A	JPY Equ. 300Million B	3.75% Euro Bonds 2024 II
Source of Loan											
Drawal											
Currency	USD	USD	USD	EUR	INR	JPY	JPY	USD	JPY	JPY	USD
Amount of loan sanctioned	50000000	200000000	500000000	500000000	20000000000	22525059128	16889989866	400000000	16284876778	16569093118	450000000
Amount of Gross Loan drawn upto 30.06.2019 / COD	50000000	200000000	500000000	500000000	20000000000	22525059128	16889989866	400000000	16284876778	16569093118	450000000
Interest Type	Floating	Floating	Fixed	Fixed	Fixed	Floating	Floating	Fixed	Floating	Floating	Fixed
Fixed Interest Rate, if applicable	-	-	4.25% *	2.75% *	7.25% *	-	-	4.5% *	-	-	-
Base Rate, if floating interest*	6 Month USD Libor *	6 Month USD Libor *	-	-	-	6 Month JPY Libor *	6 Month JPY Libor *	-	6 Month JPY Libor *	6 Month JPY Libor *	-
Margin, if floating interest rate	1.25%	1.25%	-	-	-	0.95%	0.95%	-	1.02%	1.02%	-
Are there any Caps / Floor	No	No	No	No	No	No	No	No	No	No	No
If above is Yes, specify Caps / Floor	-	-	-	-	-	-	-	-	-	-	-
Moratorium Period	5yrs 6 mths	5yrs 6 mths	10 Years	10 Years	5 Years	9 Years	9 Years	10 Years	9 Years	9 Years	5 Years
Moratorium effective from	24-Oct-2014	16-Mar-2015	26-Feb-2016	01-Feb-2017	03-May-2017	12-Nov-2017	12-Nov-2017	19-Mar-2018	29-Jan-2019	29-Jan-2019	03-Apr-2019
Repayment period	1 year 6 mths	1 year 6 mths	Bullet payment	Bullet payment	Bullet payment	1 year	1 year	Bullet payment	1 year	1 year	payment
Repayment effective from	26-Mar-2020	26-Mar-2020	26-Feb-2026	01-Feb-2027	03-May-2022	12-Nov-2026	12-Nov-2026	19-Mar-2028	29-Jan-2028	29-Jan-2028	03-Apr-2024
Repayment frequency	Four time	Four time	One time	One time	One time	Three Time	Three Time	One time	Three Time	Three Time	One time
Repayment installment	12500000	50000000	500000000	500000000	20000000000	7508353043	5629996622	400000000	5428292259	5523031039	450000000
Base Exchange Rate (30.06.2019)	69.62	69.62	69.62	79.65	N.A	0.6516	0.6516	69.62	0.6516	0.6516	69.6200
Are foreign currency loan hedged	No	No	No	No	No	No	No	No	No	No	No
If above is Yes, specify details	-	-	-	-	-	-	-	-	-	-	-

Name of the Projects	%	%	%	%	%	%	%	%	%	%	%
Koldam											
Sipat-I											
Bongaigaon	0.05998%	0.68459%	1.56260%	1.71056%	2.41638%	1.63718%	2.34143%	2.7624%			0.5829%
Tapovan Vishnugad	0.01536%	0.17536%	1.06810%						1.4274%	1.0312%	0.9214%
Rihand-III											
Barh-II											
Vindhyachal-IV											
Simhadri-II											
Mouda-I			0.32580%								
Barh-I			6.48220%								
Kudgi-I	6.96891%	6.23300%	8.17320%	11.09451%	11.46579%	14.32879%	8.60814%	4.5324%	9.6949%	4.0260%	1.2267%
Lara-I	37.25015%	20.14183%	11.09180%	7.52392%	9.32722%	8.38329%	5.36965%	9.9104%	10.1832%	8.5670%	5.0016%
Mouda-II	0.70023%	7.99244%	8.24130%	4.30904%	0.81770%	1.72495%	1.03288%				
Solapur	21.63045%	6.38098%	6.81870%	4.38528%	5.07281%	1.25513%	5.65901%	4.2482%			2.6790%
Vindhyachal-V	0.07626%	0.87040%									
Gadarwara	1.20463%	13.74963%	15.15780%	10.40794%	11.17203%	8.15384%	5.11704%	9.2422%	9.0417%	9.6097%	3.2842%
Kawas R&M											
Gandhar R&M											
Auraiya R&M											
Korba R&M											
North Karanpura			8.43460%	18.94333%	9.62663%	15.11195%	6.67306%	13.6075%	12.4554%	12.5904%	1.1595%
Darlipalli	0.26859%	3.06568%	18.81400%	12.49117%	13.97452%	17.77245%	8.10898%	9.5743%	5.2689%	9.7945%	3.0053%
Tanda-II	28.25910%	6.96990%	9.72062%	11.30523%	13.38802%	22.21006%	14.1663%	10.5866%			5.2068%
Unchahar-IV	0.31442%	3.58880%	5.29520%	4.58621%	3.57069%	1.00836%	1.27520%			7.2144%	
Khargone	<b>3.25192%</b>	<b>37.11729%</b>	<b>0.94030%</b>	<b>10.47844%</b>	<b>13.44610%</b>	<b>12.99857%</b>	<b>22.75813%</b>	<b>18.2739%</b>	<b>21.2451%</b>	<b>17.6845%</b>	<b>10.9337%</b>
Rammam			0.62450%						0.3879%	0.3622%	
Telangana				4.34898%	4.42079%	4.23747%	10.84641%	13.6824%	19.7089%	29.1201%	13.3662%
Anantpur Solar					0.11749%						
Mandsaur Solar					2.29875%						
Badhla Solar					0.02446%						
Rojmal Wind					0.94341%						
Unallocated											52.6326%
	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%

Notes:-  
a) The Interest rate is exclusive of withholding tax currently @ 5.4075%( Inclusive of surcharge & education cess)\*  
b) The Interest rate is exclusive of withholding tax currently @ 10.00%( Inclusive of surcharge & education cess)\*\*  
c) Base exchange rate are the SBI Bill selling rate as on 30.06.2019  
d) Distribution of loan package to various projects is based on utilisation of loan as on 30.06.2019

26

SPM

Name of the Bank	Drawl Amount	Drawl Date	Interest Details	
			w.e.f.	ROI
HDFC Bank Limited-III	30,00,00,000	21-Apr-16	21-Apr-16	9.30%
			01-Jul-16	9.15%
			07-Jul-16	9.10%
			14-Dec-16	8.90%
			07-Jan-17	8.15%
			07-Feb-17	7.95%
			07-Feb-18	8.00%
			01-Apr-18	8.00%
			01-Jul-18	8.10%
			01-Oct-18	8.30%
			01-Jan-19	8.45%
HDFC Bank Limited-V	89,68,00,000	25-Sep-17	25-Sep-17	7.90%
	75,00,00,000	01-Dec-17	25-Dec-17	7.85%
	40,00,00,000	21-Dec-17	25-Mar-18	8.00%
	77,00,00,000	01-Jan-18	25-Jun-18	8.10%
	75,00,00,000	02-Jul-18	25-Sep-18	8.30%
	1,35,00,00,000	26-Sep-18	25-Dec-18	8.45%
			25-Jun-19	8.40%
HDFC Bank Limited-VI	48,00,00,000	11-Oct-18	11-Oct-18	8.30%
			25-Dec-18	8.45%
			26-Jun-19	8.40%
HDFC Bank Limited-VII	75,00,00,000	21-Jun-19	21-Jun-19	8.4000%
ICICI-IV	15,00,00,000.00	21-Sep-16	21-Sep-16	9.10%
	15,00,00,000.00	29-Sep-16	02-Dec-16	8.80%
	20,00,00,000.00	10-Oct-16	02-Mar-17	7.90%
			02-Dec-17	7.85%
			02-Mar-18	8.00%
			02-Jun-18	8.10%
			02-Sep-18	8.35%
			02-Dec-18	8.60%
PNB-III	1,35,00,00,000.00	28-Feb-18	28-Feb-18	7.80%
			01-May-18	7.95%
			01-Aug-18	8.05%
			01-Nov-18	8.30%
			04-May-19	8.20%
PNB-IV	50,00,00,000.00	01-Jan-19	01-Jan-19	8.60%
			04-Feb-19	8.30%
			04-May-19	8.20%
State Bank of India-VIII	5,00,00,000	30-Oct-15	30-Oct-15	9.30%
	17,00,00,000	01-Jan-16	01-Aug-16	9.10%
	61,00,00,000	12-Jul-16	14-Feb-17	8.30%
	18,00,00,000	25-Jul-16	14-Aug-17	7.90%
			14-Nov-17	7.85%
			14-Aug-18	7.95%
			14-Nov-18	8.20%
			14-Feb-19	8.25%

27

SPL

Name of the Company NTPC LTD  
Name of the Power Station KHARGONE

Name of the Bank	Drawl Amount	Drawl Date	Interest Details	
			w.e.f.	ROI
			14-May-19	8.15%
State Bank of India-IX	75,00,00,000	29-Jun-18	29-Jun-18	7.85%
			14-Aug-18	7.9500%
			14-Nov-18	8.20%
			14-Feb-19	8.25%
			14-May-19	8.15%
State Bank of India-X	30,00,00,000	04-Oct-17	04-Oct-17	7.90%
	1,80,00,00,000	12-Mar-18	25-Dec-17	7.85%
	80,00,00,000	29-May-18	01-Apr-18	7.85%
			25-Jun-18	7.95%
			25-Sep-18	8.15%
			25-Dec-18	8.25%
			25-Jun-19	8.15%
State Bank of India-XI	1,20,00,00,000	16-10-2018	11-Oct-18	8.30%
	2,75,00,00,000	22-11-2018	11-Jan-19	8.35%
	1,00,00,00,000	11-12-2018	11-Apr-19	8.30%
State Bank of India-XII	90,00,00,000	11-02-2019	11-Feb-19	8.35%
	60,00,00,000	26-03-2019	11-May-19	8.25%
	19,90,68,00,000			

28

S. Kumar

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

**TRANCHE NO**

**BP NO 5050000421**

**T00001**

**D00004**

**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 :	1,50,00,00,000	
Date of Drawal:	21.04.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest:	D00004-9.30%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	21.04.2016	
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	25,00,00,000
	SOLAPUR	30,00,00,000
	KHARGONE	30,00,00,000
	BARH-II	57,00,00,000
	SINGRAULI HYDRO	4,00,00,000
	TELANGANA	4,00,00,000
<b>Total Allocated Amount</b>		<b>1,50,00,00,000</b>

29

S. P. ...

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

**TRANCHE NO**

**BP NO 5050000561**

**T00001**

**D00001**

Unsecured Loan From HDFC Bank Ltd. V		
Source of Loan :	HDFC Bank Ltd. V	
Currency :	INR	
Amount of Loan :	25,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of drawl	25.09.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.90%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	25.09.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	25.09.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	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>

30

*Sw...*



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

**TRANCHE NO**

**BP NO 5050000561**

**T00001**

**D00004**

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 :	3,00,00,00,000	
Date of drawl	01.12.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.85%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	01.12.2017	
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
	LARA	1,05,00,00,000
	KHARGONE	75,00,00,000
	MANDSAUR SOLAR PV	30,00,00,000
	BARH-I	90,00,00,000
<b>Total Allocated Amount</b>		<b>3,00,00,00,000</b>

31

*Stu...*

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000561

T00001

D00006

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 :	1,00,00,00,000	
Date of draw	21.12.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.85%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	21.12.2017	
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
	DARLIPALLI	50,00,00,000.00
	KHARGONE	40,00,00,000.00
	TELANGANA	10,00,00,000.00
<b>Total Allocated Amount</b>		<b>1,00,00,00,000</b>

(32)

Saw.

Statement Giving Details of Project Financed through a Combination of loan

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 :		
Base Rate, If Floating Interest	7.85%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	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>

33

Stw...

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

**Form 8**

**TRANCHE NO**

**BP NO 5050000561**

**T00001**

**D0009**

<b>Unsecured Loan From HDFC Bank Ltd. V</b>		
Source of Loan :	HDFC Bank Ltd. V	
Currency :	INR	
Amount of Loan :	25,00,00,00,000	
Total Drawn amount :	2,20,00,00,000	
Date of drawl	02.07.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.10%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	02.07.2018	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	25.09.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	LARA-I	50,00,00,000
	DULANGA COAL MINE	10,00,00,000
	TALAI PALI COAL MINE	10,00,00,000
	NORTH KARANPURA	75,00,00,000
	KHARGONE	75,00,00,000
<b>Total Allocated Amount</b>		<b>2,20,00,00,000</b>

(34)

S. W. S.

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

**Form 8**

**TRANCHE NO**

**BP NO 5050000561**

**T00001**

**D00010**

Unsecured Loan From HDFC Bank Ltd. V		
Source of Loan :	HDFC Bank Ltd. V	
Currency :	INR	
Amount of Loan :	25,00,00,00,000	
Total Drawn amount :	7,30,00,00,000	
Date of drawl	26.09.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	26.09.2018	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	25.09.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	60,00,00,000
	BONGAIGAON	12,00,00,000
	LARA-I	2,35,00,00,000
	SOLAPUR	37,00,00,000
	TAPOVAN VISHNUGARH	25,00,00,000
	TELANGANA	80,00,00,000
	KHARGONE	1,35,00,00,000
	GADARWARA	85,00,00,000
	FARAKKA	61,00,00,000
<b>Total Allocated Amount</b>		<b>7,30,00,00,000</b>

35

Saw...

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	3,00,00,00,00,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00011-9.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	30.10.2015	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	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
	UNCHAHAR-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>

36

Saw...

BP NO 5050000442

TRANCHE NO

T00001

D00014

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	3,00,00,00,00,000	
Date of Drawl	01.01.2016	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00014-9.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	01.01.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	BARH-I	9,00,00,000
	BONGAIGOAN	22,00,00,000
	DARLIPALLI	35,00,00,000
	KUDGI-I	67,00,00,000
	LARA-I	77,00,00,000
	PAKRI BARWADIH	16,00,00,000
	TANDA-II	25,00,00,000
	TAPOVAN VISHNUGARH	12,00,00,000
	UNCHAHAH STPP IV	10,00,00,000
	KHARGONE	17,00,00,000
	VINDHYACHAL-V	10,00,00,000
<b>Total Allocated Amount</b>		<b>3,00,00,00,000.00</b>

37

S. An.

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000442

T00001

D00019

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	1,00,00,00,00,000	
Date of Drawl	12.07.2016	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00019-9.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	12.07.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	BONGAIGAON	17,00,00,000
	LARA	22,00,00,000
	KHARGONE	61,00,00,000
<b>Total Allocated Amount</b>		<b>1,00,00,00,000</b>

38

*S...*



Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000442

T00001

D00020

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	2,00,00,00,00,000	
Date of Drawl	25.07.2016	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00020-9.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	25.07.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	LARA	54,00,00,000
	NORTH KARANPURA	82,00,00,000
	TANDA-II	42,00,00,000
	KHARGONE	18,00,00,000
	SINGRAULI 8MW HYDRO	4,00,00,000
<b>Total Allocated Amount</b>		<b>2,00,00,00,000</b>

(39)

S...

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

Form 8

TRANCHE NO

BP NO 50500000451

T00001

D00003

Unsecured Loan From ICICI-IV		
Source of Loan :	ICICI-IV	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	2,50,00,00,000	
Date of Drawal	21.09.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00003 -9.10%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	21.09.2016	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	16.02.2023	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	LARA	30,00,00,000.00
	GADARWARA	55,00,00,000.00
	UNCHAHAH STPP IV	15,00,00,000.00
	NORTH KARANPURA	30,00,00,000.00
	DARLIPALLI	50,00,00,000.00
	TANDA-II	15,00,00,000.00
	KHARGONE	15,00,00,000.00
	PAKRI BARWADIH	30,00,00,000.00
	CHATTI BARIATU	10,00,00,000.00
<b>Total Allocated Amount</b>		<b>2,50,00,00,000.00</b>

40

S. M.

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

Form 8

TRANCHE NO

BP NO 50500000451

T00001

D00004

Unsecured Loan From ICICI-IV		
Source of Loan :	ICICI-IV	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	2,25,00,00,000	
Date of Drawal	29.09.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00004 -9.10%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	29.09.2016	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	16.02.2023	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	LARA	30,00,00,000.00
	GADARWARA	30,00,00,000.00
	UNCHAHAH STPP IV	5,00,00,000.00
	NORTH KARANPURA	30,00,00,000.00
	DARLIPALLI	30,00,00,000.00
	TANDA-II	30,00,00,000.00
	KHARGONE	15,00,00,000.00
	KUDGI	30,00,00,000.00
	ANANTPUR SOLAR	17,00,00,000.00
	PAKRI BARWADIH	8,00,00,000.00
<b>Total Allocated Amount</b>		<b>2,25,00,00,000.00</b>

(41)

SPW...

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

Form 8

TRANCHE NO

BP NO 50500000451

T00001

D00005

Unsecured Loan From ICICI-IV		
Source of Loan :	ICICI-IV	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	2,00,00,00,000	
Date of Drawal	10.10.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00005-9.10%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	10.10.2016	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	16.02.2023	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	LARA	50,00,00,000.00
	GADARWARA	50,00,00,000.00
	UNCHAHAR STPP IV	15,00,00,000.00
	NORTH KARANPURA	37,00,00,000.00
	BARH-II	8,00,00,000.00
	KHARGONE	20,00,00,000.00
	TAPOVAN VISHNUGAD	20,00,00,000.00
<b>Total Allocated Amount</b>		<b>2,00,00,00,000.00</b>

(42)

*S. Anur...*

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

Form 8

TRANCHE NO

BP NO 5050000531

T00001

D0010

Unsecured Loan From SBI-IX		
Source of Loan :	SBI-IX	
Currency :	INR	
Amount of Loan :	30,00,00,00,000	
Total Drawn amount :	6,85,00,00,000	
Date of Drawal:	29.06.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.85%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	29.06.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	BARH-I	40,00,00,000
	TAPOVAN VISHNUGARH	15,00,00,000
	BONGAIGAON	15,00,00,000
	SOLAPUR	20,00,00,000
	LARA-I	55,00,00,000
	GADARWARA	1,00,00,00,000
	NORTH KARANPURA	60,00,00,000
	DARLIPALLI	45,00,00,000
	TANDA II	60,00,00,000
	RAMMAM	10,00,00,000
	KHARGONE	75,00,00,000
	TELANGANA	75,00,00,000
	TTPS R&M	10,00,00,000
	VINDHYACHAL R&M	10,00,00,000
	FARAKKA R&M	50,00,00,000
	DADRI GAS R&M	45,00,00,000
	<b>Total Allocated Amount</b>	<b>6,85,00,00,000.00</b>

43

S...

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

**Form 8**

**TRANCHE NO**

**BP NO 5050000531**

**T00001**

**D0010**

Unsecured Loan From SBI-IX		
Source of Loan :	SBI-IX	
Currency :	INR	
Amount of Loan :	30,00,00,00,000	
Total Drawn amount :	6,85,00,00,000	
Date of Drawal:	29.06.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.85%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	29.06.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	BARH-I	40,00,00,000
	TAPOVAN VISHNUGARH	15,00,00,000
	BONGAIGAON	15,00,00,000
	SOLAPUR	20,00,00,000
	LARA-I	55,00,00,000
	GADARWARA	1,00,00,00,000
	NORTH KARANPURA	60,00,00,000
	DARLIPALLI	45,00,00,000
	TANDA II	60,00,00,000
	RAMMAM	10,00,00,000
	KHARGONE	75,00,00,000
	TELANGANA	75,00,00,000
	TTPS R&M	10,00,00,000
	VINDHYACHAL R&M	10,00,00,000
	FARAKKA R&M	50,00,00,000
	DADRI GAS R&M	45,00,00,000
<b>Total Allocated Amount</b>		<b>6,85,00,00,000.00</b>

44

S. An...

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

**Form 8**

**TRANCHE NO**

**BP NO 5050000661**

**T00001**

**D00002**

<b>Unsecured Loan From SBI-XI</b>		
Source of Loan :	<b>SBI-XI</b>	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawal:	16.10.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	16.10.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	NORTH KARANPURA	95,00,00,000
	DARLIPALLI	1,00,00,00,000
	KHARGONE	1,20,00,00,000
	TELANGANA	90,00,00,000
	DULANGA COAL MINE	25,00,00,000
	TALAIPALI COAL MINE	70,00,00,000
<b>Total Allocated Amount</b>		<b>5,00,00,00,000.00</b>

45

*S...*

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

**Form 8**

**TRANCHE NO**

**BP NO 5050000661**

**T00001**

**D00004**

<b>Unsecured Loan From SBI-XI</b>		
Source of Loan :	<b>SBI-XI</b>	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	8,00,00,00,000	
Date of Drawal:	22.11.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	22.11.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	BARH-I	40,00,00,000
	TAPOVAN VISHNUGARH	11,00,00,000
	BONGAIGAON	11,00,00,000
	SOLAPUR	20,00,00,000
	LARA-I	50,00,00,000
	GADARWARA	55,00,00,000
	NORTH KARANPURA	36,00,00,000
	DARLIPALLI	40,00,00,000
	TANDA-II	10,00,00,000
	KHARGONE	2,75,00,00,000
	TELANGANA	75,00,00,000
	TALAI PALI COAL MINE	7,00,00,000
	RAMAGUNDAM I & II R&M	36,00,00,000
	VINDHYACHAL R&M	14,00,00,000
	FARAKKA R&M	10,00,00,000
	KAHALGAON R&M	10,00,00,000
	TELANGANA	1,00,00,00,000
<b>Total Allocated Amount</b>		<b>8,00,00,00,000.00</b>

46

*Signature*



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

Form 8

TRANCHE NO

BP NO 5050000661

T00001

D00005

Unsecured Loan From SBI-XI		
Source of Loan :	SBI-XI	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawal:	11.12.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	11.12.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	BARH-I	6,00,00,000
	TAPOVAN VISHNUGARH	7,00,00,000
	SOLAPUR	12,00,00,000
	LARA-I	40,00,00,000
	GADARWARA	75,00,00,000
	NORTH KARANPURA	10,00,00,000
	DARLIPALLI	60,00,00,000
	TANDA-II	30,00,00,000
	KHARGONE	1,00,00,00,000
	TELANGANA	1,20,00,00,000
	SINGRAULI R&M	20,00,00,000
	RAMAGUNDAM R&M	20,00,00,000
<b>Total Allocated Amount</b>		<b>5,00,00,00,000.00</b>

47

*S. M.*

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

**Form 8**

**TRANCHE NO**

**BP NO 5050000741**

**T00001**

**D00001**

Unsecured Loan From SBI-XII		
Source of Loan :	SBI-XII	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	7,50,00,00,000	
Date of Drawal:	11.02.2019	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.35%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	11.02.2019	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2026	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	BARH-I	1,30,00,00,000.00
	TAPOVAN VISHNUGARH	15,00,00,000.00
	BONGAIGAON	65,00,00,000.00
	SOLAPUR	40,00,00,000.00
	GADARWARA	90,00,00,000.00
	DARLIPALLI	60,00,00,000.00
	TANDA-II	50,00,00,000.00
	KHARGONE	90,00,00,000.00
	TELANGANA	70,00,00,000.00
	CHATTI BARIATU	15,00,00,000.00
	DULANGA	20,00,00,000.00
	TALAIPALI	80,00,00,000.00
	NCPS-FGD	25,00,00,000.00
<b>Total Allocated Amount</b>		<b>7,50,00,00,000.00</b>

48

*S...*

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

Form 8

TRANCHE NO

BP NO 5050000741

T00001

D00003

Unsecured Loan From SBI-XII		
Source of Loan :	SBI-XII	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawal:	26.03.2019	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.35%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	26.03.2019	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2026	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
<b>Project Code</b>	<b>Project Name</b>	<b>Amount</b>
	BARH-I	40,00,00,000.00
	UNCHAHAH STPP IV	1,20,00,00,000.00
	LARA	30,00,00,000.00
	NORTH KARANPURA	30,00,00,000.00
	GADARWARA	60,00,00,000.00
	DARLIPALLI	41,00,00,000.00
	TANDA-II	30,00,00,000.00
	KHARGONE	60,00,00,000.00
	TELANGANA	60,00,00,000.00
	CHATTI BARIATU	5,00,00,000.00
	DULANGA	10,00,00,000.00
	TALAIPALI	10,00,00,000.00
	NCPS-FGD	4,00,00,000.00
<b>Total Allocated Amount</b>		<b>5,00,00,00,000.00</b>

49

SWE..

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

**Form 8**

**TRANCHE NO**

**BP NO 5050000571**

**T00001**

**D00002**

<b>Unsecured Loan From Punjab National Bank-III</b>		
Source of Loan :	<b>Punjab National Bank-III</b>	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	3,00,00,00,000	
Date of Drawl	28.02.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.80%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	28.02.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	01.02.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	DARLIPALLI	65,00,00,000.00
	KHARGONE	1,35,00,00,000.00
<b>Total Allocated Amount</b>		<b>2,00,00,00,000.00</b>

50

Saw...

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

**Form 8**

**TRANCHE NO**

**BP NO 5050000711**

**T00001**

**D00001**

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

(51)

S. W.

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

Form 8

TRANCHE NO

BP NO 5050000641

T00001

D00002

Unsecured Loan From HDFC Bank Ltd. VI		
Source of Loan :	HDFC Bank Ltd. VI	
Currency :	INR	
Amount of Loan :	15,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of drawl	11.10.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Intere	8.30%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	11.10.2018	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	26.09.2025	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate	N.A.	
Project Code	Project Name	Amount
	BARH-I	55,00,00,000
	TAPOVAN VISHNUGARH	10,00,00,000
	BONGAIGAON	10,00,00,000
	SOLAPUR	14,00,00,000
	LARA-I	33,00,00,000
	GADARWARA	68,00,00,000
	NORTH KARANPURA	42,00,00,000
	DARLIPALLI	34,00,00,000
	TANDA II	31,00,00,000
	RAMMAM	3,00,00,000
	KHARGONE	48,00,00,000
	TELANGANA	42,00,00,000
	AURAIYA R&M	50,00,00,000
	NCTPP R&M	10,00,00,000
	KAWAS R&M	15,00,00,000
	GANDHAR R&M	35,00,00,000
	<b>Total Allocated Amount</b>	<b>5,00,00,00,000</b>

52

*Stu*

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

Form 8

TRANCHE NO

BP NO 5050000791

T00001

D00002

Unsecured Loan From HDFC Bank Ltd. VII		
Source of Loan :	HDFC Bank Ltd. VII	
Currency :	INR	
Amount of Loan :	25,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of drawl	21.06.2019	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.40%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	21.06.2019	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	11.10.2026	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	1,20,00,00,000
	LARA	15,00,00,000
	GADARWARA	40,00,00,000
	NORTH KARANPURA	30,00,00,000
	DARLIPALLI	30,00,00,000
	TANDA-II	30,00,00,000
	KHARGONE	75,00,00,000
	TELANGANA	30,00,00,000
	MAUDA-II	50,00,00,000
	SOLAPUR	50,00,00,000
	KORBA R&M	10,00,00,000
	FARAKKA R&M	10,00,00,000
	NCPS-FGD	10,00,00,000
<b>Total Allocated Amount</b>		<b>5,00,00,00,000</b>

53

S.P.W...

## Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	Khargone STPP (2x660 MW)
COD (Anticipated)	28.02.2020
For Financial Year	2020-21(from 01.04.2020 to 31.3.2021)

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
	<b>Claimed</b>							
<b>1</b>	<b>Assets</b>							
1	Steam Generator (EPC Package)	5,000.00		5,000.00		24(1)(b)	Under original Scope of Work	
2	Steam Turbine Generator (EPC Package)	5,000.00		5,000.00		24(1)(b)	Under original Scope of Work	
3	Civil works under EPC Package	5,000.00		5,000.00		24(1)(b)	Under original Scope of Work	
4	MGR	5,000.00		5,000.00		24(1)(b)	Under original Scope of Work	
5	Ash disposal area development	2,000.00		2,000.00		24(1)(b)	Under original Scope of Work	
6	Township & Colony	2,000.00		2,000.00		24(1)(b)	Under original Scope of Work	
7	Capital Spares	3,000.00		3,000.00		24(1)(c)	Additional spares proposal	
<b>2</b>	<b>Decapitalisation</b>							
	<b>Total Additional Capitalisation Claimed</b>	<b>27,000.00</b>		<b>27,000.00</b>				

1. In case the project has been completed and cost has already been admitted under any tariff notification(s) in the past, fill column 10 giving the cost as admitted for the purpose of tariff
2. The above information needs to be furnished separately for each year / period of tariff period 2014-19.
3. In case of de-capitalisation of assets separate details to be furnished at column 1, 2, 3 and 4. Further, the original book value and year of capitalisation of such asset to be furnished at column 8. Where de-caps are on estimated basis the same
4. Where any asset is rendered unserviceable the same shall be treated as de-capitalised during that year and original value of such asset to be shown at col. 3. And impaired value if any, year of
5. Justification against each asset of capitalization should be specific to regulations under which claim has been made and the necessity of capitalization of that particular asset.

## Note:

1. Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries.
2. In case initial spares are purchased along with any equipment, then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

*S. W.*  
(Petitioner)

54



## Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	Khargone STPP (2x660 MW)
COD (Anticipated)	28.02.2020
For Financial Year	2021-22(from 01.04.2021 to 31.3.2022)

Sl. No.	Head of Work /Equipment	Accrual basis	ACE Claimed (Actual / Projected)		Regulations under which claimed	Justification	Admitted Cost by the Commission, if any	
			Un-discharged Liability included in col. 3	Cash basis IDC included in col. 3				
1	2	3	4	5= (3-4)	6	7	8	9
	<b>Claimed</b>							
1	<b>Assets</b>							
1	MGR	5,000.00		5,000.00		24(1)(b)	Under original Scope of Work	
2	Capital Spares	4,000.00		4,000.00		24(1)(c)	Additional spares proposal	
2	<b>Decapitalisation</b>							
	<b>Total Additional Capitalisation Claimed</b>	9,000.00		9,000.00				

- In case the project has been completed and cost has already been admitted under any tariff notification(s) in the past, fill column 10 giving the cost as admitted for the purpose of tariff
- The above information needs to be furnished separately for each year / period of tariff period 2014-19.
- In case of de-capitalisation of assets separate details to be furnished at column 1, 2, 3 and 4. Further, the original book value and year of capitalisation of such asset to be furnished at column 8. Where de-caps are on estimated basis the same
- Where any asset is rendered unserviceable the same shall be treated as de-capitalised during that year and original value of such asset to be shown at col. 3. And impaired value if any, year of
- Justification against each asset of capitalization should be specific to regulations under which claim has been made and the necessity of capitalization of that particular asset.

- Note:**
- Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries.
  - In case initial spares are purchased along with any equipment, then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

*S. P. U.*  
(Petitioner)

55

## Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	Khargone STPP (2x660 MW)
COD (Anticipated)	28.02.2020
For Financial Year	2022-23(from 01.04.2022 to 31.3.2023)

Sl. No.	Head of Work /Equipment	Accrual basis	ACE Claimed (Actual / Projected)		Regulations under which claimed	Justification	Admitted Cost by the Commission, if any	
			Un-discharged Liability included in col. 3	Cash basis 5= (3-4)				IDC included in col. 3
1	2	3	4	5= (3-4)	6	7	8	9
	<b>Claimed</b>							
<b>1</b>	<b>Assets</b>							
1	MGR	5,000.00		5,000.00		24(1)(b)	Under original Scope of Work	
2	Capital spares	3,700.00		3,700.00		24(1)(c)	Additional spares proposal	
<b>2</b>	<b>Decapitalisation</b>							
	<b>Total Additional Capitalisation Claimed</b>	<b>8,700.00</b>		<b>8,700.00</b>				

- In case the project has been completed and cost has already been admitted under any tariff notification(s) in the past, fill column 10 giving the cost as admitted for the purpose of tariff
- The above information needs to be furnished separately for each year / period of tariff period 2014-19.
- In case of de-capitalisation of assets separate details to be furnished at column 1, 2, 3 and 4. Further, the original book value and year of capitalisation of such asset to be furnished at column 8. Where de-caps are on estimated basis the same
- Where any asset is rendered unserviceable the same shall be treated as de-capitalised during that year and original value of such asset to be shown at col. 3. And impaired value if any, year of
- Justification against each asset of capitalization should be specific to regulations under which claim has been made and the necessity of capitalization of that particular asset.

- Note:**
- Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries.
  - In case initial spares are purchased along with any equipment, then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

*S. P. W.*  
(Petitioner)

56

**Financing of Additional Capitalisation**

Name of the Petitioner: **NTPC Limited**  
 Name of the Generating Station: **Khargone STPS (2x660 MW)**  
 Date of Commercial Operation : **30.09.2019(Anticipated)**

**PART 1  
FORM- 10**

**(Amount in Rs Lakh)**

Financial Year (Starting from COD):	Actual					Admitted				
	Year 1	Year 2	Year 3	Year 4	Year 5 & So on	Year 1	Year 2	Year 3	Year 4	Year 5 & So on
1		3	4	5	6	7	8	9	10	11
Amount capitalised in Work/ Equipment										
Financing Details	<b>Add cap is proposed to be finance in Debt:Equity ratio of 70:30</b>									
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan2										
Equity Internal Resources										
Others (Pl. specify)										
Total										

Note:

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

*SPU*

57

Calculation of DepreciationName of the Petitioner  
Name of the Generating StationNTPC Ltd.  
Khargone STPS(2x660 MW)

(Amount in Rs Lakh)

Sl.No.	Name of the Assets1	As on COD (30.09.2019)	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount for each year up to COD of Unit#2	As on COD of Unit#2 (28.02.2020)	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount for each year up to 31.03.24
	1	2	3	4= Col.2 X Col.3	5	6	7= Col.5 X Col.6
1	Freehold Land	23,940.69	0.00%	-	23,940.69	0.00%	-
2	Leasehold Land	4,209.31	3.34%	140.59	4,209.31	3.34%	140.59
3	Land - Right of use	1,409.31	4.00%	56.37	1,409.31	4.00%	56.37
4	Roads, bridges, culverts & helipads	2,058.64	3.34%	68.76	2,049.62	3.34%	68.46
5	Main Plant Buildings	8,807.90	3.34%	294.18	14,813.42	3.34%	494.77
6	Other Buildings	22,972.75	3.34%	767.29	31,542.39	3.34%	1,053.52
7	Water supply, drainage & sewerage	20.71	5.28%	1.09	20.62	5.28%	1.09
8	MGR track and signalling system	-	5.28%	-	-	5.28%	-
9	Railway siding	1,03,442.14	5.28%	5,461.75	1,08,025.77	5.28%	5,703.76
10	Plant and machinery	4,80,877.68	5.28%	25,390.34	8,37,969.73	5.28%	44,244.80
11	Furniture and fixtures	730.56	6.33%	46.24	727.36	6.33%	46.04
12	Other Office Equipments	296.15	6.33%	18.75	294.85	6.33%	18.66
13	EDP, WP machines & SATCOM equipment	105.54	15.00%	15.83	105.07	15.00%	15.76
14	Construction equipment	755.00	5.28%	39.86	2,766.39	5.28%	146.07
15	Electrical installations	610.11	5.28%	32.21	607.44	5.28%	32.07
16	Communication Equipment	83.29	6.33%	5.27	82.92	6.33%	5.25
17	Hospital equipment	51.21	5.28%	2.70	50.99	5.28%	2.69
18	Laboratory and workshop equipment	76.81	5.28%	4.06	76.47	5.28%	4.04
19	Software	6.95	15.00%	1.04	6.92	15.00%	1.04
	<b>TOTAL</b>	<b>6,50,454.75</b>		<b>32,346.35</b>	<b>10,28,699.28</b>		<b>52,034.98</b>
	<b>Weighted Average Rate of Depreciation (%)</b>			<b>4.9729%</b>			<b>5.0583%</b>

  
(Petitioner)

58

**Statement of Depreciation**

Name of the Petitioner : NTPC Limited  
 Name of the Generating Station: Khargone STPS (2x660 MW)

**Part-I  
Form-12**

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2018-19	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2	3	4		5	6	7	8
1	Opening Capital Cost		6,06,104.41	9,92,529.17	10,19,529.17	10,28,529.17	10,37,229.17	10,37,229.17
2	Closing Capital Cost		6,06,104.41	10,19,529.17	10,28,529.17	10,37,229.17	10,37,229.17	10,37,229.17
3	Average Capital Cost		6,06,104.41	10,06,029.17	10,24,029.17	10,32,879.17	10,37,229.17	10,37,229.17
4	Freehold land		10,138.36	10,138.36	10,138.36	10,138.36	10,138.36	10,138.36
4(a)	IT Equipments & Software		6.95	6.95	6.95	6.95	6.95	6.95
5	Rate of depreciation		4.9729%	5.0583%	5.0583%	5.0583%	5.0583%	5.0583%
6	Depreciable value		5,36,370.14	8,96,302.42	9,12,502.42	9,20,467.42	9,24,382.42	9,24,382.42
7.	Balance useful life at the beginning of the period		25	24.60	24.52	23.52	22.52	21.52
8	Remaining depreciable value		5,36,370.14	8,83,867.26	9,00,067.26	8,68,668.67	8,72,136.01	8,71,915.97
9	Depreciation (for the period)		12,435.16	4,588.28	51,798.75	52,246.41	52,466.45	52,466.45
10	Depreciation (annualised)		30,140.86	50,888.25	51,798.75	52,246.41	52,466.45	52,466.45
11.	Cumulative depreciation at the end of the period		12,435.16	17,023.45	68,822.20	1,21,068.61	1,73,535.06	2,26,001.50
12.	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009		-		-	-	-	-
13.	Less: Cumulative depreciation adjustment on account of de-capitalisation		-		-	-	-	-
14.	Net Cumulative depreciation at the end of the period		12,435.16	17,023.45	68,822.20	1,21,068.61	1,73,535.06	2,26,001.50

The rate of depreciation on/after anticipated COD of U#1 and COD of U#2 on provisional basis. However, the same shall be revised while filing the amended petition on actual COD of U#1.

59

(Petitioner)

Calculation of Interest on Actual Loans							
Name of the Company		(Rs Lakhs)					
Name of the Power Station		NTPC LTD.					
		Khargone					
Sl. no.	Particulars	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
2							
<b>1</b>	<b>Mizuho II A- Repayment From 26.03.2020</b>						
	Gross loan - Opening	1131.99	1131.99	1131.99	1131.99	1131.99	1131.99
	Cumulative repayments of Loans upto previous period	0.00	0.00	283.00	849.00	1131.99	1131.99
	Net loan - Opening	1131.99	1131.99	849.00	283.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	1131.99	1131.99	849.00	283.00	0.00	0.00
	Repayments of Loans during the period	0.00	283.00	566.00	283.00	0.00	0.00
	Net loan - Closing	1131.99	849.00	283.00	0.00	0.00	0.00
	Average Net Loan	1131.99	990.49	566.00	141.50	0.00	0.00
	Rate of Interest on Loan	3.6216%	3.6216%	3.6216%	3.6216%	3.6216%	3.6216%
	Interest on Loan Annualised	41.00	35.87	20.50	5.12	0.00	0.00
<b>2</b>	<b>Mizuho II B- Repayment From 26.03.2020</b>						
	Gross loan - Opening	51682.11	51682.11	51682.11	51682.11	51682.11	51682.11
	Cumulative repayments of Loans upto previous period	0.00	0.00	12920.53	38761.59	51682.11	51682.11
	Net loan - Opening	51682.11	51682.11	38761.59	12920.53	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	51682.11	51682.11	38761.59	12920.53	0.00	0.00
	Repayments of Loans during the period	0.00	12920.53	25841.06	12920.53	0.00	0.00
	Net loan - Closing	51682.11	38761.59	12920.53	0.00	0.00	0.00
	Average Net Loan	51682.11	45221.85	25841.06	6460.26	0.00	0.00
	Rate of Interest on Loan	4.4127%	4.4127%	4.4127%	4.4127%	4.4127%	4.4127%
	Interest on Loan Annualised	2280.57	1995.50	1140.28	285.07	0.00	0.00
<b>3</b>	<b>4.25% Fixed Rate Notes due 2026- Bullet payment 26.02.2026</b>						
	Gross loan - Opening	3273.18	3273.18	3273.18	3273.18	3273.18	3273.18
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3273.18	3273.18	3273.18	3273.18	3273.18	3273.18
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3273.18	3273.18	3273.18	3273.18	3273.18	3273.18
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3273.18	3273.18	3273.18	3273.18	3273.18	3273.18
	Average Net Loan	3273.18	3273.18	3273.18	3273.18	3273.18	3273.18
	Rate of Interest on Loan	4.4955%	4.4955%	4.4955%	4.4955%	4.4955%	4.4955%
	Interest on Loan Annualised	147.14	147.14	147.14	147.14	147.14	147.14
<b>4</b>	<b>2.75% Fixed Rate Notes due 2027- Bullet payment 01.02.2027</b>						
	Gross loan - Opening	41730.37	41730.37	41730.37	41730.37	41730.37	41730.37
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	41730.37	41730.37	41730.37	41730.37	41730.37	41730.37
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	41730.37	41730.37	41730.37	41730.37	41730.37	41730.37
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	41730.37	41730.37	41730.37	41730.37	41730.37	41730.37
	Average Net Loan	41730.37	41730.37	41730.37	41730.37	41730.37	41730.37
	Rate of Interest on Loan	2.9088%	2.9088%	2.9088%	2.9088%	2.9088%	2.9088%
	Interest on Loan Annualised	1213.86	1213.86	1213.86	1213.86	1213.86	1213.86
<b>5</b>	<b>7.25% Fixed Rate Notes due 2022- Bullet payment 03.05.2022</b>						
	Gross loan - Opening	26892.20	26892.20	26892.20	26892.20	26892.20	26892.20
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	26892.20
	Net loan - Opening	26892.20	26892.20	26892.20	26892.20	26892.20	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	26892.20	26892.20	26892.20	26892.20	26892.20	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	26892.20	0.00
	Net loan - Closing	26892.20	26892.20	26892.20	26892.20	0.00	0.00
	Average Net Loan	26892.20	26892.20	26892.20	26892.20	13446.10	0.00
	Rate of Interest on Loan	7.2500%	7.2500%	7.2500%	7.2500%	7.2500%	7.2500%
	Interest on Loan Annualised	1949.68	1949.68	1949.68	1949.68	974.84	0.00
<b>6</b>	<b>JPY Equ. 350Million A- Repayment From 12.11.2026</b>						
	Gross loan - Opening	19078.42	19078.42	19078.42	19078.42	19078.42	19078.42
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	19078.42	19078.42	19078.42	19078.42	19078.42	19078.42
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	19078.42	19078.42	19078.42	19078.42	19078.42	19078.42
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	19078.42	19078.42	19078.42	19078.42	19078.42	19078.42
	Average Net Loan	19078.42	19078.42	19078.42	19078.42	19078.42	19078.42
	Rate of Interest on Loan	1.03%	1.0288%	1.0288%	1.0288%	1.0288%	1.0288%
	Interest on Loan Annualised	196.28	196.28	196.28	196.28	196.28	196.28
<b>7</b>	<b>JPY Equ. 350Million B- Repayment From 12.11.2026</b>						
	Gross loan - Opening	25046.50	25046.50	25046.50	25046.50	25046.50	25046.50

(60)

S.T.

Calculation of Interest on Actual Loans							
		(Rs Lakhs)					
Name of the Company		NTPC LTD.					
Name of the Power Station		Khargone					
Sl. no.	Particulars	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
	<b>2</b>						
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	25046.50	25046.50	25046.50	25046.50	25046.50	25046.50
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	25046.50	25046.50	25046.50	25046.50	25046.50	25046.50
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	25046.50	25046.50	25046.50	25046.50	25046.50	25046.50
	Average Net Loan	25046.50	25046.50	25046.50	25046.50	25046.50	25046.50
	Rate of Interest on Loan	1.03%	1.0263%	1.0263%	1.0263%	1.0263%	1.0263%
	Interest on Loan Annualised	257.06	257.06	257.06	257.06	257.06	257.06
<b>8</b>	<b>4.5% Fixed Rate Notes due 2028- Bullet payment 19.03.2028</b>						
	Gross loan - Opening	50889.27	50889.27	50889.27	50889.27	50889.27	50889.27
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	50889.27	50889.27	50889.27	50889.27	50889.27	50889.27
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	50889.27	50889.27	50889.27	50889.27	50889.27	50889.27
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	50889.27	50889.27	50889.27	50889.27	50889.27	50889.27
	Average Net Loan	50889.27	50889.27	50889.27	50889.27	50889.27	50889.27
	Rate of Interest on Loan	4.7599%	4.7599%	4.7599%	4.7599%	4.7599%	4.7599%
	Interest on Loan Annualised	2422.27	2422.27	2422.27	2422.27	2422.27	2422.27
<b>9</b>	<b>JPY Equ. 300Million A- Repayment From 29.01.2028</b>						
	Gross loan - Opening	22543.66	22543.66	22543.66	22543.66	22543.66	22543.66
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	22543.66	22543.66	22543.66	22543.66	22543.66	22543.66
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	22543.66	22543.66	22543.66	22543.66	22543.66	22543.66
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	22543.66	22543.66	22543.66	22543.66	22543.66	22543.66
	Average Net Loan	22543.66	22543.66	22543.66	22543.66	22543.66	22543.66
	Rate of Interest on Loan	1.09%	1.0939%	1.0939%	1.0939%	1.0939%	1.0939%
	Interest on Loan Annualised	246.60	246.60	246.60	246.60	246.60	246.60
<b>10</b>	<b>JPY Equ. 300Million B- Repayment From 29.01.2028</b>						
	Gross loan - Opening	19092.93	19092.93	19092.93	19092.93	19092.93	19092.93
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	19092.93	19092.93	19092.93	19092.93	19092.93	19092.93
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	19092.93	19092.93	19092.93	19092.93	19092.93	19092.93
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	19092.93	19092.93	19092.93	19092.93	19092.93	19092.93
	Average Net Loan	19092.93	19092.93	19092.93	19092.93	19092.93	19092.93
	Rate of Interest on Loan	1.09%	1.0939%	1.0939%	1.0939%	1.0939%	1.0939%
	Interest on Loan Annualised	208.86	208.86	208.86	208.86	208.86	208.86
<b>11</b>	<b>3.75% Euro Bonds 2024 II- Bullet payment 03.04.2024</b>						
	Gross loan - Opening	34254.20	34254.20	34254.20	34254.20	34254.20	34254.20
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	34254.20	34254.20	34254.20	34254.20	34254.20	34254.20
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	34254.20	34254.20	34254.20	34254.20	34254.20	34254.20
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	34254.20	34254.20	34254.20	34254.20	34254.20	34254.20
	Average Net Loan	34254.20	34254.20	34254.20	34254.20	34254.20	34254.20
	Rate of Interest on Loan	3.9666%	3.9666%	3.9666%	3.9666%	3.9666%	3.9666%
	Interest on Loan Annualised	1358.72	1358.72	1358.72	1358.72	1358.72	1358.72
<b>12</b>	<b>HDFC Bank Limited-III- Repayment from 04.12.2021 -9Y</b>						
	Gross loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	333.33	666.67	1000.00
	Net loan - Opening	3000.00	3000.00	3000.00	2666.67	2333.33	2000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3000.00	3000.00	3000.00	2666.67	2333.33	2000.00
	Repayments of Loans during the period	0.00	0.00	333.33	333.33	333.33	333.33
	Net loan - Closing	3000.00	3000.00	2666.67	2333.33	2000.00	1666.67
	Average Net Loan	3000.00	3000.00	2833.33	2500.00	2166.67	1833.33
	Rate of Interest on Loan	8.45%	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	253.50	253.50	239.42	211.25	183.08	154.92
<b>13</b>	<b>HDFC Bank Limited-V- Repayment from 25.09.2024 - 9Y</b>						

(61)

S

Calculation of Interest on Actual Loans							
Name of the Company		(Rs Lakhs)					
Name of the Power Station		NTPC LTD.					
		Khargone					
Sl. no.	Particulars	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
	2						
	Gross loan - Opening	49168.00	49168.00	49168.00	49168.00	49168.00	49168.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	49168.00	49168.00	49168.00	49168.00	49168.00	49168.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	49168.00	49168.00	49168.00	49168.00	49168.00	49168.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	5463.11
	Net loan - Closing	49168.00	49168.00	49168.00	49168.00	49168.00	43704.89
	Average Net Loan	49168.00	49168.00	49168.00	49168.00	49168.00	46436.44
	Rate of Interest on Loan	8.40%	8.40%	8.40%	8.40%	8.40%	8.40%
	Interest on Loan Annualised	4130.11	4130.11	4130.11	4130.11	4130.11	3900.66
14	<b>HDFC Bank Limited-VI- Repayment from 26.09.2025 -9Y</b>						
	Gross loan - Opening	4800.00	4800.00	4800.00	4800.00	4800.00	4800.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	4800.00	4800.00	4800.00	4800.00	4800.00	4800.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	4800.00	4800.00	4800.00	4800.00	4800.00	4800.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	4800.00	4800.00	4800.00	4800.00	4800.00	4800.00
	Average Net Loan	4800.00	4800.00	4800.00	4800.00	4800.00	4800.00
	Rate of Interest on Loan	8.40%	8.4000%	8.4000%	8.4000%	8.4000%	8.4000%
	Interest on Loan Annualised	403.20	403.20	403.20	403.20	403.20	403.20
15	<b>HDFC Bank Limited-VII- Repayment from 11.10.2026 -9Y</b>						
	Gross loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.40%	8.4000%	8.4000%	8.4000%	8.4000%	8.4000%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
16	<b>ICICI-IV-Repayment from 16.02.2023- 9Y</b>						
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
17	<b>PNB-III- Repayment from 01.02.2022 -9Y</b>						
	Gross loan - Opening	13500.00	13500.00	13500.00	13500.00	13500.00	13500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	1500.00	3000.00
	Net loan - Opening	13500.00	13500.00	13500.00	13500.00	12000.00	10500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	13500.00	13500.00	13500.00	13500.00	12000.00	10500.00
	Repayments of Loans during the period	0.00	0.00	0.00	1500.00	1500.00	1500.00
	Net loan - Closing	13500.00	13500.00	13500.00	12000.00	10500.00	9000.00
	Average Net Loan	13500.00	13500.00	13500.00	12750.00	11250.00	9750.00
	Rate of Interest on Loan	8.20%	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
	Interest on Loan Annualised	1107.00	1107.00	1107.00	1045.50	922.50	799.50
18	<b>PNB-IV- Repayment from 01.02.2022 -9Y</b>						
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	555.56	1111.11
	Net loan - Opening	5000.00	5000.00	5000.00	5000.00	4444.44	3888.89
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	5000.00	5000.00	5000.00	5000.00	4444.44	3888.89
	Repayments of Loans during the period	0.00	0.00	0.00	555.56	555.56	555.56
	Net loan - Closing	5000.00	5000.00	5000.00	4444.44	3888.89	3333.33
	Average Net Loan	5000.00	5000.00	5000.00	4722.22	4166.67	3611.11
	Rate of Interest on Loan	8.20%	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%
	Interest on Loan Annualised	410.00	410.00	410.00	387.22	341.67	296.11
19	<b>State Bank of India-VIII- Repayment from 31.01.2022- 9Y</b>						
	Gross loan - Opening	10100.00	10100.00	10100.00	10100.00	10100.00	10100.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	1122.22	2244.44

(62)

Sum



<b>Calculation of Interest on Actual Loans</b>							
		<b>(Rs Lakhs)</b>					
<b>Name of the Company</b>		<b>NTPC LTD.</b>					
<b>Name of the Power Station</b>		<b>Khargone</b>					
<b>Sl. no.</b>	<b>Particulars</b>	<b>2019-20 (30.09.2019 to 27.02.2020)</b>	<b>2019-20 (28.02.2020 to 31.03.2020)</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>
	<b>2</b>						
	Net loan - Opening	10100.00	10100.00	10100.00	10100.00	8977.78	7855.56
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>10100.00</b>	<b>10100.00</b>	<b>10100.00</b>	<b>10100.00</b>	<b>8977.78</b>	<b>7855.56</b>
	Repayments of Loans during the period	0.00	0.00	0.00	1122.22	1122.22	1122.22
	Net loan - Closing	10100.00	10100.00	10100.00	8977.78	7855.56	6733.33
	Average Net Loan	10100.00	10100.00	10100.00	9538.89	8416.67	7294.44
	Rate of Interest on Loan	8.15%	8.15%	8.15%	8.15%	8.15%	8.15%
	Interest on Loan Annualised	823.15	823.15	823.15	777.42	685.96	594.50
<b>20</b>	<b>State Bank of India-IX- Repayment from 31.03.2021-9y</b>						
	Gross loan - Opening	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	833.33	1666.67	2500.00
	Net loan - Opening	7500.00	7500.00	7500.00	6666.67	5833.33	5000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>7500.00</b>	<b>7500.00</b>	<b>7500.00</b>	<b>6666.67</b>	<b>5833.33</b>	<b>5000.00</b>
	Repayments of Loans during the period	0.00	0.00	833.33	833.33	833.33	833.33
	Net loan - Closing	7500.00	7500.00	6666.67	5833.33	5000.00	4166.67
	Average Net Loan	7500.00	7500.00	7083.33	6250.00	5416.67	4583.33
	Rate of Interest on Loan	8.15%	8.1500%	8.1500%	8.1500%	8.1500%	8.1500%
	Interest on Loan Annualised	611.25	611.25	577.29	509.38	441.46	373.54
<b>21</b>	<b>State Bank of India-X- Repayment from 01.10.2024-9y</b>						
	Gross loan - Opening	29000.00	29000.00	29000.00	29000.00	29000.00	29000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	29000.00	29000.00	29000.00	29000.00	29000.00	29000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>29000.00</b>	<b>29000.00</b>	<b>29000.00</b>	<b>29000.00</b>	<b>29000.00</b>	<b>29000.00</b>
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	29000.00	29000.00	29000.00	29000.00	29000.00	29000.00
	Average Net Loan	29000.00	29000.00	29000.00	29000.00	29000.00	29000.00
	Rate of Interest on Loan	8.15%	8.15%	8.15%	8.15%	8.15%	8.15%
	Interest on Loan Annualised	2363.50	2363.50	2363.50	2363.50	2363.50	2363.50
<b>22</b>	<b>State Bank of India-XI- Repayment from 01.10.2022-9y</b>						
	Gross loan - Opening	49500.00	49500.00	49500.00	49500.00	49500.00	49500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	5500.00
	Net loan - Opening	49500.00	49500.00	49500.00	49500.00	49500.00	44000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>49500.00</b>	<b>49500.00</b>	<b>49500.00</b>	<b>49500.00</b>	<b>49500.00</b>	<b>44000.00</b>
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	5500.00	5500.00
	Net loan - Closing	49500.00	49500.00	49500.00	49500.00	44000.00	38500.00
	Average Net Loan	49500.00	49500.00	49500.00	49500.00	46750.00	41250.00
	Rate of Interest on Loan	8.30%	8.30%	8.30%	8.30%	8.30%	8.30%
	Interest on Loan Annualised	4108.50	4108.50	4108.50	4108.50	3880.25	3423.75
<b>23</b>	<b>State Bank of India-XII- Repayment from 31.03.2026-9y</b>						
	Gross loan - Opening	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>15000.00</b>	<b>15000.00</b>	<b>15000.00</b>	<b>15000.00</b>	<b>15000.00</b>	<b>15000.00</b>
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Average Net Loan	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Rate of Interest on Loan	8.25%	8.25%	8.25%	8.25%	8.25%	8.25%
	Interest on Loan Annualised	1237.50	1237.50	1237.50	1237.50	1237.50	1237.50
<b>24</b>	<b>Bond - 54 Repayment from 25.03.2023 - 3Y</b>						
	Gross loan - Opening	45000.00	45000.00	45000.00	45000.00	45000.00	45000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	15000.00
	Net loan - Opening	45000.00	45000.00	45000.00	45000.00	45000.00	30000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>45000.00</b>	<b>45000.00</b>	<b>45000.00</b>	<b>45000.00</b>	<b>45000.00</b>	<b>30000.00</b>
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	15000.00	15000.00
	Net loan - Closing	45000.00	45000.00	45000.00	45000.00	30000.00	15000.00
	Average Net Loan	45000.00	45000.00	45000.00	45000.00	37500.00	22500.00
	Rate of Interest on Loan	8.520%	8.5200%	8.5200%	8.5200%	8.5200%	8.5200%
	Interest on Loan Annualised	3834.00	3834.00	3834.00	3834.00	3195.00	1917.00
<b>25</b>	<b>Bond - 57 Repayment from 15.12.2025 - Bullet</b>						
	Gross loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00

(63)

8

Calculation of Interest on Actual Loans							
		(Rs Lakhs)					
Name of the Company		NTPC LTD.					
Name of the Power Station		Khargone					
Sl. no.	Particulars	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
2							
	Total	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Average Net Loan	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Rate of Interest on Loan	8.22%	8.2200%	8.2200%	8.2200%	8.2200%	8.2200%
	Interest on Loan Annualised	246.60	246.60	246.60	246.60	246.60	246.60
<b>26</b>	<b>Bond - 59 Repayment from 24.02.2021 - Bullet</b>						
	Gross loan - Opening	2700.00	2700.00	2700.00	2700.00	2700.00	2700.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	2700.00	2700.00	2700.00
	Net loan - Opening	2700.00	2700.00	2700.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	2700.00	2700.00	2700.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	2700.00	0.00	0.00	0.00
	Net loan - Closing	2700.00	2700.00	0.00	0.00	0.00	0.00
	Average Net Loan	2700.00	2700.00	1350.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.36%	8.3600%	8.3600%	8.3600%	8.3600%	8.3600%
	Interest on Loan Annualised	225.72	225.72	112.86	0.00	0.00	0.00
<b>27</b>	<b>Bond - 60 Repayment from 05.05.2026 Bullet</b>						
	Gross loan - Opening	500.00	500.00	500.00	500.00	500.00	500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	500.00	500.00	500.00	500.00	500.00	500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	500.00	500.00	500.00	500.00	500.00	500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	500.00	500.00	500.00	500.00	500.00	500.00
	Average Net Loan	500.00	500.00	500.00	500.00	500.00	500.00
	Rate of Interest on Loan	8.08%	8.0800%	8.0800%	8.0800%	8.0800%	8.0800%
	Interest on Loan Annualised	40.40	40.40	40.40	40.40	40.40	40.40
<b>28</b>	<b>Bond - 61 Repayment from 27.05.2021 3 5 Yearly Inst</b>						
	Gross loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	666.67	666.67
	Net loan - Opening	2000.00	2000.00	2000.00	2000.00	1333.33	1333.33
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	2000.00	2000.00	2000.00	2000.00	1333.33	1333.33
	Repayments of Loans during the period	0.00	0.00	0.00	666.67	0.00	0.00
	Net loan - Closing	2000.00	2000.00	2000.00	1333.33	1333.33	1333.33
	Average Net Loan	2000.00	2000.00	2000.00	1666.67	1333.33	1333.33
	Rate of Interest on Loan	8.13%	8.1300%	8.1300%	8.1300%	8.1300%	8.1300%
	Interest on Loan Annualised	162.60	162.60	162.60	135.50	108.40	108.40
<b>29</b>	<b>Bond - 62 Repayment from 23.08.2026 Bullet</b>						
	Gross loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Average Net Loan	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Rate of Interest on Loan	7.61%	7.6100%	7.6100%	7.6100%	7.6100%	7.6100%
	Interest on Loan Annualised	228.30	228.30	228.30	228.30	228.30	228.30
<b>30</b>	<b>Bond - 63 Repayment from 16.09.2026 Bullet</b>						
	Gross loan - Opening	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00
	Average Net Loan	3100.00	3100.00	3100.00	3100.00	3100.00	3100.00
	Rate of Interest on Loan	7.50%	7.5000%	7.5000%	7.5000%	7.5000%	7.5000%
	Interest on Loan Annualised	232.50	232.50	232.50	232.50	232.50	232.50
<b>31</b>	<b>Bond - 64 Repayment from 07.11.2031 Bullet</b>						
	Gross loan - Opening	3200.00	3200.00	3200.00	3200.00	3200.00	3200.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3200.00	3200.00	3200.00	3200.00	3200.00	3200.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3200.00	3200.00	3200.00	3200.00	3200.00	3200.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3200.00	3200.00	3200.00	3200.00	3200.00	3200.00
	Average Net Loan	3200.00	3200.00	3200.00	3200.00	3200.00	3200.00
	Rate of Interest on Loan	7.52%	7.5200%	7.5200%	7.5200%	7.5200%	7.5200%
	Interest on Loan Annualised	240.64	240.64	240.64	240.64	240.64	240.64

(64)

2

<b>Calculation of Interest on Actual Loans</b>							
		<b>(Rs Lakhs)</b>					
<b>Name of the Company</b>		<b>NTPC LTD.</b>					
<b>Name of the Power Station</b>		<b>Khargone</b>					
<b>Sl. no.</b>	<b>Particulars</b>	<b>2019-20 (30.09.2019 to 27.02.2020)</b>	<b>2019-20 (28.02.2020 to 31.03.2020)</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>
<b>2</b>							
<b>32</b>	<b>Bond - 65 Repayment from 24.11.2021 Bullet</b>						
	Gross loan - Opening	4200.00	4200.00	4200.00	4200.00	4200.00	4200.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	4200.00	4200.00
	Net loan - Opening	4200.00	4200.00	4200.00	4200.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>4200.00</b>	<b>4200.00</b>	<b>4200.00</b>	<b>4200.00</b>	<b>0.00</b>	<b>0.00</b>
	Repayments of Loans during the period	0.00	0.00	0.00	4200.00	0.00	0.00
	Net loan - Closing	4200.00	4200.00	4200.00	0.00	0.00	0.00
	Average Net Loan	4200.00	4200.00	4200.00	2100.00	0.00	0.00
	Rate of Interest on Loan	6.75%	6.7500%	6.7500%	6.7500%	6.7500%	6.7500%
	Interest on Loan Annualised	283.50	283.50	283.50	141.75	0.00	0.00
<b>33</b>	<b>Bond - 66 Repayment from 14.12.2031 Bullet</b>						
	Gross loan - Opening	24700.00	24700.00	24700.00	24700.00	24700.00	24700.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	24700.00	24700.00	24700.00	24700.00	24700.00	24700.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>24700.00</b>	<b>24700.00</b>	<b>24700.00</b>	<b>24700.00</b>	<b>24700.00</b>	<b>24700.00</b>
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	24700.00	24700.00	24700.00	24700.00	24700.00	24700.00
	Average Net Loan	24700.00	24700.00	24700.00	24700.00	24700.00	24700.00
	Rate of Interest on Loan	7.40%	7.4000%	7.4000%	7.4000%	7.4000%	7.4000%
	Interest on Loan Annualised	1827.80	1827.80	1827.80	1827.80	1827.80	1827.80
	<b>TOTAL LOAN</b>						
	Gross loan - Opening	578582.84	578582.84	578582.84	578582.84	578582.84	578582.84
	Cumulative repayments of Loans upto previous period*	5000.00	5000.00	18203.53	48477.25	70891.89	122628.53
	Net loan - Opening	573582.84	573582.84	560379.31	530105.59	507690.95	455954.31
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>573582.84</b>	<b>573582.84</b>	<b>560379.31</b>	<b>530105.59</b>	<b>507690.95</b>	<b>455954.31</b>
	Repayments of Loans during the period	0.00	13203.53	30273.72	22414.64	51736.64	30307.56
	Net loan - Closing	573582.84	560379.31	530105.59	507690.95	455954.31	425646.76
	Average Net Loan	573582.84	566981.08	545242.45	518898.27	481822.63	440800.54
	Rate of Interest on Loan	5.7693%	5.7853%	5.8268%	5.8570%	5.7562%	5.5444%
	Interest on Loan Annualised	33091.81	32801.62	31770.13	30391.74	27734.51	24439.61
	Note: In case of foreign loans, opening loan balance considered at following exchange rate						
	Exchange rate 30.06.2018 US \$= INR 69.24, Euro = INR 81.01, JPY= INR 0.6297						
	<b>State Bank of India-VIII- D11 Repayment from 31.01.2022- 9Y</b>						
	Gross loan - Opening	500.00	500.00	500.00	500.00	500.00	500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	55.56	111.11
	Net loan - Opening	500.00	500.00	500.00	500.00	444.44	388.89
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>500.00</b>	<b>500.00</b>	<b>500.00</b>	<b>500.00</b>	<b>444.44</b>	<b>388.89</b>
	Repayments of Loans during the period	0.00	0.00	0.00	55.56	55.56	55.56
	Net loan - Closing	500.00	500.00	500.00	444.44	388.89	333.33
	Average Net Loan	500.00	500.00	500.00	472.22	416.67	361.11
	Rate of Interest on Loan	8.15%	8.1500%	8.1500%	8.1500%	8.1500%	8.1500%
	Interest on Loan Annualised	40.75	40.75	40.75	38.49	33.96	29.43
	<b>State Bank of India-VIII- D14 Repayment from 31.01.2022- 9Y</b>						
	Gross loan - Opening	1700.00	1700.00	1700.00	1700.00	1700.00	1700.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	188.89	377.78
	Net loan - Opening	1700.00	1700.00	1700.00	1700.00	1511.11	1322.22
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1700.00</b>	<b>1700.00</b>	<b>1700.00</b>	<b>1700.00</b>	<b>1511.11</b>	<b>1322.22</b>
	Repayments of Loans during the period	0.00	0.00	0.00	188.89	188.89	188.89
	Net loan - Closing	1700.00	1700.00	1700.00	1511.11	1322.22	1133.33
	Average Net Loan	1700.00	1700.00	1700.00	1605.56	1416.67	1227.78
	Rate of Interest on Loan	8.15%	8.1500%	8.1500%	8.1500%	8.1500%	8.1500%
	Interest on Loan Annualised	138.55	138.55	138.55	130.85	115.46	100.06
	<b>State Bank of India-VIII- D19 Repayment from 31.01.2022- 9Y</b>						
	Gross loan - Opening	6100.00	6100.00	6100.00	6100.00	6100.00	6100.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	677.78	1355.56
	Net loan - Opening	6100.00	6100.00	6100.00	6100.00	5422.22	4744.44
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>6100.00</b>	<b>6100.00</b>	<b>6100.00</b>	<b>6100.00</b>	<b>5422.22</b>	<b>4744.44</b>
	Repayments of Loans during the period	0.00	0.00	0.00	677.78	677.78	677.78
	Net loan - Closing	6100.00	6100.00	6100.00	5422.22	4744.44	4066.67
	Average Net Loan	6100.00	6100.00	6100.00	5761.11	5083.33	4405.56
	Rate of Interest on Loan	8.15%	8.1500%	8.1500%	8.1500%	8.1500%	8.1500%

Calculation of Interest on Actual Loans							
		(Rs Lakhs)					
Name of the Company		NTPC LTD.					
Name of the Power Station		Khargone					
Sl. no.	Particulars	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
2	Interest on Loan Annualised	497.15	497.15	497.15	469.53	414.29	359.05
	<b>State Bank of India-VIII- D20 Repayment from 31.01.2022- 9Y</b>						
	Gross loan - Opening	1800.00	1800.00	1800.00	1800.00	1800.00	1800.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	200.00	400.00
	Net loan - Opening	1800.00	1800.00	1800.00	1800.00	1600.00	1400.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	1800.00	1800.00	1800.00	1800.00	1600.00	1400.00
	Repayments of Loans during the period	0.00	0.00	0.00	200.00	200.00	200.00
	Net loan - Closing	1800.00	1800.00	1800.00	1600.00	1400.00	1200.00
	Average Net Loan	1800.00	1800.00	1800.00	1700.00	1500.00	1300.00
	Rate of Interest on Loan	8.15%	8.1500%	8.1500%	8.1500%	8.1500%	8.1500%
	Interest on Loan Annualised	146.70	146.70	146.70	138.55	122.25	105.95
	<b>State Bank of India-VIII-Total</b>						
	Gross loan - Opening	10100.00	10100.00	10100.00	10100.00	10100.00	10100.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	1122.22	2244.44
	Net loan - Opening	10100.00	10100.00	10100.00	10100.00	8977.78	7855.56
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	10100.00	10100.00	10100.00	10100.00	8977.78	7855.56
	Repayments of Loans during the period	0.00	0.00	0.00	1122.22	1122.22	1122.22
	Net loan - Closing	10100.00	10100.00	10100.00	8977.78	7855.56	6733.33
	Average Net Loan	10100.00	10100.00	10100.00	9538.89	8416.67	7294.44
	Rate of Interest on Loan	8.15%	8.15%	8.15%	8.15%	8.15%	8.15%
	Interest on Loan Annualised	823.15	823.15	823.15	777.42	685.96	594.50
	<b>State Bank of India-X- D2 Repayment from 01.10.2024- 9Y</b>						
	Gross loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Average Net Loan	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Rate of Interest on Loan	8.15%	8.1500%	8.1500%	8.1500%	8.1500%	8.1500%
	Interest on Loan Annualised	244.50	244.50	244.50	244.50	244.50	244.50
	<b>State Bank of India-X- D7 Repayment from 01.10.2024- 9Y</b>						
	Gross loan - Opening	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00
	Average Net Loan	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00
	Rate of Interest on Loan	8.15%	8.1500%	8.1500%	8.1500%	8.1500%	8.1500%
	Interest on Loan Annualised	1467.00	1467.00	1467.00	1467.00	1467.00	1467.00
	<b>State Bank of India-X- D10 Repayment from 01.10.2024- 9Y</b>						
	Gross loan - Opening	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Average Net Loan	8000.00	8000.00	8000.00	8000.00	8000.00	8000.00
	Rate of Interest on Loan	8.15%	8.1500%	8.1500%	8.1500%	8.1500%	8.1500%
	Interest on Loan Annualised	652.00	652.00	652.00	652.00	652.00	652.00
	<b>State Bank of India-X- Total</b>						
	Gross loan - Opening	29000.00	29000.00	29000.00	29000.00	29000.00	29000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	29000.00	29000.00	29000.00	29000.00	29000.00	29000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	29000.00	29000.00	29000.00	29000.00	29000.00	29000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	29000.00	29000.00	29000.00	29000.00	29000.00	29000.00
	Average Net Loan	29000.00	29000.00	29000.00	29000.00	29000.00	29000.00
	Rate of Interest on Loan	8.15%	8.15%	8.15%	8.15%	8.15%	8.15%
	Interest on Loan Annualised	2363.50	2363.50	2363.50	2363.50	2363.50	2363.50
	<b>State Bank of India-XI- D2 Repayment from 01.10.2022- 9Y</b>						
	Gross loan - Opening	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	1333.33
	Net loan - Opening	12000.00	12000.00	12000.00	12000.00	12000.00	10666.67
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	12000.00	12000.00	12000.00	12000.00	12000.00	10666.67

166

5

Calculation of Interest on Actual Loans							
		(Rs Lakhs)					
Name of the Company		NTPC LTD.					
Name of the Power Station		Khargone					
Sl. no.	Particulars	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
2							
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	1333.33	1333.33
	Net loan - Closing	12000.00	12000.00	12000.00	12000.00	10666.67	9333.33
	Average Net Loan	12000.00	12000.00	12000.00	12000.00	11333.33	10000.00
	Rate of Interest on Loan	8.30%	8.3000%	8.3000%	8.3000%	8.3000%	8.3000%
	Interest on Loan Annualised	996.00	996.00	996.00	996.00	940.67	830.00
	<b>State Bank of India-XI- D4 Repayment from 01.10.2022- 9Y</b>						
	Gross loan - Opening	27500.00	27500.00	27500.00	27500.00	27500.00	27500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	3055.56
	Net loan - Opening	27500.00	27500.00	27500.00	27500.00	27500.00	24444.44
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	27500.00	27500.00	27500.00	27500.00	27500.00	24444.44
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	3055.56	3055.56
	Net loan - Closing	27500.00	27500.00	27500.00	27500.00	24444.44	21388.89
	Average Net Loan	27500.00	27500.00	27500.00	27500.00	25972.22	22916.67
	Rate of Interest on Loan	8.30%	8.3000%	8.3000%	8.3000%	8.3000%	8.3000%
	Interest on Loan Annualised	2282.50	2282.50	2282.50	2282.50	2155.69	1902.08
	<b>State Bank of India-XI- D5 Repayment from 01.10.2022- 9Y</b>						
	Gross loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	1111.11
	Net loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00	8888.89
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	10000.00	10000.00	10000.00	10000.00	10000.00	8888.89
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	1111.11	1111.11
	Net loan - Closing	10000.00	10000.00	10000.00	10000.00	8888.89	7777.78
	Average Net Loan	10000.00	10000.00	10000.00	10000.00	9444.44	8333.33
	Rate of Interest on Loan	8.30%	8.3000%	8.3000%	8.3000%	8.3000%	8.3000%
	Interest on Loan Annualised	830.00	830.00	830.00	830.00	783.89	691.67
	<b>State Bank of India-XI-Total</b>						
	Gross loan - Opening	49500.00	49500.00	49500.00	49500.00	49500.00	49500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	5500.00
	Net loan - Opening	49500.00	49500.00	49500.00	49500.00	49500.00	44000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	49500.00	49500.00	49500.00	49500.00	49500.00	44000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	5500.00	5500.00
	Net loan - Closing	49500.00	49500.00	49500.00	49500.00	44000.00	38500.00
	Average Net Loan	49500.00	49500.00	49500.00	49500.00	46750.00	41250.00
	Rate of Interest on Loan	8.30%	8.30%	8.30%	8.30%	8.30%	8.30%
	Interest on Loan Annualised	4108.50	4108.50	4108.50	4108.50	3880.25	3423.75
	<b>State Bank of India-XII- D1 Repayment from 31.03.2026- 9Y</b>						
	Gross loan - Opening	9000.00	9000.00	9000.00	9000.00	9000.00	9000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	9000.00	9000.00	9000.00	9000.00	9000.00	9000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	9000.00	9000.00	9000.00	9000.00	9000.00	9000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	9000.00	9000.00	9000.00	9000.00	9000.00	9000.00
	Average Net Loan	9000.00	9000.00	9000.00	9000.00	9000.00	9000.00
	Rate of Interest on Loan	8.25%	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	742.50	742.50	742.50	742.50	742.50	742.50
	<b>State Bank of India-XII- D3 Repayment from 31.03.2026- 9Y</b>						
	Gross loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Average Net Loan	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Rate of Interest on Loan	8.25%	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	495.00	495.00	495.00	495.00	495.00	495.00
	<b>State Bank of India-XII-Total</b>						
	Gross loan - Opening	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Average Net Loan	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Rate of Interest on Loan	8.25%	8.25%	8.25%	8.25%	8.25%	8.25%
	Interest on Loan Annualised	1237.50	1237.50	1237.50	1237.50	1237.50	1237.50
	<b>ICICI-IV- D3 Repayment from 16.02.2023- 9Y</b>						
	Gross loan - Opening	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00
	Cumulative repayments of Loans upto previous period	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00

167

S.

Calculation of Interest on Actual Loans							
		(Rs Lakhs)					
Name of the Company		NTPC LTD.					
Name of the Power Station		Khargone					
Sl. no.	Particulars	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
	<b>2</b>						
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.600%	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
	<b>ICICI-IV- D4 Repayment from 16.02.2023- 9Y</b>						
	Gross loan - Opening	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00
	Cumulative repayments of Loans upto previous period	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.600%	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
	<b>ICICI-IV- D5 Repayment from 16.02.2023- 9Y</b>						
	Gross loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
	Cumulative repayments of Loans upto previous period	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.600%	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
	<b>ICICI-IV-Total</b>						
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
	<b>HDFC Bank Limited-V- D1 Repayment from 25.09.2024 -9Y</b>						
	Gross loan - Opening	8968.00	8968.00	8968.00	8968.00	8968.00	8968.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	8968.00	8968.00	8968.00	8968.00	8968.00	8968.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	8968.00	8968.00	8968.00	8968.00	8968.00	8968.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	996.44
	Net loan - Closing	8968.00	8968.00	8968.00	8968.00	8968.00	7971.56
	Average Net Loan	8968.00	8968.00	8968.00	8968.00	8968.00	8469.78
	Rate of Interest on Loan	8.400%	8.4000%	8.4000%	8.4000%	8.4000%	8.4000%
	Interest on Loan Annualised	753.31	753.31	753.31	753.31	753.31	711.46
	<b>HDFC Bank Limited-V- D4 Repayment from 25.09.2024 -9Y</b>						
	Gross loan - Opening	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	833.33
	Net loan - Closing	7500.00	7500.00	7500.00	7500.00	7500.00	6666.67
	Average Net Loan	7500.00	7500.00	7500.00	7500.00	7500.00	7083.33
	Rate of Interest on Loan	8.400%	8.4000%	8.4000%	8.4000%	8.4000%	8.4000%
	Interest on Loan Annualised	630.00	630.00	630.00	630.00	630.00	595.00
	<b>HDFC Bank Limited-V- D6 Repayment from 25.09.2024 -9Y</b>						
	Gross loan - Opening	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	444.44
	Net loan - Closing	4000.00	4000.00	4000.00	4000.00	4000.00	3555.56
	Average Net Loan	4000.00	4000.00	4000.00	4000.00	4000.00	3777.78
	Rate of Interest on Loan	8.400%	8.4000%	8.4000%	8.4000%	8.4000%	8.4000%
	Interest on Loan Annualised	336.00	336.00	336.00	336.00	336.00	317.33
	<b>HDFC Bank Limited-V- D7 Repayment from 25.09.2024 -9Y</b>						

(68)

S.A. →

Calculation of Interest on Actual Loans							
		(Rs Lakhs)					
Name of the Company		NTPC LTD.					
Name of the Power Station		Khargone					
Sl. no.	Particulars	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
	<b>2</b>						
	Gross loan - Opening	7700.00	7700.00	7700.00	7700.00	7700.00	7700.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	7700.00	7700.00	7700.00	7700.00	7700.00	7700.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	7700.00	7700.00	7700.00	7700.00	7700.00	7700.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	7700.00	7700.00	7700.00	7700.00	7700.00	855.56
	Average Net Loan	7700.00	7700.00	7700.00	7700.00	7700.00	6844.44
	Rate of Interest on Loan	8.400%	8.4000%	8.4000%	8.4000%	8.4000%	7272.22
	Interest on Loan Annualised	646.80	646.80	646.80	646.80	646.80	610.87
	<b>HDFC Bank Limited-V- D9 Repayment from 25.09.2024 -9Y</b>						
	Gross loan - Opening	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	7500.00	7500.00	7500.00	7500.00	7500.00	833.33
	Average Net Loan	7500.00	7500.00	7500.00	7500.00	7500.00	6666.67
	Rate of Interest on Loan	8.400%	8.4000%	8.4000%	8.4000%	8.4000%	7083.33
	Interest on Loan Annualised	630.00	630.00	630.00	630.00	630.00	595.00
	<b>HDFC Bank Limited-V- D10 Repayment from 25.09.2024 -9Y</b>						
	Gross loan - Opening	13500.00	13500.00	13500.00	13500.00	13500.00	13500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	13500.00	13500.00	13500.00	13500.00	13500.00	13500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	13500.00	13500.00	13500.00	13500.00	13500.00	13500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	13500.00	13500.00	13500.00	13500.00	13500.00	1500.00
	Average Net Loan	13500.00	13500.00	13500.00	13500.00	13500.00	12000.00
	Rate of Interest on Loan	8.400%	8.4000%	8.4000%	8.4000%	8.4000%	12750.00
	Interest on Loan Annualised	1134.00	1134.00	1134.00	1134.00	1134.00	1071.00
	<b>HDFC Bank Limited-V- Total</b>						
	Gross loan - Opening	49168.00	49168.00	49168.00	49168.00	49168.00	49168.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	49168.00	49168.00	49168.00	49168.00	49168.00	49168.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE	0.00	0.00	0.00	0.00	0.00	0.00
	Total	49168.00	49168.00	49168.00	49168.00	49168.00	49168.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	49168.00	49168.00	49168.00	49168.00	49168.00	5463.11
	Average Net Loan	49168.00	49168.00	49168.00	49168.00	49168.00	43704.89
	Rate of Interest on Loan	8.40%	8.40%	8.40%	8.40%	8.40%	46436.44
	Interest on Loan Annualised	4130.11	4130.11	4130.11	4130.11	4130.11	3900.66

69

Spur..

Form 14		(Amt in ₹)																	
Name of the Company	NTPC Ltd																		
Name of the Power Stat	KHARGONE																		
Name of the Bank	Description	Q1 2015-16	Q2 2015-16	Q3 2015-16	Q4 2015-16	Total 2015-16	Q1 2016-17	Q2 2016-17	Q3 2016-17	Q4 2016-17	Total 2016-17	Q1 2017-18	Q2 2017-18	Q3 2017-18	Q4 2017-18	Total 2017-18	Q1 2018-19	Q2 2018-19	
Name of the Bank	Description	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	
HDFC Bank Limited-III	Drawl Amount						30,00,00,000												
	Interest Debit										30,00,00,000								
	Interest Credit						54,27,123	68,83,562	68,51,506	59,78,630	2,51,40,821	59,46,164	60,11,507	60,11,507	59,02,603	2,38,71,781	59,83,562	61,24,932	
	Adj. Amount																		
	Financial charges						54,27,123	68,83,562	68,51,506	59,78,630	2,51,40,821	59,46,164	60,11,507	60,11,507	59,02,603	2,38,71,781	59,83,562	61,24,932	
HDFC Bank Limited-V	Drawl Amount																		
	Interest Debit																		
	Interest Credit																		
	Adj. Amount																		
	Financial charges																		
HDFC Bank Limited-VI	Drawl Amount																		
	Interest Debit																		
	Interest Credit																		
	Adj. Amount																		
	Financial charges																		
HDFC Bank Limited-VII	Drawl Amount																		
	Interest Debit																		
	Interest Credit																		
	Adj. Amount																		
	Financial charges																		
ICICI-IV	Drawl Amount																		
	Interest Debit						30,00,00,000				30,00,00,000								
	Interest Credit						4,48,768	1,08,96,439	1,04,79,453	2,18,24,660	98,47,946	99,56,164	99,35,616	97,39,726	3,94,79,452	1,00,12,328	1,03,07,533		
	Adj. Amount																		
	Financial charges						4,48,768	1,08,96,439	1,04,79,453	2,18,24,660	98,47,946	99,56,164	99,35,616	97,39,726	3,94,79,452	1,00,12,328	1,03,07,533		
PNB-IV	Drawl Amount																		
	Interest Debit																		
	Interest Credit																		
	Adj. Amount																		
	Financial charges																		
PNB-III	Drawl Amount																		
	Interest Debit																		
	Interest Credit														1,35,00,00,000	1,35,00,00,000			
	Adj. Amount														92,31,782	92,31,782	2,65,91,302	2,72,77,397	
	Financial charges														92,31,782	92,31,782	2,65,91,302	2,72,77,397	
State Bank of India-VIII	Drawl Amount			5,00,00,000	17,00,00,000	22,00,00,000													
	Interest Debit			8,02,603	51,00,986	59,83,589	51,00,986	2,05,27,548	2,31,66,356	2,16,44,425	79,00,00,000	2,09,00,083	2,05,98,464	2,00,45,041	1,95,49,727	8,10,93,315	1,97,66,946	2,01,16,985	
	Interest Credit																		
	Adj. Amount																		
	Financial charges			5,618	19,101	24,719	51,00,986	2,05,27,548	2,31,66,356	2,16,44,425	79,00,00,000	2,09,00,083	2,05,98,464	2,00,45,041	1,95,49,727	8,10,93,315	1,97,66,946	2,01,16,985	
State Bank of India-IX	Drawl Amount																		
	Interest Debit																		
	Interest Credit																		
	Adj. Amount																		
	Financial charges																		
State Bank of India-X	Drawl Amount																		
	Interest Debit																		
	Interest Credit																		
	Adj. Amount																		
	Financial charges																		

70

Sum



Form 14		(Amt in ₹)																				
Name of the Company		NTPC Ltd																				
Name of the Power Sta		KHARGONE																				
Name of the Bank	Description	Q1 2015-16	Q2 2015-16	Q3 2015-16	Q4 2015-16	Total 2015-16	Q1 2016-17	Q2 17	2016-17	Q3 17	2016-17	Q4 17	2016-17	Total 2016-17	Q1 2017-18	Q2 2017-18	Q3 2017-18	Q4 2017-18	Total 2017-18	Q1 2018-19	Q2 2018-19	
Name of the Bank	Description	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2				
State Bank of India-XI	Drawl Amount																					
	Interest Debit																					
	Interest Credit																					
	Adj. Amount																					
	Net Charges																					
	Financial charges																					
State Bank of India-XII	Drawl Amount																					
	Interest Debit																					
	Interest Credit																					
	Adj. Amount																					
	Net Charges																					
	Financial charges																					
<b>TOTAL</b>	<b>Drawl Amount</b>	-	-	5,00,00,000	17,00,00,000	22,00,00,000	30,00,00,000	1,09,00,00,000	20,00,00,000	-	1,59,00,00,000	-	-	89,68,00,000	1,45,00,00,000	3,92,00,00,000	6,26,68,00,000	1,55,00,00,000	2,10,00,00,000			
	<b>Interest Debit</b>	-	-	8,02,603	51,00,986	59,03,589	1,05,28,109	2,78,59,878	4,09,14,301	3,81,02,508	11,74,04,796	3,66,94,193	3,77,30,747	6,54,99,090	11,26,39,921	25,25,63,951	16,57,29,766	21,11,15,534				
	<b>Interest Credit</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Adj. Amount</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Net Charges</b>	-	-	-	-	-	1,05,28,109	2,78,59,878	4,09,14,301	3,81,02,508	11,74,04,796	3,66,94,193	3,77,30,747	6,54,99,090	11,26,39,921	25,25,63,951	16,57,29,766	21,11,15,534				
	<b>Financial charges</b>	-	-	5,618	19,101	24,719	-	88,764	-	28,816	1,17,580	-	-	-	-	-	-	-	-	-	-	

71

S. S.

Form 14		(Amt in ₹)				
Name of the Company	NTPC Ltd					
Name of the Power Sta	KHARGONE					
Name of the Bank	Description	Q3 2018-19	Q4 2018-19	Total 2018-19	Q1 2019-20(Upto 30.06.2019)	GRAND TOTAL
Name of the Bank	Description	Q3	Q4	Total	Total	GRAND TOTAL
HDFC Bank Limited-III	Drawl Amount			-		30,00,00,000
	Interest Debit	62,76,164	62,50,685	2,46,35,343	63,20,137	7,99,68,082
	Interest Credit			-		-
	Adj. Amount			-		-
	Net Charges	62,76,164	62,50,685	2,46,35,343	63,20,137	7,99,68,082
	Financial charges			-		-
HDFC Bank Limited-V	Drawl Amount			2,10,00,00,000		4,91,88,00,000
	Interest Debit	10,30,03,592	10,24,44,561	33,59,83,222	10,35,42,420	51,90,87,920
	Interest Credit			-		-
	Adj. Amount			-		-
	Net Charges	10,30,03,592	10,24,44,561	33,59,83,222	10,35,42,420	51,90,87,920
	Financial charges			-		-
HDFC Bank Limited-VI	Drawl Amount	48,00,00,000		48,00,00,000		48,00,00,000
	Interest Debit	8962192	1,00,01,096	1,89,63,288	1,01,08,932	2,90,72,220
	Interest Credit			-		-
	Adj. Amount			-		-
	Net Charges	89,62,192	1,00,01,096	1,89,63,288	1,01,08,932	2,90,72,220
	Financial charges			-		-
HDFC Bank Limited-VII	Drawl Amount			-		-
	Interest Debit			-		-
	Interest Credit			-		-
	Adj. Amount			-		-
	Net Charges			-		-
	Financial charges			-		-
ICICI-IV	Drawl Amount			-		50,00,00,000
	Interest Debit	1,06,26,027	1	3,09,45,889		9,22,50,001
	Interest Credit			-		-
	Adj. Amount			-		-
	Net Charges	1,06,26,027	1	3,09,45,889		9,22,50,001
	Financial charges			-		-
PNB-IV	Drawl Amount		50,00,00,000	50,00,00,000		50,00,00,000
	Interest Debit		1,03,72,602	1,03,72,602	1,02,67,123	2,06,39,725
	Interest Credit			-		-
	Adj. Amount			-		-
	Net Charges		1,03,72,602	1,03,72,602	1,02,67,123	2,06,39,725
	Financial charges			-		-
PNB-III	Drawl Amount			-		1,35,00,00,000
	Interest Debit	2,79,56,096	2,76,28,767	10,94,53,562	2,77,21,233	14,64,06,577
	Interest Credit			-		-
	Adj. Amount			-		-
	Net Charges	2,79,56,096	2,76,28,767	10,94,53,562	2,77,21,233	14,64,06,577
	Financial charges			-		-
State Bank of India-VIII	Drawl Amount			-		1,01,00,00,000
	Interest Debit	2,05,70,794	2,04,84,988	8,09,39,713	2,06,41,355	25,90,17,287
	Interest Credit			-		-
	Adj. Amount			-		-
	Net Charges	2,05,70,794	2,04,84,988	8,09,39,713	2,06,41,355	25,90,17,287
	Financial charges			-		1,17,580
State Bank of India-IX	Drawl Amount			75,00,00,000		75,00,00,000
	Interest Debit	1,52,70,205	1,53,80,139	4,57,47,946	1,53,27,740	6,10,75,686
	Interest Credit			-		-
	Adj. Amount			-		-
	Net Charges	1,52,70,205	1,53,80,139	4,57,47,946	1,53,27,740	6,10,75,686
	Financial charges			-		-
State Bank of India-X	Drawl Amount			80,00,00,000		2,90,00,00,000
	Interest Debit	5,96,28,768	5,89,92,872	22,36,53,284	5,96,00,261	30,25,78,888
	Interest Credit			-		-
	Adj. Amount			-		-
	Net Charges	5,96,28,768	5,89,92,872	22,36,53,284	5,96,00,261	30,25,78,888
	Financial charges			-		-

Stw.

72

Form 14		(Amt in ₹)				
Name of the Company	NTPC Ltd					
Name of the Power Sta	KHARGONE					
Name of the Bank	Description	Q3 2018-19	Q4 2018-19	Total 2018-19	Q1 2019-20(Upto 30.06.2019)	GRAND TOTAL
Name of the Bank	Description	Q3	Q4	Total	Total	GRAND TOTAL
State Bank of India-XI	Drawl Amount	4,95,00,00,000		4,95,00,00,000		4,95,00,00,000
	Interest Debit	3,26,08,767	12,00,39,726	15,26,48,493	10,24,98,716	25,51,47,209
	Interest Credit			-		-
	Adj. Amount					
	Net Charges	3,26,08,767	12,00,39,726	15,26,48,493	10,24,98,716	25,51,47,209
	Financial charges					
State Bank of India-XII	Drawl Amount		1,50,00,00,000	1,50,00,00,000		1,50,00,00,000
	Interest Debit		1,09,12,192	1,09,12,192	3,10,17,123	4,19,29,315
	Interest Credit					
	Adj. Amount					
	Net Charges		1,09,12,192	1,09,12,192	3,10,17,123	4,19,29,315
	Financial charges					
TOTAL	Drawl Amount	5,43,00,00,000	2,00,00,00,000	11,08,00,00,000	-	19,15,88,00,000
	Interest Debit	28,49,02,605	38,25,07,629	1,04,42,55,534	38,70,45,040	1,80,71,72,910
	Interest Credit	-	-	-	-	-
	Adj. Amount	-	-	-	-	-
	Net Charges	28,49,02,605	38,25,07,629	1,04,42,55,534	38,70,45,040	1,80,71,72,910
	Financial charges	-	-	-	-	1,42,299

*Sharma*

73



Name of the Company		FORM-14																	
Name of the Power Station		FORM-14																	
Name of the Company		FORM-14																	
Name of the Power Station		FORM-14																	
Name of the Loan / Bonds	Description	2015-2016 (01-APR-15 - 30-JUN-15)	2015-2016 (01-JUL-15 - 30-SEP-15)	2015-2016 (01-OCT-15 - 31-DEC-15)	2015-2016 (01-JAN-16 - 31-MAR-16)	2016-2017 (01-APR-16 - 30-JUN-16)	2016-2017 (01-JUL-16 - 30-SEP-16)	2016-2017 (01-OCT-16 - 31-DEC-16)	2016-2017 (01-JAN-17 - 31-MAR-17)	2017-2018 (01-APR-17 - 30-JUN-17)	2017-2018 (01-JUL-17 - 30-SEP-17)	2017-2018 (01-OCT-17 - 31-DEC-17)	2017-2018 (01-JAN-18 - 31-MAR-18)	2018-2019 (01-APR-18 - 30-JUN-18)	2018-2019 (01-JUL-18 - 30-SEP-18)	2018-2019 (01-OCT-18 - 31-DEC-18)	2018-2019 (01-JAN-19 - 31-MAR-19)	2019-2020 (01-APR-19 - 30-JUN-19)	
Mizuho II A	Draw Amount	9,94,09,568																	
	Interest Debit	4,31,341	4,54,941	4,79,926	5,60,283	5,99,940	6,05,010	6,47,168	6,64,502	6,88,763	7,15,973	7,14,628	7,96,473	9,31,296	10,90,074	10,67,822	11,52,135	11,75,253	
	Interest Credit																		
	Withholding Tax	23,928	26,112	27,037	32,077	33,286	34,534	36,127	38,118	39,002	41,210	40,223	45,466	50,832	62,876	60,782	66,654	67,030	
	Adj. Amount																		
	Net Charge	4,55,269	4,81,053	5,06,963	5,92,360	6,33,226	6,39,544	6,83,295	7,02,620	7,27,765	7,57,183	7,54,851	8,41,939	9,82,128	11,52,950	11,28,604	12,18,789	12,42,283	
	Financial charges	26,03,287																	

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

Name of the Company		FORM-14																	
Name of the Power Station		FORM-14																	
Name of the Company		FORM-14																	
Name of the Power Station		FORM-14																	
Name of the Loan / Bonds	Description	2015-2016 (01-APR-15 - 30-JUN-15)	2015-2016 (01-JUL-15 - 30-SEP-15)	2015-2016 (01-OCT-15 - 31-DEC-15)	2015-2016 (01-JAN-16 - 31-MAR-16)	2016-2017 (01-APR-16 - 30-JUN-16)	2016-2017 (01-JUL-16 - 30-SEP-16)	2016-2017 (01-OCT-16 - 31-DEC-16)	2016-2017 (01-JAN-17 - 31-MAR-17)	2017-2018 (01-APR-17 - 30-JUN-17)	2017-2018 (01-JUL-17 - 30-SEP-17)	2017-2018 (01-OCT-17 - 31-DEC-17)	2017-2018 (01-JAN-18 - 31-MAR-18)	2018-2019 (01-APR-18 - 30-JUN-18)	2018-2019 (01-JUL-18 - 30-SEP-18)	2018-2019 (01-OCT-18 - 31-DEC-18)	2018-2019 (01-JAN-19 - 31-MAR-19)	2019-2020 (01-APR-19 - 30-JUN-19)	
Mizuho II B	Draw Amount	4,64,33,72,979																	
	Interest Debit	1,89,19,167	2,08,69,620	2,19,11,417	2,55,80,174	2,73,90,777	2,76,22,261	2,95,47,000	3,03,38,385	3,14,46,056	3,26,88,332	3,26,26,954	3,63,63,661	4,25,19,118	4,97,68,230	4,87,52,330	5,26,01,700	5,36,57,172	
	Interest Credit	2,85,31,551																	
	Withholding Tax	10,61,754	11,87,692	12,34,384	14,64,508	15,19,678	15,76,690	16,49,427	17,40,289	17,80,648	18,81,472	18,36,401	20,75,795	23,20,785	28,70,664	27,75,067	30,43,139	30,60,321	
	Adj. Amount																		
	Net Charge	85,50,631	2,20,57,312	2,31,45,801	2,70,44,682	2,89,10,455	2,91,98,951	3,11,96,427	3,20,78,674	3,32,26,704	3,45,69,804	3,44,63,355	3,84,39,456	4,48,39,903	5,26,38,894	5,15,27,396	5,56,44,839	5,67,17,493	
	Financial charges	11,88,55,269																	

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

Name of the Company		FORM-14																	
Name of the Power Station		FORM-14																	
Name of the Company		FORM-14																	
Name of the Power Station		FORM-14																	
Name of the Loan / Bonds	Description	2015-2016 (01-APR-15 - 30-JUN-15)	2015-2016 (01-JUL-15 - 30-SEP-15)	2015-2016 (01-OCT-15 - 31-DEC-15)	2015-2016 (01-JAN-16 - 31-MAR-16)	2016-2017 (01-APR-16 - 30-JUN-16)	2016-2017 (01-JUL-16 - 30-SEP-16)	2016-2017 (01-OCT-16 - 31-DEC-16)	2016-2017 (01-JAN-17 - 31-MAR-17)	2017-2018 (01-APR-17 - 30-JUN-17)	2017-2018 (01-JUL-17 - 30-SEP-17)	2017-2018 (01-OCT-17 - 31-DEC-17)	2017-2018 (01-JAN-18 - 31-MAR-18)	2018-2019 (01-APR-18 - 30-JUN-18)	2018-2019 (01-JUL-18 - 30-SEP-18)	2018-2019 (01-OCT-18 - 31-DEC-18)	2018-2019 (01-JAN-19 - 31-MAR-19)	2019-2020 (01-APR-19 - 30-JUN-19)	
4.25% Euro Bonds 2026	Draw Amount				14,07,47,645	18,21,55,324													
	Interest Debit				5,88,057	34,27,916													
	Interest Credit				6,26,623	3,56,257													
	Withholding Tax				33,125	1,91,757													
	Adj. Amount				8,19,934														
	Net Charge				8,14,493	32,63,416													
	Financial charges				2610371														

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

Name of the Company		FORM-14																	
Name of the Power Station		FORM-14																	
Name of the Company		FORM-14																	
Name of the Power Station		FORM-14																	
Name of the Loan / Bonds	Description	2015-2016 (01-APR-15 - 30-JUN-15)	2015-2016 (01-JUL-15 - 30-SEP-15)	2015-2016 (01-OCT-15 - 31-DEC-15)	2015-2016 (01-JAN-16 - 31-MAR-16)	2016-2017 (01-APR-16 - 30-JUN-16)	2016-2017 (01-JUL-16 - 30-SEP-16)	2016-2017 (01-OCT-16 - 31-DEC-16)	2016-2017 (01-JAN-17 - 31-MAR-17)	2017-2018 (01-APR-17 - 30-JUN-17)	2017-2018 (01-JUL-17 - 30-SEP-17)	2017-2018 (01-OCT-17 - 31-DEC-17)	2017-2018 (01-JAN-18 - 31-MAR-18)	2018-2019 (01-APR-18 - 30-JUN-18)	2018-2019 (01-JUL-18 - 30-SEP-18)	2018-2019 (01-OCT-18 - 31-DEC-18)	2018-2019 (01-JAN-19 - 31-MAR-19)	2019-2020 (01-APR-19 - 30-JUN-19)	
2.75% Euro Bonds 2027	Draw Amount																		
	Interest Debit																		
	Interest Credit																		
	Withholding Tax																		
	Adj. Amount																		
	Net Charge																		
	Financial charges																		

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

Name of the Company		FORM-14																	
Name of the Power Station		FORM-14																	
Name of the Company		FORM-14																	
Name of the Power Station		FORM-14																	
Name of the Loan / Bonds	Description	2015-2016 (01-APR-15 - 30-JUN-15)	2015-2016 (01-JUL-15 - 30-SEP-15)	2015-2016 (01-OCT-15 - 31-DEC-15)	2015-2016 (01-JAN-16 - 31-MAR-16)	2016-2017 (01-APR-16 - 30-JUN-16)	2016-2017 (01-JUL-16 - 30-SEP-16)	2016-2017 (01-OCT-16 - 31-DEC-16)	2016-2017 (01-JAN-17 - 31-MAR-17)	2017-2018 (01-APR-17 - 30-JUN-17)	2017-2018 (01-JUL-17 - 30-SEP-17)	2017-2018 (01-OCT-17 - 31-DEC-17)	2017-2018 (01-JAN-18 - 31-MAR-18)	2018-2019 (01-APR-18 - 30-JUN-18)	2018-2019 (01-JUL-18 - 30-SEP-18)	2018-2019 (01-OCT-18 - 31-DEC-18)	2018-2019 (01-JAN-19 - 31-MAR-19)	2019-2020 (01-APR-19 - 30-JUN-19)	
7.25% Masala Bonds 2022	Draw Amount																		
	Interest Debit																		
	Interest Credit																		
	Withholding Tax																		
	Adj. Amount																		
	Net Charge																		
	Financial charges																		

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

Name of the Company		FORM-14																		
Name of the Power Station		FORM-14																		
Name of the Company		FORM-14																		
Name of the Power Station		FORM-14																		

Name of the Loan / Bonds	Description	2015-2016 (01-APR-15 - 30-JUN-15)	2015-2016 (01-JUL-15 - 30-SEP-15)	2015-2016 (01-OCT-15 - 31-DEC-15)	2015-2016 (01-JAN-16 - 31-MAR-16)	2016-2017 (01-APR-16 - 30-JUN-16)	2016-2017 (01-JUL-16 - 30-SEP-16)	2016-2017 (01-OCT-16 - 31-DEC-16)	2016-2017 (01-JAN-17 - 31-MAR-17)	2017-2018 (01-APR-17 - 30-JUN-17)	2017-2018 (01-JUL-17 - 30-SEP-17)	2017-2018 (01-OCT-17 - 31-DEC-17)	2017-2018 (01-JAN-18 - 31-MAR-18)	2018-2019 (01-APR-18 - 30-JUN-18)	2018-2019 (01-JUL-18 - 30-SEP-18)	2018-2019 (01-OCT-18 - 31-DEC-18)	2018-2019 (01-JAN-19 - 31-MAR-19)	2019-2020 (01-APR-19 - 30-JUN-19)
JPY Equ. 350Million A	Draw Amount																	
	Interest Debit											1,69,62,46,308						
	Interest Credit											36,01,753	42,14,189	43,97,762	48,25,420	47,27,628	44,02,951	44,34,176
	Withholding Tax											57,30,114	19,42,337					
	Adj. Amount											2,01,105	2,36,799	2,52,366	2,71,277	2,73,914	2,47,143	2,57,785
	Net Charge																	
	Financial charges											19,27,256	25,08,651	46,50,128	50,96,697	50,01,542	46,50,095	46,91,961
												1,44,75,609						

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

Name of the Company: NTPC LIMITED FORM-14  
Name of the Power Station: NTPC LIMITED

Name of the Loan / Bonds	Description	2015-2016 (01-APR-15 - 30-JUN-15)	2015-2016 (01-JUL-15 - 30-SEP-15)	2015-2016 (01-OCT-15 - 31-DEC-15)	2015-2016 (01-JAN-16 - 31-MAR-16)	2016-2017 (01-APR-16 - 30-JUN-16)	2016-2017 (01-JUL-16 - 30-SEP-16)	2016-2017 (01-OCT-16 - 31-DEC-16)	2016-2017 (01-JAN-17 - 31-MAR-17)	2017-2018 (01-APR-17 - 30-JUN-17)	2017-2018 (01-JUL-17 - 30-SEP-17)	2017-2018 (01-OCT-17 - 31-DEC-17)	2017-2018 (01-JAN-18 - 31-MAR-18)	2018-2019 (01-APR-18 - 30-JUN-18)	2018-2019 (01-JUL-18 - 30-SEP-18)	2018-2019 (01-OCT-18 - 31-DEC-18)	2018-2019 (01-JAN-19 - 31-MAR-19)	2019-2020 (01-APR-19 - 30-JUN-19)
JPY Equ. 350Million B	Draw Amount																	
	Interest Debit											2,18,60,64,001						
	Interest Credit											5,73,695	58,34,548	57,73,461	63,34,898	62,06,515	57,80,274	58,21,266
	Withholding Tax											19,46,153						
	Adj. Amount											32,032	3,26,222	3,31,311	3,56,137	3,59,599	3,24,454	3,38,424
	Net Charge																	
	Financial charges											13,40,426	61,60,770	61,04,772	66,91,035	65,66,114	61,04,728	61,59,690
												12,16,20,324						

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

Name of the Company: NTPC LIMITED FORM-14  
Name of the Power Station: NTPC LIMITED

Name of the Loan / Bonds	Description	2015-2016 (01-APR-15 - 30-JUN-15)	2015-2016 (01-JUL-15 - 30-SEP-15)	2015-2016 (01-OCT-15 - 31-DEC-15)	2015-2016 (01-JAN-16 - 31-MAR-16)	2016-2017 (01-APR-16 - 30-JUN-16)	2016-2017 (01-JUL-16 - 30-SEP-16)	2016-2017 (01-OCT-16 - 31-DEC-16)	2016-2017 (01-JAN-17 - 31-MAR-17)	2017-2018 (01-APR-17 - 30-JUN-17)	2017-2018 (01-JUL-17 - 30-SEP-17)	2017-2018 (01-OCT-17 - 31-DEC-17)	2017-2018 (01-JAN-18 - 31-MAR-18)	2018-2019 (01-APR-18 - 30-JUN-18)	2018-2019 (01-JUL-18 - 30-SEP-18)	2018-2019 (01-OCT-18 - 31-DEC-18)	2018-2019 (01-JAN-19 - 31-MAR-19)	2019-2020 (01-APR-19 - 30-JUN-19)
4.5% Eurobonds 2028	Draw Amount																	
	Interest Debit												1,78,37,80,236	2,97,28,97,263				
	Interest Credit												26,98,507	5,73,33,763	6,15,72,038	5,76,27,608	5,64,18,786	5,72,33,987
	Withholding Tax												2,26,042	2,23,52,991				
	Adj. Amount												1,51,960	32,41,339	35,54,154	32,81,232	32,84,589	32,59,386
	Net Charge																	
	Financial charges												26,24,425	3,82,22,111	6,51,26,192	6,09,08,840	5,97,03,375	6,04,93,373
													4,63,22,688					

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

Name of the Company: NTPC LIMITED FORM-14  
Name of the Power Station: NTPC LIMITED

Name of the Loan / Bonds	Description	2015-2016 (01-APR-15 - 30-JUN-15)	2015-2016 (01-JUL-15 - 30-SEP-15)	2015-2016 (01-OCT-15 - 31-DEC-15)	2015-2016 (01-JAN-16 - 31-MAR-16)	2016-2017 (01-APR-16 - 30-JUN-16)	2016-2017 (01-JUL-16 - 30-SEP-16)	2016-2017 (01-OCT-16 - 31-DEC-16)	2016-2017 (01-JAN-17 - 31-MAR-17)	2017-2018 (01-APR-17 - 30-JUN-17)	2017-2018 (01-JUL-17 - 30-SEP-17)	2017-2018 (01-OCT-17 - 31-DEC-17)	2017-2018 (01-JAN-18 - 31-MAR-18)	2018-2019 (01-APR-18 - 30-JUN-18)	2018-2019 (01-JUL-18 - 30-SEP-18)	2018-2019 (01-OCT-18 - 31-DEC-18)	2018-2019 (01-JAN-19 - 31-MAR-19)	2019-2020 (01-APR-19 - 30-JUN-19)
JPY Equ. 300Million A	Draw Amount																	
	Interest Debit																	2,25,60,05,429
	Interest Credit																	50,36,405
	Withholding Tax																	46,29,820
	Adj. Amount																	2,82,753
	Net Charge																	
	Financial charges																	6,89,338
																		8,00,55,261

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

Name of the Company: NTPC LIMITED FORM-14  
Name of the Power Station: KHARGONE

Name of the Loan / Bonds	Description	2015-2016 (01-APR-15 - 30-JUN-15)	2015-2016 (01-JUL-15 - 30-SEP-15)	2015-2016 (01-OCT-15 - 31-DEC-15)	2015-2016 (01-JAN-16 - 31-MAR-16)	2016-2017 (01-APR-16 - 30-JUN-16)	2016-2017 (01-JUL-16 - 30-SEP-16)	2016-2017 (01-OCT-16 - 31-DEC-16)	2016-2017 (01-JAN-17 - 31-MAR-17)	2017-2018 (01-APR-17 - 30-JUN-17)	2017-2018 (01-JUL-17 - 30-SEP-17)	2017-2018 (01-OCT-17 - 31-DEC-17)	2017-2018 (01-JAN-18 - 31-MAR-18)	2018-2019 (01-APR-18 - 30-JUN-18)	2018-2019 (01-JUL-18 - 30-SEP-18)	2018-2019 (01-OCT-18 - 31-DEC-18)	2018-2019 (01-JAN-19 - 31-MAR-19)	2019-2020 (01-APR-19 - 30-JUN-19)
JPY Equ. 300Million B	Draw Amount																	
	Interest Debit																	1,86,94,69,911
	Interest Credit																	24,22,377
	Withholding Tax																	63,36,114
	Adj. Amount																	1,35,996
	Net Charge																	
	Financial charges																	37,77,741
																		6,63,38,892

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

76

*[Handwritten signature]*

Name of the Loan / Bonds	Description	2015-2016 (01-APR-15 - 30-JUN-15)	2015-2016 (01-JUL-15 - 30-SEP-15)	2015-2016 (01-OCT-15 - 31-DEC-15)	2015-2016 (01-JAN-16 - 31-MAR-16)	2016-2017 (01-APR-16 - 30-JUN-16)	2016-2017 (01-JUL-16 - 30-SEP-16)	2016-2017 (01-OCT-16 - 31-DEC-16)	2016-2017 (01-JAN-17 - 31-MAR-17)	2017-2018 (01-APR-17 - 30-JUN-17)	2017-2018 (01-JUL-17 - 30-SEP-17)	2017-2018 (01-OCT-17 - 31-DEC-17)	2017-2018 (01-JAN-18 - 31-MAR-18)	2018-2019 (01-APR-18 - 30-JUN-18)	2018-2019 (01-JUL-18 - 30-SEP-18)	2018-2019 (01-OCT-18 - 31-DEC-18)	2018-2019 (01-JAN-19 - 31-MAR-19)	2019-2020 (01-APR-19 - 30-JUN-19)	
3.75% Euro Bonds 2024 II	Draw Amount																		
	Interest Debit																		3,37,57,849
	Interest Credit																		3,13,99,686
	Witholding Tax																		3,79,05,979
	Adj. Amount																		17,87,649
	Net Charge																		47,18,644
	Financial charges																		86,87,457

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

77

Sum...

Name of the Company		NTPC Ltd.														
Name of the Power station		Kharqone STPP														
Form 14A -Notional IDC																
															Rs. crores	
	Qtr	Expr. During Qtr	Cumulative Expr. Upto the end of Qtr	Debt Applied (Dom Borr and Bonds)	Repayments of DB & Bonds	Cumulative debt applied (DB & Bonds)	Debt Applied (ECB)	ERV	Repayments of ECB	Cumulative debt applied (ECB)	Cumulative debt applied (Total)	Debt Equity Ratio	Normative debt	IDC (excl ERV as BC)	Notional IDC	Rate of Interest
2014-15	Q4	634.33	634.33	450.00	-	450.00	474.28	5.08	-	479.36	929.36	147:47	444.03	0.88	0.00	0.09%
2015-16	Q1	652.58	1,286.91	-	-	450.00	-	-	-	479.36	929.36	72:28	900.84	20.88	0.00	2.25%
	Q2	29.03	1,315.94	-	-	450.00	-	-	-	479.36	929.36	71:29	921.16	11.90	0.00	1.28%
	Q3	42.90	1,358.84	35.00	-	485.00	-	-	-	479.36	964.36	71:29	951.19	12.13	0.00	1.26%
	Q4	193.20	1,552.04	44.00	-	529.00	32.29	27.31	-	538.96	1,067.96	69:31	1086.43	13.90	0.24	1.30%
2016-17	Q1	63.50	1,615.54	55.00	-	584.00	-	-	-	538.96	1,122.96	70:30	1130.88	15.25	0.11	1.36%
	Q2	230.11	1,845.65	170.00	-	754.00	-	-	-	538.96	1,292.96	70:30	1291.96	17.84	0.00	1.38%
	Q3	260.38	2,106.03	341.00	-	1,095.00	-	-	-	538.96	1,633.96	78:22	1474.22	21.08	0.00	1.29%
	Q4	560.14	2,666.17	-	-	1,095.00	380.16	(20.22)	-	898.90	1,993.90	75:25	1866.32	24.82	0.00	1.24%
2017-18	Q1	314.06	2,980.23	-	-	1,095.00	268.92	-	-	1,167.82	2,262.82	76:24	2086.16	32.45	0.00	1.43%
	Q2	398.60	3,378.83	89.68	-	1,184.68	-	-	-	1,167.82	2,352.50	70:30	2365.18	34.67	0.19	1.47%
	Q3	575.11	3,953.94	145.00	-	1,329.68	388.23	-	-	1,556.05	2,885.73	73:27	2767.76	50.14	0.00	1.74%
	Q4	1,128.89	5,082.83	392.00	-	1,721.68	475.67	90.35	-	2,122.07	3,843.75	76:24	3557.98	47.74	0.00	1.24%
2018-19	Q1	413.06	5,495.89	155.00	-	1,876.68	-	-	-	2,122.07	3,998.75	73:27	3847.12	52.87	0.00	1.32%
	Q2	501.38	5,997.27	210.00	-	2,086.68	-	-	-	2,122.07	4,208.75	70:30	4198.09	61.72	0.00	1.47%
	Q3	696.63	6,693.90	543.00	50.00	2,579.68	-	-	-	2,122.07	4,701.75	70:30	4685.73	67.56	0.00	1.44%
	Q4	918.14	7,612.04	200.00	-	2,779.68	412.55	54.28	-	2,588.90	5,368.58	71:29	5328.43	91.89	0.00	1.71%
2019-20	Q1	515.49	8,127.53	-	-	2,779.68	237.58	29.67	-	2,856.15	5,635.83	69:31	5689.27	79.88	0.76	1.42%
															1.29	
Notional IDC upto 30.06.2018(Rs Lakhs)															Rs Lakhs	129.23

78

S. Kumar



Details of IDC for Khargone upto 30.06.2019											Rs Lakhs
	IDC DOMESTIC LOAN	IDC BONDS	IDC FOREIGN LOAN	Financial charges capitalised	ERV treated As BC	Total	Amort Exp Vendor Disc-ind AS	Total IDC incl IND AS ADJ	Charged to P&L	IDC taken to CWIP	Cummulative IDC in CWIP
2014-15	0	73	0	15	0	88	0	88	0	88	88
2015-16	59	3908	665	1257	0	5890	0	5890	0	5890	5978
2016-17	1174	5346	1357	20	0	7898	180	8077	0	8077	14055
2017-18	2526	7295	4473	2208	2950	19450	2813	22263	0	22263	36319
2018-19	10443	7295	8191	1475	2330	29733	1713	31447	0	31447	67765
2019-20 (Upto 30.06.2019)	3870	1819	2204	94	2200	10188	0	10188	0	10188	77953
<b>Total upto 30.06.2019</b>	<b>18072</b>	<b>25736</b>	<b>16891</b>	<b>5069</b>	<b>7480</b>	<b>73247</b>	<b>4706</b>	<b>77953</b>	<b>0</b>	<b>77953</b>	

79

S. P. ...

Details of FERV for Khargone							
	Rs Lakhs						
	FERV 2014-15	FERV 2015-16	FERV 2016-17	FERV 2017-18	FERV 2018-19	FERV 2019-20(Upto June 2019)	
	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20(Upto June 2019)	Total
Mizuho II A	33.35	60.32	-19.02	-1.63	67.31	-2.44	137.90
Mizuho II B	475.10	2754.10	-868.54	-74.23	3073.31	-111.35	5248.38
4.25% Euro Bonds 2026	0.00	-83.73	-55.01	-4.70	194.64	-7.05	44.15
4.5% Eurobonds 2028	0.00	0.00	0.00	405.98	3026.16	-109.64	3322.50
3.75% Euro Bonds 2024 II	0.00	0.00	0.00	0.00	0.00	496.30	496.30
2.75% Euro Bonds 2027	0.00	0.00	-1079.56	5527.37	-1157.87	424.38	3714.32
JPY Equ. 350Million A	0.00	0.00	0.00	1199.52	409.91	506.53	2115.96
JPY Equ. 350Million B	0.00	0.00	0.00	1982.73	538.14	664.99	3185.86
JPY Equ. 300Million A	0.00	0.00	0.00	0.00	-614.93	598.53	-16.40
JPY Equ. 300Million B	0.00	0.00	0.00	0.00	-108.69	506.92	398.23
<b>Total</b>	<b>508.45</b>	<b>2730.70</b>	<b>-2022.14</b>	<b>9035.04</b>	<b>5428.00</b>	<b>2967.16</b>	<b>18647.21</b>

	Rs Lakhs					
	Total FERV	Transferred to PL	ERV Treated as BC-IDC	ERV Treated as BC- T/f to PL	ERV in CWIP	Cummulative ERV in CWIP
2014-15	508.45	0.00	0.00	0.00	508.45	508.45
2015-16	2730.70	0.00	0.00	0.00	2730.70	3239.15
2016-17	-2022.14	-793.15	0.00	0.00	-1228.99	2010.16
2017-18	9035.04	5625.34	2950.12	0.00	459.58	2469.75
2018-19	5428.00	-15.48	2329.52	0.00	3113.96	5583.70
2019-20(Upto June 2019)	2967.16	887.92	2200.09	0.00	-120.84	5462.86
<b>Total upto 30.06.2019</b>	<b>18647.21</b>	<b>5704.64</b>	<b>7479.72</b>	<b>0.00</b>	<b>5462.86</b>	

(80)

S. M.

Details of Source wise Fuel for Computation of Energy Charges

Name of the Petitioner NTPC Ltd.  
Name of the Generating Station Khargone STPS (2x660 MW)

S. No.	Month	Unit	For preceding		For preceding		For preceding	
			3rd Month (from COD or from 1.4.2019 as the case may be )		2nd Month (from COD or from 1.5.2019 as the case may be )		1st Month (from COD or from 1.6.2019 as the case may be )	
			Domestic	Imported	Domestic	Imported	Domestic	Imported
A)	<b>OPENING QUANTITY</b>							
1	Opening Quantity of Coal/Lignite*	(MMT)	0	0	0	0		0
2	Value of Stock* (including all taxes)	(Rs)	0	0	0	0		0
B)	<b>QUANTITY</b>							
3	Quantity of Coal/Lignite supplied by Coal/Lignite Company	(MMT)	0.00	0.00	0.00	0.00	11676.00	0.00
4	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)	0	0	0	0	0	0
5	Coal supplied by Coal/Lignite Company (3+4)	(MMT)	0.00	0.00	0.00	0.00	11676.00	0.00
6	Normative Transit & Handling Losses (For	(MMT)	0.00	0.00	0.00	0.00	93.41	0.00
7	Net coal / Lignite Supplied (3-4)	(MMT)	0.00	0.00	0.00	0.00	11582.59	0.00
C)	<b>PRICE</b>							
8	Amount charged by the Coal /Lignite Company	(Rs.)	0.00	0.00	0.00	0.00	26278834.00	0.00
9	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs.)	0	0	0	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	0	0	0	0	0	0
11	Total amount Charged (8+9+10)	(Rs.)	0	0	0	0	26278834	0
D)	<b>TRANSPORTATION</b>							
12	Transportation charges by rail/ship/road transport	(Rs.)	-	-	-	-	2,83,19,554.00	-
	By Rail		0	0	0	0	2,83,19,554.00	0
	By Road		0	0	0	0		0
	By Ship		0	0	0	0	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0	0	0	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0	0	1096470	0
15	Cost of diesel in transporting coal through MGR system, if applicable	(Rs.)	0	0	0	0	0	0
16	Total Transportation Charges (12+13+14+15)	(Rs.)	-	-	-	-	2,94,16,024.00	-
17	Total amount Charged for coal/lignite supplied including Transportation (11+16)	(Rs.)	-	-	-	-	5,56,94,858.00	-
E)	<b>TOTAL COST</b>							
18	Landed cost of coal/ Lignite (2+17)/(1+7)	Rs./MT	0	0.00	0.00	0.00	4,808.50	0
10	Blending Ratio		0	0.00	0.00	0.00	0	0

Details of Source wise Fuel for Computation of Energy Charges

Name of the Petitioner NTPC Ltd.  
Name of the Generating Station Khargone STPS (2x660 MW)

S. No.	Month	Unit	For preceding		For preceding		For preceding	
			3rd Month (from COD or from 1.4.2019 as the case may be )		2nd Month (from COD or from 1.5.2019 as the case may be )		1st Month (from COD or from 1.6.2019 as the case may be )	
			Domestic	Imported	Domestic	Imported	Domestic	Imported
	(Domestic/Imported)		0	0.00	0.00	0.00	0	0
20	Weighted average cost of coal/ Lignite for preceding three months	Rs./MT	0.00	0.00	0.00	0.00	4808.50	0.00
F)	<b>QUALITY</b>							
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)						
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)					4960	
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)						
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)						
25	Weighted average GCV of coal/ Lignite as Billed	(kCal/Kg)	0		0		4960	
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)						
27	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)					3879.00	
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)						
29	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)						
30	Weighted average GCV of coal/ Lignite as Received	(kCal/Kg)	0		0		3879	

*Saw*  
(Petitioner)

(82)

Details/Information to be Submitted in respect of Oil (HFO) for Computation of Energy Charges<sup>1</sup>

Name of the Company	NTPC Ltd.
Name of the Power Station	Khargone STPP

Fuel: LDO

Sl.No.	Month	Unit	For Preceeding 3rd	(Apr'19)	For Preceeding	(May'19)	For Preceeding	(Jun'19)
			Month	HFO	2nd Month	HFO	1st Month	HFO
			LDO		LDO		LDO	
1	Quantity of Oil supplied by Oil Company	KL	399.5	NA	2684	NA	4931	NA
2	Adjustment(+/-) in quantity supplied made by Oil Company	KL	0		0		0	
3	Oil supplied by Oil Company (1+2)	KL	399.5	NA	2684	NA	4931	NA
4	Normative Transit & Handling Losses	KL	0		0		0	
5	Net Oil Supplied (3-4)	KL	399.5	NA	2684	NA	4931	NA
6	Amount charged by the Oil Company	(Rs)	20777770.4		143141925		251755275.5	
7	Adjustment(+/-) in amount charged made by Oil Company	(Rs)						
8	Total amount charged (6+7)	(Rs)	20777770.4		143141925		251755275.5	
9	Transportation charges by rail / ship / road transport	(Rs)						
10	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)						
11	Demurrage Charges, if any	(Rs)						
12	Cost of diesel in transporting Oil through MGR system, if applicable	(Rs)						
13	Total Transportation Charges (9+/-10-11+12)	(Rs)						
14	Others -Entry Tax on Oil	(Rs.)						
15	Total amount Charged for fuel supplied including Transportation (8+13+14)	(Rs)	20777770.4		143141925		251755275.5	
16	Weighted average GCV of Oil as fired	(kCal/L)	10860		10870		10790	
17	Weighted average rate of Secondary Fuel	Rs/KL	52009.44		53331.57		51055.62	

  
 PETITIONER



**Computation of Energy Charges**

Form-OI

Name of the Company: **NTPC Limited**  
 Name of the Power Station: **Khargone STPS (2x660 MW)**

ADDITIONAL FORM

Sr.No.	Description	Formula	2019-24	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
	Sp. Oil consumption	ml/kwh		0.5	0.5	0.5	0.5	0.5	0.5
	Auxiliary consumption	%		6.25%	6.25%	6.25%	6.25%	6.25%	6.25%
	Heat Rate	Kcal/Kwh		2,173.50	2,173.50	2,173.50	2,173.50	2,173.50	2,173.50

1 Rate of Energy Charge from Sec. Fuel Oil/ Alternate Fuel (p/kwh) (REC)<sub>s</sub> 2.593

2 Heat Contribution from SFO / Alternate (H<sub>s</sub>) 5.420

3 Heat Contribution from coal (H<sub>p</sub>)<sub>s</sub> = GHR- H<sub>s</sub> 2168.08

4 Specific Primary Fuel Consumption (Qp)<sub>n</sub> = H<sub>p</sub>/ (GCV)<sub>p</sub> 0.571

5 Rate of Energy charge from Primary (REC)<sub>p</sub> 274.781

6 Rate of Energy charge ex-bus (n/kWh) (REC) = ((REC)<sub>s</sub> + (REC)<sub>p</sub> / (1-(AUX))) 295.866

**Computation of Variable Charges**

	Unit	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
Variable Charge (Coal)	p/kwh	293.100	293.100	293.100	293.100	293.100	293.100
Variable Charge (Oil)	p/kwh	2.767	2.767	2.767	2.767	2.767	2.767
<b>Total</b>	<b>p/kwh</b>	<b>295.867</b>	<b>295.867</b>	<b>295.867</b>	<b>295.867</b>	<b>295.867</b>	<b>295.867</b>

**Price of fuel from Form-15/15A**

	Unit	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
coal Cost	(Rs./MT)	4808.50	4808.50	4808.50	4808.50	4808.50	4808.50
oil Cost	(Rs./KL)	51865.37	51865.37	51865.37	51865.37	51865.37	51865.37

**Computation of Fuel Expenses for Calculation of IWC:**

	Unit	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
ESO in one month	(MU)	384.986	769.973	767.869	767.869	767.869	769.973
ESO in 30 days	(MU)	378.675	757.350	757.350	757.350	757.350	757.350
Cost of coal for 1 month	(Rs. Cr.)	112.84	225.68	225.06	225.06	225.06	225.68
Cost of coal for 30 days	(Rs. Cr.)	110.99	221.98	221.98	221.98	221.98	221.98
Cost of oil for 1 month	(Rs. Cr.)	1.07	2.13	2.12	2.12	2.12	2.13
Cost of oil for 2 months	(Rs. Cr.)	2.13	4.26	4.25	4.25	4.25	4.26
Energy Expenses for 1 month	(Rs. Cr)	113.90	227.81	227.19	227.19	227.19	227.81

Coal		3rd month	2nd month	1st month	Avg.	
Wtd. Avg. Price of Coal		0.00	0.00	4808.50	4808.50	Rs/MT
Wtd. Avg. GCV of Coal as received (A)		0	0	3879	3879.00	kCal/Kg
Wtd average GCV of Coal for ECR: (A)-85 Kcal/kg		-85	-85	3794	3794	kCal/Kg
<b>W.Avg</b>	<b>Sec. Oil</b>					
Wtd. Avg. Price of Secondary Fuel		52009.44	53331.57	51055.62	51865.37	Rs/KL
Wtd. Avg. GCV of Secondary Fuel		10860.00	10870.00	10790.00	10840.00	kCal/L

fy

*Sun*  
PETITIONER

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

Name of the Petitioner	NTPC Ltd.	
Name of the Generating Station	Khargone STPS (2x660 MW)	
<b>New Projects</b>		
<b>Capital Cost Estimates</b>		
Board of Director/ Agency approving the Capital cost estimates:	NTPC Board of Directors	
Date of approval of the Capital cost estimates:		
Price level of approved estimates	<b>Present Day Cost</b>	<b>Completed Cost</b>
	As on End of I Qtr. Of the year 2015	As on Scheduled COD of the Station
Foreign Exchange rate considered for the Capital cost estimates	NA	NA
<b>Capital Cost excluding IDC, IEDC &amp; FC</b>		
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs. Lakh)		
<b>Capital cost excluding IDC, IEDC, FC, FERV &amp; Hedging Cost (Rs. Cr)</b>	<b>8516.87</b>	<b>9684.08</b>
<b>IDC, IEDC, FC, FERV &amp; Hedging Cost</b>		
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs. Lakh)		
<b>Total IDC, IEDC, FC, FERV &amp; Hedging Cost (Rs. Cr)</b>	<b>1353.64</b>	<b>1464.78</b>
Rate of taxes & duties considered		
<b>Capital cost Including IDC, IEDC, FC, FERV &amp; Hedging Cost</b>		
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs. Lakh)		
<b>Capital cost Including IDC, IEDC &amp; FC (Rs. Cr)</b>	<b>9870.51</b>	<b>11148.86</b>
<b>Schedule of Commissioning</b>		
Scheduled COD of Unit-I/Block-I as per Investment Approval	01.08.2019	
Scheduled COD of Unit-II/Block-II as per Investment Approval	01.02.2020	
Scheduled COD of last Unit/Block	01.02.2020	


  
(Petitioner)

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

Name of the Petitioner		NTPC Ltd.							
Name of the Generating Station		Khargone STPS (2x660 MW)							
Sl. No.	Break Down	As per Original Estimates as per Investment Approval (3)	Anticipated Capital Expenditure as on anticipated COD of Unit#1(Cash Basis) (4)	Liabilities /Provisions corresponding to (4) (5)	Anticipated Capital Expenditure up to anticipated COD of Unit#2 (6)# (Cash Basis) (6)	Liabilities /Provisions corresponding to (6) (7)	Variation (8)=(3-4-5-6-7)	Specific Reasons for Variation * (7)	Estimated Capital expenditure upto Cut-off date (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(7)	(8)
1	Cost of Land & Site Development								
1.1	Land	35360	15,756.98	-	15,756.98	-	19603.02		15,756.98
	Freehold Land		10,138.36	-	10,138.36	-	-10138.36		10,138.36
	Leasehold Land		4,209.31	-	4,209.31	-	-4209.31		4,209.31
	Land - Right of use		1,409.31	-	1,409.31	-	-1409.31		1,409.31
1.2	Rehabilitation & Resettlement (R&R)		13,802	-	17,202.33	-	-17202.33		17,202.33
1.3	Preliminary Investigation & Site Development	7318.8	7370.54	967.60	8,588.14	-	-1269.34		8,588.14
	<b>Total Land &amp; Site Development</b>	<b>42,678.80</b>	<b>36,929.85</b>	<b>967.60</b>	<b>41,547.45</b>	<b>-</b>	<b>1131.35</b>		<b>41,547.45</b>
2	Plant & Equipment								
2.1	Steam Generator Island	278362	1,35,345.00	24,146.24	2,74,721.24	24,146.24	-20505.09		3,03,867.49
2.2	Turbine Generator Island	162673	88,046.40	7,998.55	1,62,742.55	7,998.55	-8067.70		1,75,741.10
2.3	BOP Mechanical								
2.3.1	External water supply system (Make Up water)	8147	7,377.98	-	7,577.98	1,174.64	-605.82		8,752.62
2.3.2	CW system	7590	3,578.45	-	3,778.45	540.01	3271.54		4,318.46
2.3.3	DM water Plant	872.4	-	-	-	-	872.40		-
2.3.4	Clarification plant	614.4	-	-	-	-	614.40		-
2.3.5	Chlorination Plant	312	-	-	-	-	312.00		-
2.3.6	Fuel Handling & Storage system	529.2	-	-	-	-	529.20		-
2.3.7	Ash Handling System	19989.6	10,002.80	-	13,002.80	-	-		13,002.80
2.3.8	Coal Handling Plant	32454	21,874.23	2,041.61	30,915.84	2,041.61	6986.80		32,957.45
2.3.9	Rolling Stock and Locomotives	2181.6	-	-	-	-	2181.60		-
2.3.10	MGR	-	-	-	-	-	-		-
2.3.11	Air Compressor System	685.2	618.97	-	618.97	167.04	-100.81		786.01
2.3.12	Air Condition & Ventilation System	2445.6	1,643.70	224.32	2,068.02	224.32	153.26		2,292.34
2.3.13	Fire fighting System	2503.2	885.77	162.42	1,848.19	162.42	492.59		2,010.61
2.3.14	HP/LP Piping	1670.4	-	-	-	-	1670.40		-
2.3.15	FGD system, if any	-	-	-	-	-	-		-
2.3.16	De-salination plant for sea-water intake	-	-	-	-	-	-		-
2.3.17	External coal handling in Jetty, if any	-	-	-	-	-	-		-
	<b>Total BOP Mechanical</b>	<b>79,994.40</b>	<b>45,981.89</b>	<b>2,428.35</b>	<b>59,810.24</b>	<b>4,310.04</b>	<b>15874.12</b>		<b>64,120.28</b>
2.4	BOP Electrical								
2.4.1	Switch Yard Package	-	-	-	-	-	-		-
2.4.2	Transformer Package	-	-	-	-	-	-		-
2.4.3	Switch gear Package	28,000.00	10,798.32	11.33	19,809.65	-	8,190.35		19,809.65
2.4.4	Cables, Cable facilities & grounding	-	-	-	-	-	-		-
2.4.5	Lighting	-	-	-	-	-	-		-
2.4.6	Emergency D.G. set	-	-	-	-	-	-		-
2.4.7	33 KV Line / Sub-station-Township	3117	890.97	0.52	991.49	-	2125.51		991.49
	<b>Total BOP Electrical</b>	<b>31,117.00</b>	<b>11,689.29</b>	<b>11.85</b>	<b>20,801.14</b>	<b>-</b>	<b>10315.86</b>		<b>20,801.14</b>
2.5	Control & Instrumentation (C & I) Package	5450.22	344.97	48.76	3,393.73	-	2056.49		3,393.73
	<b>Total Plant &amp; Equipment excluding taxes &amp; Duties</b>	<b>5,57,597.42</b>	<b>2,81,407.55</b>	<b>34,633.76</b>	<b>5,21,468.91</b>	<b>36,454.83</b>	<b>-326.31</b>		<b>5,67,923.74</b>
2.6	Taxes & Duties	-	-	-	-	-	0.00		-
3	Initial Spares	28800	-	-	24,000.00	-	4800.00		34,700.00
4	Civil Works								
4.1	Main plant/Adm Building	20000	10,664.26	7.69	16,671.95	-	3328.05		21,671.95
4.2	CW system	3425	5,558.85	-	6,058.85	1,879.59	-4513.44		7,938.44
4.3	Cooling Towers	5325	2,927.14	-	4,427.14	569.30	328.56		4,996.44
4.4	DM water Plant	1340	-	-	-	-	1340.00		-
4.5	Clarification plant	-	-	-	-	-	-		-
4.6	Chlorination plant	-	-	-	-	-	-		-
4.7	Fuel handling & Storage system	558	1,113.45	252.17	1,427.62	-	-869.62		1,427.62
4.8	Coal Handling Plant	11505	7,361.70	-	8,861.70	1,280.25	1363.05		10,141.95
4.9	MGR & Marshalling Yard	119590	89,372.43	12,865.09	1,07,237.52	-	12352.48		1,22,237.52
4.1	Ash Handling System	3900	1,749.97	-	1,949.97	3,616.52	-1666.49		5,566.49
4.11	Ash disposal area development	19250	8,208.37	1,556.00	16,764.37	-	2485.63		18,764.37
4.12	Fire fighting System	-	147.44	43.92	491.36	-	-491.36		491.36
4.13	Township & Colony	-	-	370.17	-	-	22570.64		-
	<b>Total Civil Works</b>	<b>43826</b>	<b>15,885.19</b>	<b>14,244.75</b>	<b>21,255.36</b>	<b>5,688.15</b>	<b>-5688.15</b>		<b>23,255.36</b>
4.14	Temp. construction & enabling works	-	5,688.15	-	5,688.15	-	-5688.15		5,688.15
4.15	Road & Drainage	10483	1,364.18	455.64	2,819.82	-	7663.18		2,819.82
4.16	Service Buildings	446	218.32	65.53	483.86	-	-37.86		483.86
4.17	Air Compressor Building	558	422.67	62.50	535.17	-	22.83		535.17
4.18	Hydrogen Gen. Plant Bldg	149	33.51	5.20	58.71	-	90.29		58.71
4.19	Workshop & Lab Buildings	372	84.33	14.97	349.31	-	22.69		349.31
4.2	Canteen Building	558	164.91	23.60	458.51	-	99.49		458.51
4.21	Foam Shed	63	45.65	4.70	55.35	-	7.65		55.35
4.22	Store Building	484	310.88	125.21	486.09	-	-2.09		486.09
4.23	Chimney	5447	3,412.05	-	4,412.05	613.89	421.06		5,025.94

86

S. P. S.



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

Name of the Petitioner		NTPC Ltd.							
Name of the Generating Station		Khargone STPS (2x660 MW)							
Sl. No.	Break Down	As per Original Estimates as per Investment Approval (3)	Anticipated Capital Expenditure as on anticipated COD of Unit#1(Cash Basis) (4)	Liabilities /Provisions corresponding to (4)	Anticipated Capital Expenditure up to anticipated COD of Unit#2 (5)# (Cash Basis)	Liabilities /Provisions corresponding to (6)	Variation (8)=(3-4-5-6-7)	Specific Reasons for Variation *	Estimated Capital expenditure upto Cut-off date (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(7)	(8)
4.24	PT Water Plant		2,283.47	479.91	2,863.38				
4.25	Make Up water Plant	7596	3,458.94	548.98	4,207.92		-2863.38		2,863.38
4.26	Switchyard	745	346.76	65.68	612.44		3388.08		4,207.92
							132.56		612.44
	<b>Total Civil works</b>	<b>2,55,620.00</b>	<b>1,60,822.63</b>	<b>16,946.96</b>	<b>2,08,176.59</b>	<b>7,959.55</b>	<b>39483.86</b>		<b>2,40,136.14</b>
5	<b>Construction &amp; Pre-Commissioning Expenses</b>								
5.1	Erection Testing and commissioning	4480.00	418.12		1,418.12		3061.88		1,418.12
5.2	Site supervision								
5.3	Operator's Training						0.00		
5.4	Construction Insurance						0.00		
5.5	Tools & Plant	2503.00	750.47	46.29	2,796.76		0.00		
5.6	Start up fuel		9,592.66		19,592.66		-293.76		2,796.76
	<b>Total Construction &amp; Pre-Commissioning Expenses</b>	<b>6,983.00</b>	<b>10,761.25</b>	<b>46.29</b>	<b>23,807.54</b>		<b>-16824.54</b>		<b>23,807.54</b>
6	<b>Overheads</b>								
6.1	Establishment	40635	33,289.45		40,635.00				
6.2	Design & Engineering						0.00		40,635.00
6.3	Audit & Accounts								
6.4	Contingency	8872							
	<b>Total Overheads</b>	<b>49,507.00</b>	<b>33,289.45</b>		<b>40,635.00</b>		<b>8872.00</b>		<b>40,635.00</b>
7	<b>Total Capital cost excluding IDC &amp; FC</b>	<b>9,41,186.22</b>	<b>5,23,210.73</b>	<b>52,594.60</b>	<b>8,59,635.48</b>	<b>44,414.38</b>	<b>37136.36</b>		<b>9,48,749.86</b>
8	<b>IDC, FC, FERV &amp; Hedging Cost</b>								
8.1	Interest During Construction (IDC)	1,41,040.00	61,706.84		1,11,706.84		29333.16		1,11,706.84
8.2	Financing Charges (FC)	5,438.00							
8.3	Foreign Exchange Rate Variation (FERV) (incl in 8.1)		12,942.58				5438.00		
8.4	Hedging Cost (incl in 8.1)				12,942.58		-12942.58		12,942.58
							0.00		
	<b>Total of IDC, FC,FERV &amp; Hedging Cost</b>	<b>1,46,478.00</b>	<b>74,649.42</b>		<b>1,24,649.42</b>		<b>21828.58</b>		<b>1,24,649.42</b>
9	<b>Capital cost including IDC, FC, FERV &amp; Hedging Cost</b>	<b>10,87,664</b>	<b>5,97,860.14</b>	<b>52,594.60</b>	<b>9,84,284.90</b>	<b>44,414.38</b>	<b>58964.94</b>		<b>10,73,399.28</b>

\*Reasons for variation, if any, shall be provided at the time of revision of tariff after actual COD of U#1/Truing up.

*Su*  
(Petitioner)

87

Break-up of Construction/Supply/Service packages											Form-D
Name of the Petitioner: NTPC Limited Name of the Generating Station:- Khargone STPP											
Sino	Name/No. of Construction / Supply / Service Package	EPC Package	Ash Dyke	Township Package (this includes various small packages awarded on small agencies)	Railway Siding	Land & RR	Site Pkg - Temp construction & Enabling works (multiple small orders)	Total Construction & Pre-Commissioning Expenses	Un Allocated ERV & IDC	Total overheads	Total Cost of all packages (As on anticipated COD of U#1/Unit#2)
1	Scope of works <sup>1</sup> (in line with head of cost break-ups as applicable)	Mech (S+E+C)	Civil	civil	civil	Land acquisition & R&R	civil				
2	Whether awarded through ICB/DCB/ Departmentally/ Deposit Work	ICB	DCB	DCB	DCB		DCB				
3	No. of bids received	3	4	2	2	-	-				
4	Date of Award	31.03.15	08.11.2017	14.09.2016	02.09.2016	-	-				
5	Date of Start of work	31.03.2015	08.11.2017	14.09.2016	02.09.2016	-	-				
6	Date of Completion of Work/Expected date of completion of work	30.09.2019	08.11.2019	31.12.2019	31.12.2019						
7	Value of Award <sup>2</sup> in (Rs. Lakh)	558000	14213	18984	98000	35360					689197
8	Firm or With Escalation in prices	with Escalation	with Escalation	with Escalation	with Escalation	-	-				
9	Actual capital expenditure till the completion or up to anticipated COD of U#1, whichever is earlier (Rs.Lakh)	3,65,415.38	9,764.37	16,255.36	1,02,237.52	29,559.31	8,476.40	10,807.54	-	-	5,42,515.88
10	Taxes & Duties and IEDC (including Overhead) (Rs. Lakh)	27,833.31	452.74	682.43	4,194.47		126.50	-	-	-	33,289.45
11	IDC, FC, FERV & Hedging cost (Rs. Lakh)	67,540.36	239.71	1,376.61	5,273.58	-	219.16				74,649.42
12	Sub -total (9+10+11) (Rs. Lakh)	4,60,789.05	10,456.82	18,314.41	1,11,705.57	29,559.31	8,822.06	10,807.54	-	-	6,50,454.75
13	Actual capital expenditure till the completion or up to anticipated COD of U#2, whichever is earlier (Rs.Lakh)	6,50,814.36	16,764.37	21,255.36	1,07,237.52	32,959.31	10,576.40	23,807.54	-	-	8,63,414.86
14	Taxes & Duties and IEDC (including Overhead) (Rs. Lakh)	33,974.92	552.64	833.02	5,120.01	-	154.41	-	-	-	40,635.00
15	IDC, FC, FERV & Hedging cost (Rs. Lakh)	112323.35	415.62	2386.84	9143.61	0.00	379.99	0.00	0.00	0.00	124649.42
16	Sub -total (13+14+15) (Rs. Lakh)	7,97,112.64	17,732.63	24,475.22	1,21,501.14	32,959.31	11,110.81	23,807.54	-	-	10,28,699.28

88

Stamps

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

<b>Name of the Petitioner</b>		NTPC Limited
<b>Name of the Generating Station</b>		Khargone STPP (2x660 MW)
<b>Unit Size</b>		660 MW
<b>Number of Units</b>		Two
<b>Greenfield/Extension</b>		Greenfield
<b>S. No.</b>	<b>Variables</b>	<b>(Design Operating Range) Values</b>
1	Coal Quality – Calorific Value	3400 kcal/kg (Design Coal)
2	Ash Content	43% (Design Coal)
3	Moisture Content	15% (Design Coal)
4	Boiler Efficiency	85.96%(at BMCR)
5	Suspended Particulate Matter	
6	Ash Utilization	FA silo and HCSD silo
7	Boiler Configuration	Supercritical, once through, two pass, single reheat, radiant furnace, dry bottom, balance draft, top supported
8	Turbine Heat Rate	Unit Heat rate of 2070 Kcal/Kwh Guaranteed by the Supplier
9	CW Temperature	31.6 deg C
10	Water Source	Omkareswar reservoir located on Narmada River
11	Distance of Water Source	41 km
12	Clarifier	CW: 3X1600m3/hr; DM: 1X260m3/hr
13	Mode of Unloading Oil	road tanker / rail wagon
14	Coal Unholding Mechanism	Wagon tippler
15	Type of Fly Ash Disposal and Distance	both HCSD silo and fly ash silo
16	Type of Bottom Ash Disposal and Distance	slurry; dyke is at a distance of approx 4 km
17	Type of Soil	Stratum-I (Overburden Soils): Silty clay with rock fragments Stratum-II (Rock formation): Basalt
18	Foundation Type (Chimney)	raft
19	Water Table	groundwater was met at about 2.1-4.8 m depth below EGL (RL 241.2~244.2 m)
20	Seismic and Wind Zone	Seismic- Zone III;
21	Condensate Cooling Method	IDCT
22	Desalination/RO Plant	not envisaged
23	Evacuation Voltage Level	400kV
24	Type of Coal (Domestic/Imported)	Domestic
<b>Parameter/Variables</b>		
<b>Completion Schedule</b>		Unit#1 - 52 Months, Unit#2 - 58 Months
<b>Terms of Payment</b>		Supply: 15% as advance, 60% on dispatch, 15%on receipt at site, 10% final payment on completion of PG. Installation : 10%on advance interest bearing, 80% against progressive erection, 5% on completion of facilities & 5% on successful completion of PG tests.
<b>Performance Guarantee Liability</b>		10%
<b>Basis of Price (Firm/Escalation-Linked)</b>		Escalation linked
<b>Equipment Supplier (Country of Origin)</b>		Japan, China
<b>Optional Packages</b>		
<b>Desalination Plant/RO Plant</b>		no
<b>MGR</b>		no
<b>Railway Siding</b>		yes
<b>Unloading Equipment at Jetty</b>		no
<b>Rolling Stock/Locomotive</b>		Supply of Locomotive is part of EPC
<b>FGD Plant</b>		yes
<b>Length of Transmission Line till Tie Point (in km)</b>		25 km

  
 (Petitioner)



Detail of cost over run  
Name of the Petitioner NTPC LIMITED  
Name of the Generating Station Khargone STPS (2x660 MW)

S. No.	Break Down	Original Cost (Rs. Lakh) as approved by the Board of Members	Actual/ Estimated Cost as incurred/to be incurred (Rs. Lakh)	Difference	Reasons for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost
		Total Cost	Total Cost	Total Cost		
1	<b>Cost of Land &amp; Site Development</b>					
1.1	Land*					
1.2	Rehabilitation & Resettlement (R&R)					
1.3	Preliminary Investigation & Site Development					
2	<b>Plant &amp; Equipment</b>					
2.1	Steam Generator Island					
2.2	Turbine Generator Island					
2.3	BOP Mechanical					
2.3.1	Fuel Handling & Storage system					
2.3.2	External water supply system					
2.3.3	DM water Plant					
2.3.4	Clarification plant					
2.3.5	Chlorination Plant					
2.3.6	Fuel Handling & Storage system					
2.3.7	Ash Handling System					
2.3.8	Coal Handling Plant					
2.3.9	Rolling Stock and Locomotives					
2.3.10	MGR					
2.3.11	Air Compressor System					
2.3.12	Air Condition & Ventilation System					
2.3.13	Fire fighting System					
2.3.14	HP/LP Piping					
	<b>Total BOP Mechanical</b>					
2.4	BOP Electrical					
2.4.1	Switch Yard Package					
2.4.2	Transformers Package					
2.4.3	Switch gear Package					
2.4.4	Cables, Cable facilities & grounding					
2.4.5	Lighting					
2.4.6	Emergency D.G. set					
	<b>Total BOP Electrical</b>					
2.5	Control & Instrumentation (C & I) Package					
	<b>Total Plant &amp; Equipment excluding taxes &amp; Duties</b>					
3	<b>Initial Spares</b>					
4	<b>Civil Works</b>					
4.1	Main plant/ Adm. Building					
4.2	CW system					
4.3	Cooling Towers					
4.4	DM water Plant					
4.5	Clarification plant					
4.6	Chlorination plant					
4.7	Fuel handling & Storage system					
4.8	Coal Handling Plant					
4.9	MGR & Marshalling Yard					
4.1	Ash Handling System					
4.11	Ash disposal area development					
4.12	Fire fighting System					
4.13	Township & Colony					
4.14	Temp. construction & enabling works					
4.15	Road & Drainage					
	<b>Total Civil works</b>					
5	<b>Construction &amp; Pre- Commissioning Expenses</b>					
5.1	Erection Testing and commissioning					
5.2	Site supervision					
5.3	Operator's Training					
5.4	Construction Insurance					
5.5	Tools & Plant					
5.6	Startup fuel					
	<b>Total Construction &amp; Pre- Commissioning Expenses</b>					
6	<b>Overheads</b>					
6.1	Establishment					
6.2	Design & Engineering					
6.3	Audit & Accounts					
6.4	Contingency					
	<b>Total Overheads</b>					
7	<b>Capital cost excluding IDC &amp; FC</b>					
8	<b>IDC, FC, FERV &amp; Hedging Cost</b>					
8.1	Interest During Construction (IDC)					
8.2	Financing Charges (FC)					
8.3	Foreign Exchange Rate Variation (FERV)					
8.4	Hedging Cost					
	<b>Total of IDC, FC, FERV &amp; Hedging Cost</b>					
9	<b>Capital cost including IDC, FC, FERV &amp; Hedging Cost</b>					

Shall be provided after the COD of station

\*Submit details of Freehold and Lease hold land

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

98

*(Signature)*  
(Petitioner)

Detail of time over run

Name of the Petitioner                      NTPC LIMITED  
Name of the Generating Station        Khargone STPS (2x660 MW)

S. No	Description of Activity/ Works/ Service	Original Schedule (As per Planning)		Actual Schedule (As per Actual)		Time Over-Run Days	Reasons for delay	Other Activity affected  (Mention S. No. of activity affected)
		Start Date	Completion Date	Actual Start Date	Actual Completion Date			
1	<p>Shall be provided on actual COD of U#1.</p>							
2								
3								
4								
5								
6								
7								
8								
9								
....								
<p>1. Delay on account of each reason in case of time overrun should be quantified and substantiated with necessary documents and supporting workings. 2. Indicate the activities on critical path.</p>								

*Saw*  
(Petitioner)

(91)

Name of the Petitioner  
Name of the Generating Station

NTPC Ltd  
Khargone STPS (2x660 MW)

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

(Amount in Rs. Lakh)

S. No.	Particulars	As on relevant date		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening Gross Block Amount as per books			
	b) Amount of IDC in A(a) above			
	c) Amount of FC in A(a) above			
	d) Amount of FERV in A(a) above			
	e) Amount of Hedging Cost in A(a) above			
	f) Amount of IEDC in A(a) above			
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			

To be filed at the time of actual  
COD/truing-up.

**Note:**

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

(92)

(Petitioner) *S. W. .*

Name of the Petitioner  
Name of the Generating Station

NTPC Ltd  
Khargone STPS (2x660 MW)

**Statement of Capital Woks in Progress**

(To be given for relevant dates and year wise)

(Amount in Rs. Lakh)

S. No.	Particulars	As on relevant date		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening CWIP as per books			
	b) Amount of IDC in A(a) above			
	c) Amount of FC in A(a) above			
	d) Amount of FERV in A(a) above			
	e) Amount of Hedging Cost in A(a) above			
	f) Amount of IEDC in A(a) above			
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 du			
	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			

To be filed at the time of actual  
COD/truing-up.

**Note:**

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

93

S. W.  
(Petitioner)

Calculation of Interest on Normative Loan

Name of the Petitioner

NTPC Limited

Name of the Generating Station

Khargone STPS (2x660 MW)

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2018-19	2019-20 (30.08.2019 to 27.02.2020)	2019-20 (28.02.2020 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8	9
1	Gross Normative loan – Opening		4,24,273.09	6,94,770.42	7,13,670.42	7,19,970.42	7,26,060.42	7,26,060.42
2	Cumulative repayment of Normative loan up to previous year		0	12,435.16	17,023.45	68,822.20	1,21,068.61	1,73,535.06
3	Net Normative loan – Opening		4,24,273.09	6,82,335.26	6,96,646.97	6,51,148.22	6,04,991.81	5,52,525.36
	<b>Add-Cap</b>		-	27,000.00	9,000.00	8,700.00	-	-
4	Add: Increase due to addition during the year / period		-	18,900.00	6,300.00	6,090.00	-	-
5	Less: Decrease due to de-capitalisation during the year / period							
6	Less: Decrease due to reversal during the year / period							
7	Add: Increase due to discharges during the year / period							
	Less: Repayment of Loan		12,435.16	4,588.28	51,798.75	52,246.41	52,466.45	52,466.45
8	Net Normative loan - Closing		4,11,837.93	6,96,646.97	6,51,148.22	6,04,991.81	5,52,525.36	5,00,058.92
9	Average Normative loan		4,18,055.51	6,89,491.11	6,73,897.60	6,28,070.02	5,78,758.59	5,26,292.14
10	Weighted average rate of interest		5.769%	5.785%	5.827%	5.857%	5.756%	5.544%
11	Interest on Loan		24,118.95	39,889.21	39,266.60	36,785.91	33,314.30	29,179.58

94

(Petitioner) 



**Calculation of Interest on Working Capital**

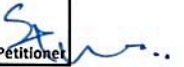
PART 1  
FORM-O

Name of the Petitioner: NTPC Limited  
Name of the Generating Station: Khargone STPS (2x660 MW)

S. No.	Particulars		Existing 2018-19	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.20120 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
1	2		3	4		5	6	7	8
1	Cost of Coal/Lignite1	50 days		18498.28	36996.57	36996.57	36996.57	36996.57	36996.57
2	Cost of Main Secondary Fuel Oil1	2 month		213.05	426.10	424.94	424.94	424.94	426.10
3	Fuel Cost2								
4	Liquid Fuel Stock2								
5	O & M Expenses	1 month		1213.30	2426.59	2504.69	2586.09	2669.69	2756.59
6	Maintenance Spares	20% of O&M		2911.91	5823.82	6011.26	6206.62	6407.26	6615.82
7	Receivables	45 days		30249.81	56836.47	57119.83	57054.37	56808.62	56427.21
8	Total Working Capital			53086.35	102509.56	103057.30	103268.59	103307.08	103222.30
9	Rate of Interest			12.05%	12.05%	12.05%	12.05%	12.05%	12.05%
10	Interest on Working Capital			6,396.91	12,352.40	12,418.40	12,443.87	12,448.50	12,438.29

**Note:**

1. For Coal based/Lignite based generating stations
2. For Gas Turbine/Combined Cycle generating stations duly taking into account the annual mode of operation (last available) on gas fuel and liquid fuel.

  
Petitioner

95

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

Name of the Petitioner

NTPC Limited

Name of the Generating Station

Khargone STPS

(Amount in Rs. Lakh)

Sl.No.	Parameters	As on Scheduled COD	As on anticipated COD
A	<b>Head of Expenses:</b>		
1	Employees' Benefits Expenses	16,158.35	22,683.33
2	Water Charges	-	
3	Communication Expenses	184.08	283.34
4	Power Charges	818.40	1,111.49
5	Other Office and Administrative Expenses	35,807.29	48,386.51
6	Others (Please Specify Details)	-	
7	Other Pre-Operating Expenses	-	
10	<b>Total Expenses</b>	<b>52,968.12</b>	<b>72,464.67</b>
11	Less: Income from sale of tenders	0.92	1.38
12	Less: Income from guest house	0.10	0.20
13	Less: Income recovered from Contractors	223.30	346.00
14	Less: Interest on Deposits	-	0.00
15	Less: Misc Receipts	90.83	117.68

  
 (Petitioner)



NTPC Ltd  
Quarterly Debt Equity Ratio for Khargone

Form 14A

Form -R

(Rs. crore)

Qtr Ended on	Expr. During Qtr	Cumulative Expr. Upto the end of Qtr	Debt Applied (Dom Borr and Bonds)	Repayments of DB & Bonds	Cumulative debt applied (DB & Bonds)	Debt Applied (ECB)	ERV	Cumulative debt applied (ECB)	Cumulative debt applied (Total)	Debt Equity Ratio
31-03-2015	634.33	634.33	450.00	-	450.00	474.28	5.08	479.36	929.36	147:-47
30-06-2015	652.58	1,286.91	-	-	450.00	-	-	479.36	929.36	72:28
30-09-2015	29.03	1,315.94	-	-	450.00	-	-	479.36	929.36	71:29
31-12-2015	42.90	1,358.84	35.00	-	485.00	-	-	479.36	964.36	71:29
31-03-2016	193.20	1,552.04	44.00	-	529.00	32.29	27.31	538.96	1,067.96	69:31
30-06-2016	63.50	1,615.54	55.00	-	584.00	-	-	538.96	1,122.96	70:30
30-09-2016	230.11	1,845.65	170.00	-	754.00	-	-	538.96	1,292.96	70:30
31-12-2016	260.38	2,106.03	341.00	-	1,095.00	-	-	538.96	1,633.96	78:22
31-03-2017	560.14	2,666.17	-	-	1,095.00	380.16	(20.22)	898.90	1,993.90	75:25
30-06-2017	314.06	2,980.23	-	-	1,095.00	268.92	-	1,167.82	2,262.82	76:24
30-09-2017	398.60	3,378.83	89.68	-	1,184.68	-	-	1,167.82	2,352.50	70:30
31-12-2017	575.11	3,953.94	145.00	-	1,329.68	388.23	-	1,556.05	2,885.73	73:27
31-03-2018	1,128.89	5,082.83	392.00	-	1,721.68	475.67	90.35	2,122.07	3,843.75	76:24
30-06-2018	413.06	5,495.89	155.00	-	1,876.68	-	-	2,122.07	3,998.75	73:27
30-09-2018	501.38	5,997.27	210.00	-	2,086.68	-	-	2,122.07	4,208.75	70:30
31-12-2018	696.63	6,693.90	543.00	50.00	2,579.68	-	-	2,122.07	4,701.75	70:30
31-03-2019	918.14	7,612.04	200.00	-	2,779.68	412.55	54.28	2,588.90	5,368.58	71:29
30-06-2019	515.49	8,127.53	-	-	2,779.68	237.58	29.67	2,856.15	5,635.83	69:31
			2,829.68	50.00		2,669.68	186.47			

97

Stu...

Statement of Liability Flow

Name of the Petitioner : NTPC Limited

Name of the Generating Station :Khargone STPS (2x660 MW)

(Amount in Rs Lakh)

Party	Asset / Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2019	Discharges (Year wise)	Reversal (Year wise)
-------	--------------	-------------------------------	--------------------	----------------------------	------------------------	----------------------

Liability details Shall be provided on actual COD of U#1

*Spur*  
(Petitioner)

98

Summary of issue involved in the petition							PART 1 FORM-T
1	Petitioner: NTPC Limited						
2	Subject: Determination of Tariff for Khargone STPS (2x660 MW) from anticipated COD of U#1(660 MW) to 31.03.2024.						
3	<p>Prayer: i) Approve / determine the capital cost and tariff of Khargone STPS for 2019-24 Tariff Block, taking into account the submissions made herein above, in the Forms and Annexures filed herewith permitting the Petitioner to recover Annual Fixed Cost.</p> <p>ii) Grant interim order to facilitate billing and allow the Petitioner to provisionally charge tariff from its actual date of Commercial Operation as per this petition till the time the tariff for Khargone STPS (2 X 660 MW) is determined by Hon'ble Commission.</p> <p>iii) Grant liberty to the petitioner to approach the Hon'ble Commission seeking in-principle approval for implementation of various systems in the instant station to comply with revised emission standards.</p> <p>iv) Grant liberty to the petitioner to approach the Hon'ble Commission for claiming the Ash Transportation Charges (under O&amp;M expenses) as part of Annual Fixed Charges (AFC).</p> <p>v) Allow the recovery of filing fees as &amp; when paid to the Hon'ble Commission and the publication expenses from the beneficiaries.</p> <p>vi) Pass any other order as it may deem fit in the circumstances mentioned above.</p>						
4	Respondents						
	Seven(7) no. respondents						
	Name of Respondents						
5	1.MSEDCL, Maharashtra 2.GUVNL, Gujarat 3.MPPMCL, Madhya Pradesh 4. CSPDCL, Chhattisgarh 5.Electricity Deptt, Goa 6.Electricity Deptt, DD 7. DNH Power Distribution Corporation Ltd-DNH						
	Cost (Approved cost) (In Rs Crore)			11148.86			
	Commissioning						
	Claim	2019-20 (30.09.2019 to 27.02.2020)	2019-20 (28.02.20120 to 31.03.2020)	2020-21	2021-22	2022-23	2023-24
	AFC (Rs Lakh)	109346.02	188898.48	191203.16	190670.73	188671.95	185569.82
	Capital cost	U#1: Rs5904.68 Crore			U#2: Rs 9768.94 Crore		
	Initial spare	N.A.					
	NAPAF (Gen)	85%					
	Any Specific						

Signature  
Petitioner

99

Annexure - A



No. 5/9/2017-Th-II  
Government of India  
Ministry of Power  
\*\*\*

Shram Shakti Bhawan, Rafi Marg,  
New Delhi dated 17<sup>th</sup> July, 2017

To,

1. The Chairperson,  
Central Electricity Authority,  
Sewa Bhawan,  
R.K.Puram,  
New Delhi-110066.
2. The Chairman & Managing Director,  
NTPC Limited,  
Scope Complex, Lodhi Road  
New Delhi-110003
3. The Member Secretary,  
Western Regional Power Committee  
F-3, MIDC Area, Marol  
Opp. SEEPZ, Central Road,  
Andheri (East), Mumbai-400093

Sub: Allocation of Power from Khargone STPP (2x660 MW) project of NTPC-reg.

Sir,

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

WESTERN REGION	NET SHARE (MW)	% OF INSTALLED CAPACITY
GUJARAT	245.54	18.60
M.P	660.00	50.00
CHHATISGARH	125.74	9.53
MAHARASHTRA	50.00	3.79
GOA	11.75	0.89
DAMAN & DIU	12.14	0.92
D&N HAVELI	16.83	1.27
UNALLOCATED	198.00	15.00
TOTAL (WR)	1320.00	100.00

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

100

Stu...

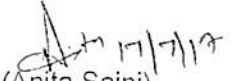
17/7/17

Issued

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

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

Yours faithfully,

  
(Anita Saini)

Under Secretary to the Govt. Of India  
Tele: 2371-9710

Copy to:

1. Chief Secretary, Government of Gujarat
2. Chief Secretary, Government of Madhya Pradesh
3. Chief Secretary, Government of Chhattisgarh
4. Chief Secretary, Government of Maharashtra
5. Chief Secretary, Government of Goa
6. Chief Secretary, UTs of Daman and Diu and D & N Haveli



Copy also to:

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

101

Annexure - B

**EXTRACTS FROM THE MINUTES OF 417<sup>TH</sup> MEETING OF THE BOARD OF DIRECTORS HELD ON WEDNESDAY, 25<sup>TH</sup> FEBRUARY 2015.**

**9369 Item No.417.2.15 Khargone STPP (2x660 MW) - Investment approval**

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

The Board, after discussions, passed the following resolution:

Resolved that the investment proposal for Khargone Super Thermal Power Project (2x660 MW) at SBI Capital Markets Limited (SBI Caps) appraised Current Estimated Cost of Rs. 9870.51 Crore including Interest During Construction (IDC) and Financing Charges (FC) of Rs. 1353.64 Crore and Working Capital Margin (WCM) of Rs. 262.21 Crore as of I Qtr.'2015 price level and corresponding Indicative Estimated Completed Cost of Rs. 11148.86 Crore including IDC and FC of Rs. 1464.78 Crore and WCM of Rs. 272.21 Crore, as per the memorandum submitted before the Board of Directors, be and is hereby approved subject to Environmental Clearance of Ministry of Environment and Forests (MOEF).

Further resolved that the date of Investment approval shall be reckoned from the date of Environmental Clearance of Ministry of Environment and Forests (MOEF).

XXXXX

*[Handwritten signature]*

CERTIFIED TRUE COPY

*Nandini Sarkar*

102

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





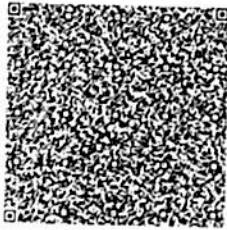
सत्यमेव जयते

# INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

## e-Stamp

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



Please write or type below this line.

## SUB-DELEGATION OF AUTHORITY

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

### Statutory Alert:

1. The authenticity of this Stamp Certificate should be verified at [www.shclstamp.com](http://www.shclstamp.com). Any discrepancy in the details on this Certificate and as available on the website renders it invalid.
2. The onus of checking the legitimacy is on the users of this certificate.
3. In case of any discrepancy please inform the Competent Authority.

Page 1 of 2

103

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

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

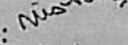


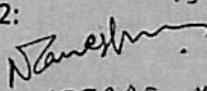
Rajnish Bhagat  
Executive Director (Commercial)  
NTPC Ltd.

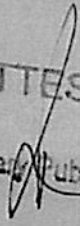


Place: New Delhi

Date: 08/01/2019

Witness 1:   
(NIRHARIT GUPTA)  
Manager (Law) NTPC  
E.No-045047

Witness 2:   
NEERAJ KUMAR  
Manager (Comm), NTPC  
Emp No: 101218

ATTESTED  
  
Notary Public Delhi

8 JAN 2019 Page 2 of 2

104





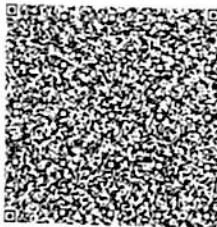
सत्यमेव जयते

# INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

## e-Stamp

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



.....Please write or type below this line.....

### GENERAL POWER OF ATTORNEY

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

W



#### Statutory Alert:

1. The authenticity of this Stamp Certificate should be verified at 'www.sholestamp.com'. Any use of this Certificate and its availability on the website renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

105

Stm.

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



106

*Sham...*

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

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

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

*Faint watermark text: NTPC Limited, New Delhi*

Signed for and on behalf of  
NTPC Limited

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

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

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



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

**ATTESTED**  
*Shari*  
**NOTARY PUBLIC**  
DELHI (INDIA)

26 DEC 2018

107

*Spur...*



एनटीपीसी लिमिटेड

(भारत सरकार का उद्यम)

**NTPC Limited**

(A Govt. of India Enterprise)

कैन्द्रीय कार्यालय / Corporate Centre

**EXTRACTS FROM THE MINUTES OF 362<sup>nd</sup> MEETING OF THE BOARD OF DIRECTORS HELD ON MONDAY, JANUARY 31, 2011, NEW DELHI AND AS MODIFIED AT THE 363<sup>RD</sup> MEETING OF THE BOARD OF DIRECTORS HELD ON 24TH FEBRUARY, 2011 AT NEW DELHI**

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

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

The Board, after discussions, passed the following resolution:

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

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

नन्दिनी सरकार  
(NANDINI SARKAR)

अति. कंपनी सचिव

Additional Company Secretary

एनटीपीसी लिमिटेड / NTPC Limited

NTPC Bhawan, SCOPE Complex

7, Institutional Area, Lodhi Road, New Delhi

कारपोरेट पहचान नम्बर : L40101DL1975GOI007966, टेलीफोन नं.: 011-24387333, फैक्स नं.: 011-24361018, ईमेल: ntpccc@ntpc.co.in, वेबसाइट: www.ntpc.co.in

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

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

108

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

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

\*\*\*\*\*

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

Certified True Copy

Nandini Sarkar

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

(109)

S...