

PETITION NO.....



A Maharatna Company

**NATIONAL CAPITAL THERMAL POWER STATION
STAGE-II**

(2X490 MW)

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

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of **National Capital Thermal Power Station, Stage-II (980 MW) for the period from 01.04.2019 to 31.03.2024.**

INDEX

Sl. No.	Description	Page No.
1	Petition for Approval of Tariff of NCTPS II for the period from 01.04.2019 to 31.03.2024	1-8
2	Affidavit	9-10
3	Appendix-I	11-91
4	Annexure-A	92

S.P.W.

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of **National Capital Thermal Power Station, Stage-II (980 MW) for the period from 01.04.2019 to 31.03.2024.**

AND
IN THE MATTER OF

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

Respondents:

1. Uttar Pradesh Power Corp. Ltd. (UPPCL)
Shakti Bhawan
14, Ashok Marg
Lucknow – 226 001
2. Tata Power Delhi Distribution Ltd. (TPDDL)
Grid Substation, Hudson Road
Kingsway Camp
Delhi – 110009
3. BSES Rajdhani Power Ltd. (BRPL)
BSES Bhawan, Nehru Place
New Delhi – 110019
4. BSES Yamuna Power Ltd. (BYPL)
Shakti Kiran Building
Karkardooma
Delhi- 110092



The Petitioner humbly states that:

- 1) The Petitioner herein NTPC Ltd. (hereinafter referred to as '**Petitioner**' or '**NTPC**'), is a company incorporated under provisions of the Company Act, 1956 and a Government Company as defined under Section 2(45) of the Companies Act, 2013. Further, NTPC is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.
- 2) In terms of Section 79(1)(a) of Electricity Act, 2003, the Hon'ble Commission has been vested with the functions to regulate the tariff of NTPC, being a Generating Company owned and controlled by the Central Government. The regulation of the tariff of NTPC is as provided under Section 79(1)(a) read with Section 61, 62 and 64 of the Electricity Act, 2003 and the Regulations notified by the Hon'ble Commission in exercise of powers under Section 178 read with Section 61 of the Electricity Act, 2003.
- 3) The Petitioner is having power stations/ projects at different regions and places in the country. National Capital Thermal Power Station, Stage-II (980 MW) (hereinafter referred to as NCTPS-St II) is one such station located in the State of Uttar Pradesh (UP). The power generated from NCTPS-St II is being supplied to the respondents herein above.
- 4) The Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 (hereinafter 'Tariff Regulations 2019') which came into force from 01.04.2019, specifying the terms & conditions and methodology of tariff determination for the period 01.04.2019 to 31.03.2024.
- 5) Regulation 9(2) of Tariff Regulations 2019 provides as follows:
"(2) In case of an existing generating station or unit thereof, or transmission system or element thereof, the application shall be made by the generating company or the transmission licensee, as the case may be, by 31.10.2019, based on admitted capital cost including additional capital expenditure already admitted and incurred up to 31.3.2019 (either based on actual or projected additional capital expenditure) and estimated additional capital expenditure for the respective years of the tariff period 2019-24 along



with the true up petition for the period 2014-19 in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2014."

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

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

- 6) Hon'ble Commission vide order dated 02.05.2017 in Petition No. 324/GT/2014 determined the tariff for NCTPS-St II and Dadri Loni dedicated transmission line (Dadri Loni Transmission Line tariff has been determined as a separate stream from the tariff of generating station) for the tariff period 1.4.2014 to 31.3.2019 in accordance with the CERC (Terms & Conditions of Tariff) Regulations 2014. The petitioner vide affidavit dated 03.01.2020 had filed a separate true up petition for the period 01.04.2014 to 31.03.2019 for revision of tariff in line with the applicable provisions of Tariff Regulations 2014.

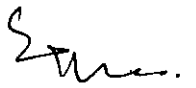
It is submitted that Hon'ble Commission vide order dated 02.05.2017 in Petition no 324/GT/2014 has allowed a capital cost of Rs 4975.5131 Cr and Rs 105.8353 Cr for NCTPS-II and Dadri Loni Transmission Line respectively as on 31.03.2019 based on the admitted projected capital expenditure for the 2014-19 period. However, the actual closing capital cost as on 31.03.2019 for NCTPS-II and Dadri Loni Transmission Line has been worked out in the foresaid true-up petition as Rs. 4981.3261 Cr and Rs 112.0357 respectively based on the actual expenditure after truing up exercise for the period 2014-19. Accordingly, the Petitioner has adjusted an amount of Rs. 5.8130 Cr and Rs 6.2004 Cr for NCTPS-II and Dadri Loni Transmission Line respectively from the admitted capital cost as on 31.03.2019 and accordingly the opening capital cost as on 01.04.2019 has been considered as Rs. 4981.3261 Cr and Rs 112.0357 respectively in the instant petition. The Hon'ble Commission may be pleased to accordingly adopt this adjustment in the admitted capital cost as on 31.3.2019 and determine the tariff in the present petition for the period 2019-24.



- 7) The capital expenditure claimed in the instant petition is based on the opening capital cost as on 01.04.2019 considered as above and projected estimated capital expenditures for the period 2019-24 under Regulation 19 and Regulation 25 & 26 of the Tariff Regulations, 2019.
- 8) The Petitioner further respectfully submits that as per Regulation 35(1)(6) of the Tariff Regulations 2019, the water charges, security expenses and capital spares consumed for thermal generating stations are to be allowed separately. The details in respect of water charges such as type of cooling water system, water consumption, rate of water charges as applicable for 2019-20 have been furnished below. Accordingly, water charges may be allowed in tariff based on the same for the 2019-24. In accordance with provision of the Regulations, the petitioner shall be furnishing the details of actual for the relevant year at the time of truing up and the same shall be subject to retrospective adjustment.

Description	Remarks
Type of Plant	Coal
Type of cooling water system	Closed Cycle
Consumption of Water	485374 (1000 cft)
Rate of Water charges (Including Royalty)	Rs 32.03/1000cft
Total Water Charges	155.48 Lacs

- 9) Similarly, the Petitioner is claiming the security expenses based on the estimated expenses for the period 2019-24, the same shall be subject to retrospective adjustment based on actuals at the time of truing up. In respect of capital spares consumption, it is submitted that the same shall be claimed at the time of true-up in terms of the proviso to the Regulation 35 (1)(6) based on actual consumption of spares during the period 2019-24.
- 10) The present petition is filed on the basis of norms specified in the Tariff Regulations 2019. It is submitted that the petitioner is in the process of installing the Emission Control

4 

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

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

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

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

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

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

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



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

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

- 12) It is submitted that Hon'ble Commission has prescribed boiler efficiency and turbine heat rate separately for deriving the unit heat rate where the Unit Heat Rate is not guaranteed by the suppliers. It is submitted that the instant station was envisaged during the year 2006 and equipments including SG and TG specifications for tendering / award was stipulated considering the boiler efficiency and the turbine heat rate prescribed by the Hon'ble Commission in the Tariff Regulations at that time. Based on the same the equipments were ordered through competitive bidding. It was not possible for the petitioner to specify the efficiency parameters at the time of finalizing the contracts on the instant station as per the efficiency parameters specified in the subsequent Tariff Regulations and tariff regulations 2019-24 which are more stringent. .

In a similar case, Hon'ble Commission in its order dated 20.02.2014 in Petition No. 160/GT/2012 has considered the design parameters for computing Gross Heat Rate of the station with appropriate operating margin and has stated as under:

"161. As per the guaranteed turbine cycle heat rate of 1945 kCal/kWh and boiler efficiency of 88.5% along with the deviation of 6.5 % as per the 2009 Tariff Regulations, the Gross Heat Rate works out to 2340.59 kcal/kWh. Without the margin of Auxiliary consumption of 6.5%, the Gross Heat Rate works out as 2197.74 kcal/kWh. In light of this, achieving a GSHR of 2220 kcal/kWh as per submission of the respondents 1 to 6 is not possible. Also, the EPC contract was

finalized in 2006 and there was no possibility for the petitioner to specify the Station Heat Rate as per the 2009 Tariff Regulations. In view of above, we consider a GSHR of 2340.59 kCal/kWh based on guaranteed turbine cycle heat rate 1945 kCal/kWh and boiler efficiency of 88.5% with a deviation of 6.5 % from the guaranteed design value."

Further, if the Petitioner had stipulated more stringent unit heat rate this would have increased the capital cost commensurate to the efficiency parameters sought. The benefit of the lower capital cost due to lower efficiency parameters has already been passed onto the beneficiaries in terms of lower capital cost. If now the boiler efficiency for working out the normative heat rate is considered as 86% instead of the actual design efficiency of 85.34 % the unit heat rate would be worked out to be 2268.57 kcal/kwh and the operating margin available over the design heat rate would be around 4% only which is less than the operating margin of 5% allowed in the Tariff Regulations 2019. Moreover, it is submitted that boiler efficiency is largely a function of coal quality. In view of above submissions it is prayed that Gross Station Heat rate may be allowed based on guaranteed turbine cycle heat rate of 1936 and boiler efficiency of 85.34% with operating margin of 5 % from the guaranteed design value. The tariff computation attached at Appendix-I is based on considering Station Heat Rate as per design heat rate with applicable operating margin of 5%.

- 13) It is submitted that the Petitioner has already paid the requisite filing fee vide UTR No. CMS1106438370 on 22.04.2019 for the year 2019-20 and the details of the same have been duly furnished to the Hon'ble Commission vide our letter dtd. 25.04.2019. For the subsequent years, it shall be paid as per the provisions of the CERC (Payment of Fees) Regulations, 2012 as amended. Further Regulation 70 (1) of Tariff Regulations 2019 provides that the application fee and publication expenses may be allowed to be recovered directly from the beneficiaries at the discretion of the Hon'ble Commission. Accordingly, it is prayed that Hon'ble Commission may be pleased to allow recover filing fee and publication fee directly from the beneficiaries.
- 14) The petitioner has accordingly calculated the tariff for 2019-24 period based on the above and the same is enclosed as **Appendix-I** to this petition.

- 15) It is submitted the Petitioner has served the copy of the Petition on to the Respondents mentioned herein above and has posted the Petition on the company website i.e. www.ntpc.co.in
- 16) It is submitted that the petitioner is filing this tariff petition subject to the outcome of its various appeals/ petitions pending before different courts. Besides, the petitions filed by NTPC for determination of capital base as on 31.3.2014 through true-up exercise are pending before the Hon'ble Commission and would take some time. The Petitioner, therefore, reserves its right to amend the tariff petition as per the outcome in such appeals/ petitions, if required.

Prayers

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

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


Petitioner

BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO:

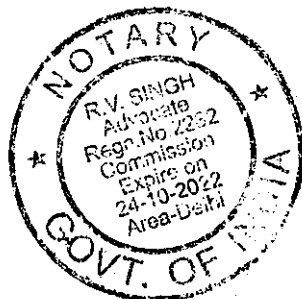
IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of **National Capital Thermal Power Station Dadri, Stage-II** for the period from 01.04.2019 to 31.03.2024.

AND

IN THE MATTER OF

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

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



.....
and Others

+

A handwritten signature in black ink, appearing to be 'S. V. S.' or similar.

AFFIDAVIT

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

1. That I am the Additional General Manager (Commercial) in Petitioner Corporation NTPC Ltd. and am well conversant with the facts of the case and am competent to swear the present affidavit.

2. The statement made in the accompanying Petition for approval of tariff of **National Capital Thermal Power Station, Stage-II (980 MW)** for the period from 01.04.2014 to 31.03.2019 are based on the official records maintained during the ordinary course of business and believed by the deponent to be true.

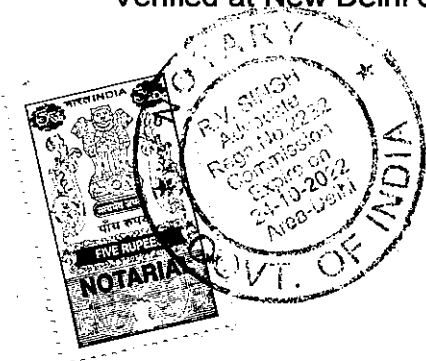

Deponent

Verification

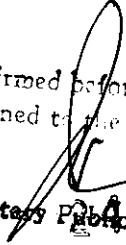
I, the deponent above named, do hereby verify that the contents of the above affidavit are true to the best of my knowledge, no part of it is false and nothing material has been concealed there from.

Verified at New Delhi on this 24th January 2020


Deponent



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


Notary Public, DELHI 24 JAN 2020

24 JAN 2020

TARIFF FILING FORMS (THERMAL)

FOR DETERMINATION OF TARIFF

FOR

NCTPS St-II

(From 01.04.2019 to 31.03.2024)

PART-I

ANNEXURE-I

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

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM- 1	Summary of Tariff	✓
FORM -1 (I)	Statement showing claimed capital cost	✓
FORM -1 (II)	Statement showing Return on Equity	✓
FORM-2	Plant Characteristics	✓
FORM-3	Normative parameters considered for tariff computations	✓
FORM-3A**	Statement showing O&M Expenses	✓
FORM-3B**	Statement of Special Allowance	✓
FORM- 4	Details of Foreign loans	NA
FORM- 4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	✓
FORM-5A**	Abstract of Claimed Capital Cost for the existing Projects	✓
FORM- 6	Financial Package upto COD	NA
FORM- 7	Details of Project Specific Loans	NA
FORM- 8	Details of Allocation of corporate loans to various projects	✓
FORM-9A**	Summary of Statement of Additional Capitalisation claimed during the period	✓
FORM-9 ##	Statement of Additional Capitalisation after COD	✓
FORM- 10	Financing of Additional Capitalisation	✓
FORM- 11	Calculation of Depreciation on original project cost	✓
FORM- 12	Statement of Depreciation	✓
FORM- 13	Calculation of Weighted Average Rate of Interest on Actual Loans	✓
FORM- 14	Draw Down Schedule for Calculation of IDC & Financing Charges	NA
FORM- 15	Details of Fuel for Computation of Energy Charges	✓
FORM- 15A	Details of Secondday Fuel for Computation of Energy Charges	✓
FORM- 15B	Computation of Energy Charges	✓
FORM- 16	Details of Limestone for Computation of Energy Charge Rate	NA
FORM-17	Details of Capital Spares	***
FORM- 18	Non-Tariff Income	***
FORM-19	Details of Water Charges	***
FORM-20	Details of Statutory Charges	***

Provided yearwise for the period 2019-24

PART-I

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

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

** Additional Forms

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

Saw

List of supporting documents for tariff filing for Thermal Stations

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

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

Stu...

Summary of Tariff

Name of the Petitioner:		NTPC Limited								
Name of the Generating Station:		NCTPS St-II								
Place (Region/District/State):		Northern Region/ Gautam Budh Nagar/ Uttar Pradesh								
S. No.	Particulars	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	Amount in Rs. Lakhs	
									4	5
1	2	3								
1.1	Depreciation	Rs Lakh	25,128.95	25,135.77	25,177.96	25,283.21	26,607.79	14,140.36		
1.2	Interest on Loan	Rs Lakh	13,087.27	11,060.00	8,976.61	6,774.67	6,023.56	5,652.87		
1.3	Return on Equity	Rs Lakh	30,477.21	28,971.89	28,999.36	29,067.14	30,560.30	32,011.62		
1.4	Interest on Working Capital	Rs Lakh	12,997.41	9,883.99	9,907.16	9,928.67	10,014.83	9,897.21		
1.5	O&M Expenses	Rs Lakh	24,828.48	23948.90	24945.24	25992.80	27098.61	28258.77		
1.6	Special Allowance (If applicable)	Rs Lakh								
1.7	Compensation Allowance (If applicable - relevant for column 4 only)	Rs. Lakh								
	Total	Rs Lakh	106519.32	99000.55	98006.33	97046.50	100305.09	89960.83		
2.1	Landed Fuel Cost (coal/gas/RLNG/ liquid) as per FSA	Rs/Ton								5135.17
	(%) of Fuel Quantity	(%)								
2.2	Landed Fuel Cost Imported Coal									
	(%) of Fuel Quantity									
2.3	Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA	Rs/Ton								NA
	(%) of Fuel Quantity	(%)								
2.4	Landed Fuel Cost Imported Coal other than FSA.									
	(%) of Fuel Quantity									
2.5	Secondary fuel oil cost	Rs/Unit								0.023
	Energy Charge Rate ex-bus (Paise/(kWh) 2A, 2B, 2C, 2D	Rs/Unit								3.520

(Petitioner)

Summary Sheet

Name of the Petitioner
NTPC Ltd
Name of the region
Northern Region
Name of the Power Station
NCTPS-II, Dadri
Name of the transmission element
Dadri-Loni Road 400 KV D/C line

S.N o.	Particulars	Form No.	Existing 2018-19*	Amount in Rs Lakh				
				2019-20	2020-21	2021-22	2022-23	2023-24
1	2		4	5	6	7	8	9
1.1	Depreciation	Form-12 A	591.55	591.55	591.55	591.55	591.55	591.55
1.2	Interest on Loan	Form-N A (II)	479.59	434.10	386.03	329.96	273.63	216.77
1.3	Return on Equity ¹	Form-1 (A) (II)	664.06	631.26	631.26	631.26	631.26	631.26
1.4	Interest on Working Capital	Form-O B (II)	42.31	27.03	26.38	25.61	24.84	24.06
1.5	O & M Expenses	Form-2 (II) & Form-3 (II)	42.95	46.94	48.60	50.30	52.06	53.87
	Total		1820.46	1730.89	1683.82	1628.68	1573.33	1517.50

*Claimed

(Petitioner)

Name of the Petitioner: NTPC Limited

Name of the Generating Station: NCTPS St-II

Amount in Rs. Lakhs

Statement showing claimed capital cost – (A+B)

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	4,98,132.61	4,98,132.61	4,99,804.59	5,02,304.59	5,52,304.59
2	Add: Addition during the year/period	-	1,671.98	2,500.00	50,000.00	-
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	4,98,132.61	4,99,804.59	5,02,304.59	5,52,304.59	5,52,304.59
7	Average Capital Cost	4,98,132.61	4,98,968.60	5,01,054.59	5,27,304.59	5,52,304.59

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

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	498132.61	498132.61	498132.61	498132.61	548132.61
2	Add: Addition during the year / period	0.00	0.00	0.00	50000.00	0.00
3	Less: De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year / period	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	498132.61	498132.61	498132.61	548132.61	548132.61
7	Average Capital Cost	498132.61	498132.61	498132.61	523132.61	548132.61

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

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	0.00	0.00	1671.98	4171.98	4171.98
2	Add: Addition during the year / period	0.00	1671.98	2500.00	0.00	0.00
3	Less: De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year / period	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	0.00	1671.98	4171.98	4171.98	4171.98
7	Average Capital Cost	0.00	835.99	2921.98	4171.98	4171.98

(Petitioner)

Name of the Petitioner: NTPC Limited

Name of the Generating Station: NCTPS St-II

Statement showing Return on Equity at Normal Rate

S. No.	Particulars	Amount in Rs. Lakhs				
		2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
	Return on Equity					
1	Gross Opening Equity (Normal)	1,49,439.78	1,49,439.78	1,49,439.78	1,49,439.78	164439.7812
2	Less: Adjustment in Opening Equity	-				
3	Adjustment during the year		0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	1,49,439.78	1,49,439.78	1,49,439.78	1,49,439.78	1,64,439.78
5	Add: Increase in equity due to addition during the year / period	0.00	0.00	0.00	15000.00	0.00
7	Less: Decrease due to De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
8	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
9	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00
10	Net closing Equity (Normal)	1,49,439.78	1,49,439.78	1,49,439.78	1,64,439.78	1,64,439.78
11	Average Equity (Normal)	1,49,439.78	1,49,439.78	1,49,439.78	1,56,939.78	1,64,439.78
12	Rate of ROE (%)	19.387	19.387	19.387	19.387	19.387
13	Total ROE	28,971.89	28,971.89	28,971.89	30,425.92	31,879.94


 (Petitioner)

Name of the Petitioner: NTPC Limited

Name of the Generating Station: NCTPS St-II

Statement showing Return on Equity at Normal Rate

Amount in Rs. Lakhs

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
Return on Equity (beyond the original scope of work excluding additional capitalization due to Change in Law)						
1	Gross Opening Equity (Normal)	0.00	0.00	501.59	1251.59	1251.59
2	Less: Adjustment in Opening Equity	0.00	0.00	0.00	0.00	0.00
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	0.00	0.00	501.59	1251.59	1251.59
5	Add: Increase in equity due to addition during the year / period	0.00	501.59	750.00	0.00	0.00
7	Less: Decrease due to De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
8	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
9	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00
10	Net closing Equity (Normal)	0.00	501.59	1251.59	1251.59	1251.59
11	Average Equity (Normal)	0.00	250.80	876.59	1251.59	1251.59
12	Rate of ROE (%)	10.818	10.952	10.866	10.737	10.521
13	Total ROE	0.00	27.47	95.25	134.38	131.68


(Petitioner)

Calculation of Return on Equity

Name of the Company **NTPC Ltd**
 Name of the region **Northern Region**
 Name of the Power Station **NCTPS-II, Dadri**
 Name of the transmission element **Dadri-Loni Road 400 KV D/C line**

S.N o.	Particulars	(Amount in Rs. Lakh)						
		Existing 2018-19*	2019-20	2020-21	2021-22	2022-23	2023-24	
1	2	4	5	6	7	8	9	
1.1	Capital cost	11203.48	11203.57	11203.57	11203.57	11203.57	11203.57	
1.2	Add: Addition during the year / period	0.00						
1.3	Less: Decapitalisation during the year /period							
1.4	Less: Reversal during the year / period							
1.5	Add: Discharges during the year /period	0.09						
2	Closing Capital Cost	11203.57	11203.57	11203.57	11203.57	11203.57	11203.57	
2.1	Equity as on COD	3361.04	3361.07					
2.2	Total Opening Equity	3361.04	3361.07	3361.07	3361.07	3361.07	3361.07	
2.3	Equity for Add Cap	0.03	0.00	0.00	0.00	0.00	0.00	
2.4	Closing Equity	3361.07	3361.07	3361.07	3361.07	3361.07	3361.07	
2.5	Average Equity	3361.06	3361.07	3361.07	3361.07	3361.07	3361.07	
2.6	Return on Equity*	664.06	631.26	631.26	631.26	631.26	631.26	
3	Total	664.06	631.26	631.26	631.26	631.26	631.26	

(Petitioner)

Plant Characteristics

Name of the Petitioner	NTPC Ltd.	
Name of the Generating Station	NCTPS St-II	
	Unit-I	Unit-II
Unit(s)/Block(s)/Parameters		
Installed Capacity (MW)	490	490
Schedule COD as per Investment Approval	31.01.2010	31.07.2010
Actual COD /Date of Taken Over (as applicable)	31.01.2010	31.07.2010
Pit Head or Non Pit Head	Non Pit Head	
Name of the Boiler Manufacture	BHEL	
Name of Turbine Generator Manufacture	BHEL	
Main Steams Pressure at Turbine inlet (kg/Cm²) abs¹.	170	170
Main Steam Temperature at Turbine inlet (°C)¹	537	537
Reheat Steam Pressure at Turbine inlet (kg/Cm²)¹	39.73	39.73
Reheat Steam Temperature at Turbine inlet (°C)¹	565	565
Main Steam flow at Turbine inlet under MCR condition (tons /hr)²	1428.40	1428.40
Main Steam flow at Turbine inlet under VWO condition (tons /hr)²	1544.92	1544.92
Unit Gross electrical output under MCR /Rated condition (MW)²	490	490
Unit Gross electrical output under VWO condition (MW)²	525.06	525.06
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh)³	1936	1936
Conditions on which design turbine cycle heat rate guaranteed		
% MCR	90.4	90.4
% Makeup Water Consumption	0	0
Design Capacity of Make up Water System		
Design Capacity of Inlet Cooling System	2900 m ³ /hr	
Design Cooling Water Temperature (°C)	33	33
Back Pressure	77 mm/Hg (a)	77 mm/Hg (a)
Steam flow at super heater outlet under BMCR condition (tons/hr)	1625	1625
Steam Pressure at super heater outlet under BMCR condition) (kg/Cm²)	178	178
Steam Temperature at super heater outlet under BMCR condition (0C)	540	540
Steam Temperature at Reheater outlet at BMCR condition (°C)	568	568
Design / Guaranteed Boiler Efficiency (%) at 490 MW for Unit-5 & 6	85.34	85.34
Design Fuel with and without Blending of domestic/imported coal	Coal CV 3500	
Type of Cooling Tower	Natural Draft	
Type of cooling system⁵	Closed circuit, natural draft	
Type of Boiler Feed Pump⁶	Steam Turbine Driven	

DETAILS OF TRANSMISSION LINES & COMMUNICATION SYSTEM

Name of the Petitioner
Name of the region
Name of the Power Station
Name of the transmission element

NTPC Ltd
Northern Region
NCTPS-II, Dadri
Dadri-Loni Road 400 KV D/C line

Transmission Lines

S. No.	Name of line	Type of line AC/HVDC	S/C or D/C	No. of Sub-Conductors	Voltage level kv	Line length per Ckt.- km.	Line length (53.065+53.503) / 2 Km	Actual date of Commercial operation (Line/Ckt I)	Actual date of Commercial operation (Line/Ckt II)	Covered in the present petition	
										Yes/No	If No, petition No.
1	Dadri-Loni Road 400 KV D/C line	AC	D/C	2	400 KV	Line-1: 53.065 Line 2: 53.503	53.284	02.08.2014	08.09.2014	Yes	

Communication System

S. No.	Name of Communication System	Type of Communication System – Communication System under ULDC/ SCADA/ WAMS/Fibre Optic Communication System/RTU/PABX etc	Technical Particulars	Number/length	Date of Commercial operation	Covered in the present petition	
						Yes/No	If No, petition No.
1	Fibre Optics	ULDC	Fibre Optics		Existing communication system of Powergrid shall be used.		

(Petitioner)

Normative parameters considered for tariff computations

Name of the Petitioner:	NTPC Limited						
Name of the Generating Station:	NCTPS St-II						
(Year Ending March)							
Particulars	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
Base Rate of Return on Equity \$\$	%	16.00	16.00	16.00	16.00	16.00	16.00
Base Rate of Return on Equity on Add. Capitalization** \$\$	%	-	8.927	9.038	8.967	8.861	8.683
Effective Tax Rate	%	21.5488	17.4720	17.4720	17.4720	17.4720	17.4720
Target Availability	%	85.00	85.00				
In High Demand Season	%	-	-	85.00	85.00	85.00	85.00
Peak Hours	%	-	-	85.00	85.00	85.00	85.00
Off-Peak Hours	%	-	-	85.00	85.00	85.00	85.00
In Low Demand Season(Off-Peak)	%	-	-	85.00	85.00	85.00	85.00
Peak Hours	%	-	-	85.00	85.00	85.00	85.00
Off-Peak Hours	%	-	-	85.00	85.00	85.00	85.00
Auxiliary Energy Consumption	%	5.25	5.75	5.75	5.75	5.75	5.75
Gross Station Heat Rate	kCal/kWh	2378.42	2382.00	2382.00	2382.00	2382.00	2382.00
Specific Fuel Oil Consumption	ml/kWh	0.50	0.50	0.50	0.50	0.50	0.50
Cost of Coal/Lignite for WC1	in Days	60	50	50	50	50	50
Cost of Main Secondary Fuel Oil for WC1	in Months	2	2	2	2	2	2
Fuel Cost for WC2	in Months						
Liquid Fuel Stock for WC2	in Months						
O&M Expenses	Rs lakh/MW	0	22.51	23.3	24.12	24.97	25.84
Maintenance Spares for WC	% of O&M	20.00	20.00	20.00	20.00	20.00	20.00
Receivables for WC	in Days	60	45	45	45	45	45
Storage capacity of Primary fuel	MT	7.03			7.03		
SBI 1 Year MCLR plus 350 basis point3	%	13.50	12.05	12.05	12.05	12.05	12.05
Blending ratio of domestic coal/imported coal							

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

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

S
Petitioner

Normative Parameters considered for Tariff Computation

Name of the Petitioner
Name of the region
Name of the Power Station
Name of the transmission element

Particulars	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	5	6	7	8	9
Base Rate of Return on Equity	%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
Tax Rate	%						
Effective Tax Rate	%	21.549%	17.472%	17.472%	17.472%	17.472%	17.472%
Target Availability	%	98%	98%	98%	98%	98%	98%
Normative O&M per KM	Rs. Lakh/ km	0.806	0.881	0.912	0.944	0.977	1.011
Additional O&M Charges							
Impact due to Pay revision/KM							
Impact due to GST/KM							
Total O&M Expenses/KM		0.806	0.881	0.912	0.944	0.977	1.011
Normative O&M per Bay	Rs. Lakh/ bay						
Spares for WC as % of O&M	% of O&M	15%	15%	15%	15%	15%	15%
Receivables in month for WC	months	2	1.5	1.5	1.5	1.5	1.5
Prime Lending Rate of SBI as on 1st April of the Fin Year 2014-15	%	13.50%	12.05%	12.05%	12.05%	12.05%	12.05%

(Petitioner)

Calculation of O&M Expenses

Name of the Company :	NTPC Limited
Name of the Power Station :	NCTPS St-II

Amount in Rs. Lakhs

S.No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	7	8
1	O&M expenses under Reg.35(1)					
1a	Normative	22059.80	22834.00	23637.60	24470.60	25323.20
2	O&M expenses under Reg.35(6)					
2a	Water Charges	155.48	158.70	161.92	165.14	168.36
2b	Secutiry expenses	1733.62	1952.54	2193.28	2462.87	2767.21
2c	Capital Spares**	0.00	0.00	0.00	0.00	0.00
3	O&M expenses-Ash Transportation**	0.00	0.00	0.00	0.00	0.00
	Total O&M Expenses	23948.90	24945.24	25992.80	27098.61	28258.77

** Shall be provided at the time of truing up

S
Petitioner

Abstract of Admitted Capital Cost for the existing Projects

Name of the Company :	NTPC Limited	
Name of the Power Station :	NCTPS St-II	
Last date of order of Commission for the project	Date (DD-MM-YYYY)	02-05-2017
Reference of petition no. in which the above order was passed	Petition no.	324/GT/2014
Following details (whether admitted and /or considered) as on the last date of the period for which tariff is approved, in the above order by the Commission:		
Capital cost*	(Rs. in lakh)	4,97,551.31
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)		7,775.16
Gross Normative Debt		3,48,285.92
Cumulative Repayment		2,13,669.11
Net Normative Debt		1,34,616.81
Normative Equity		1,49,265.39
Cumulative Depreciation		2,13,955.45
Freehold land		7,941.18

*As on 31.03.2019


 (Petitioner)

Abstract of Admitted Capital Cost for the existing Projects

Name of the Company :		NTPC Limited	
Name of the transmission element		Dadri-Loni Road 400 KV D/C line	
Last date of order of Commission for the project		Date (DD-MM-YYYY)	02-05-2017
Reference of petition no. in which the above order was passed		Petition no.	324/GT/2014
Following details (whether admitted and /or considered) as on the last date of the period for which tariff is approved, in the above order by the Commission:			
Capital cost*			10,583.53
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)			
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)			330.20
Gross Normative Debt		(Rs. in lakh)	7,408.47
Cumulative Repayment			2,576.53
Net Normative Debt			4,831.94
Normative Equity			3,175.06
Cumulative Depreciation			2,576.53
Freehold land			-

*As on 31.03.2019

(Petitioner)

Abstract of Claimed Capital Cost for the existing Projects

Name of the Company : NTPC Limited

Name of the Power Station : NCTPS St-II

Reference of Final True-up Tariff Petition	Affidavit dated	03.01.2020
Capital Cost as on 31.03.2014 as per Hon'ble Commission's Order dated 02.05.2017 In Pet. No. 324/GT/2014	Rs. Lakhs	4,97,551.31
Adjustment as per Para (7) of this petition		581.30
Following details as considered by the Petitioner as on the last date of the period for which final true-up tariff is claimed:		4,98,132.61
Capital cost as on 01.04.2019	(Rs. in lakh)*	498132.61
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)		6746.73
Gross Normative Debt		3,48,692.83
Cumulative Repayment		2,12,232.54
Net Normative Debt		1,36,460.29
Normative Equity		1,49,439.78
Cumulative Depreciation		2,13,371.70
Freehold land		7,941.18


 (Petitioner)

Abstract of Claimed Capital Cost for the existing Projects

Name of the Company :	NTPC Limited	
Name of the transmission element	Dadri-Loni Road 400 KV D/C line	
Reference of Final True-up Tariff Petition	Affidavit dated	03.01.2020
Capital Cost as on 31.03.2019 as per Hon'ble Commission's Order dated 02.05.2017 In Pet. No. 324/GT/2014	Rs. Lakhs	10,583.53
Adjustment as per Para (7) of this petition		620.04
Following details as considered by the Petitioner as on the last date of the period for which final true-up tariff is claimed:		11,203.57
Capital cost as on 01.04.02019	(Rs. in lakh)*	11203.57
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)		80.65
Gross Normative Debt		7,842.50
Cumulative Repayment		2,683.98
Net Normative Debt		5,158.52
Normative Equity		3,361.07
Cumulative Depreciation		2,683.98
Freehold land		-

S
(Petitioner)

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000142

T00001

D00001

Unsecured Loan From Central Bank of India - IV		
Source of Loan :	Central Bank of India - IV	
Currency :	INR	
Amount of Loan :	5,00,00,00,000	
Total Drawn amount :	10,00,00,000	
Date of Drawl	30.06.2009	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	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 :	3 Years	
Moratorium effective from :	30.06.2009	
Repayment Period (Inc Moratorium) :	10 Years	
Repayment Frequency :	14 Half Yearly	
Repayment Type :	Avg	
First Repayment Date :	29.12.2012	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NCTPP-II	10,00,00,000
Total Allocated Amount		10,00,00,000

Su

**Form 8
TRANCHE NO**

BP NO 5050000152

T00001

D00001

Unsecured Loan From IDFC-II		
Source of Loan :	IDFC-II	
Currency :	INR	
Amount of Loan :	3,00,00,00,000	
Total Drawn amount :	50,00,00,000	
Date of Drawl	30.06.2009	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	8.65%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	30.06.2009	
Repayment Period (Inc Moratorium) :	13 Years	
Repayment Frequency :	40 Quarterly	
Repayment Type :	AVG	
First Repayment Date :	29.09.2012	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NCTPP-II	50,00,00,000.00
Total Allocated Amount		50,00,00,000.00

Stu...

**Form 8
TRANCHE NO**

BP NO 507000011

T00001

D00003

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	3,00,00,00,00,000	
Date of Drawl	28.08.2009	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	9.70%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KOLDAM	70,00,00,000.00
	NCTPP-II	95,00,00,000.00
	KORBA-III	50,00,00,000.00
	VINDHYACHAL-IV	25,00,00,000.00
	SIMHADRI-II	60,00,00,000.00
Total Allocated Amount		3,00,00,00,000.00

Stra...

**Form 8
TRANCHE NO**

BP NO 5070000011

T00001

D00005

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	1,50,00,00,00,000	
Date of Drawl	05.10.2009	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	9.50%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NCTPP-II	55,00,00,000.00
	TAPOVAN VISHNUGAD	35,00,00,000.00
	SIMHADRI-II	60,00,00,000.00
Total Allocated Amount		1,50,00,00,000.00

Sg

**Form 8
TRANCHE NO**

BP NO 5070000011

T00001

D00006

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	3,00,00,00,00,000	
Date of Drawl	21.11.2009	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	9.32%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NCTPP-II	1,00,00,00,000.00
	BONGAIGAON	1,00,00,00,000.00
	SIMHADRI-II	1,00,00,00,000.00
Total Allocated Amount		3,00,00,00,000.00

S.P.W.

Form 8
TRANCHE NO

BP NO 5070000011

T00001

D00009

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	1,50,00,00,00,000	
Date of Drawl	28.12.2009	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	9.39%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KOLDAM	50,00,00,000.00
	NCTPP-II	50,00,00,000.00
	TAPOVAN VISHNUGAD	50,00,00,000.00
Total Allocated Amount		1,50,00,00,000.00

S. T.

**Form 8
TRANCHE NO**

BP NO 5070000011

T00001

D00011

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	2,00,00,00,00,000	
Date of Drawl	14.01.2010	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	8.66%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KOLDAM	25,00,00,000.00
	KORBA-III	50,00,00,000.00
	NCTPP-II	25,00,00,000.00
	FARAKKA-III	50,00,00,000.00
	VINDHYACHAL-IV	50,00,00,000.00
Total Allocated Amount		2,00,00,00,000.00

S...

**Form 8
TRANCHE NO**

BP NO 5070000011

T00001

D00016

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	50,00,00,000	
Date of Drawl	25.03.2010	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	8.69%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NCTPP-II	50,00,00,000.00
Total Allocated Amount		50,00,00,000.00

Spw...

**Form 8
TRANCHE NO**

BP NO 5070000011

T00001

D00017

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	1,00,00,00,00,000	
Date of Drawl	26.03.2010	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	8.68%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NCTPP-II	1,00,00,00,000.00
Total Allocated Amount		1,00,00,00,000.00

S. P. ...

**Form 8
TRANCHE NO**

BP NO 5070000011

T00001

D00019

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	3,50,00,00,00,000	
Date of Drawl	21.05.2010	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	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 :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KORBA-III	25,00,00,000.00
	KOLDAM	1,00,00,00,000.00
	NCTPP-DADRI-II	25,00,00,000.00
	SIMHADRI-II	50,00,00,000.00
	BONGAIGAON	50,00,00,000.00
	RIHAND-III	50,00,00,000.00
	SIPAT-I	50,00,00,000.00
Total Allocated Amount		3,50,00,00,000.00

SAW...

41

**Form 8
TRANCHE NO**

BP NO 5070000011

T00001

D00020

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	3,00,00,00,00,000	
Date of Drawl	15.06.2010	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	8.40%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	FARAKKA-III	20,00,00,000.00
	NCTPP-DADRI-II	20,00,00,000.00
	BONGAIGAON	20,00,00,000.00
	BARH-II	60,00,00,000.00
	MAUDA	1,00,00,00,000.00
	VINDHYANCHAL-IV	50,00,00,000.00
	RIHAND-III	10,00,00,000.00
	SIPAT-I	20,00,00,000.00
Total Allocated Amount		3,00,00,00,000.00

Stu.

42

**Form 8
TRANCHE NO**

BP NO 5070000011

T00001

D00022

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	4,00,00,00,00,000	
Date of Drawl	22.11.2010	
Interest Type :	Fixed with Reset after every 3 Years	
Rate of Interest as on 01.04.2019	7.62%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KAHALGAON II	20,00,00,000.00
	KOLDAM	10,00,00,000.00
	FARAKKA III	25,00,00,000.00
	NCTPP-DADRI-II	10,00,00,000.00
	SIMHADRI-II	10,00,00,000.00
	BONGAIGAON	20,00,00,000.00
	BARH-II	55,00,00,000.00
	MAUDA	40,00,00,000.00
	VINDHYACHAL IV	20,00,00,000.00
	RIHAND-III	35,00,00,000.00
	TALCHER-II	30,00,00,000.00
	RIHAND-II	15,00,00,000.00
	VINDHYACHAL III	50,00,00,000.00
	UNCHAHAR-III	20,00,00,000.00
	PAKRI BARWADIH	40,00,00,000.00
Total Allocated Amount		4,00,00,00,000.00

S. P. ...

**Form 8
TRANCHE NO**

BP NO 5070000011

T00001

D00023

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	3,50,00,00,00,000	
Date of Drawl	31.12.2010	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	7.43%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-II	25,00,00,000.00
	MAUDA-I	25,00,00,000.00
	SIMHADRI-II	10,00,00,000.00
	VINDHYACHAL IV	25,00,00,000.00
	RIHAND-III	50,00,00,000.00
	BARH-I	1,00,00,00,000.00
	KOLDAM	10,00,00,000.00
	KORBA-III	25,00,00,000.00
	FARAKKA III	15,00,00,000.00
	NCTPP-DADRI-II	10,00,00,000.00
	TAPOVAN VISHNUGARH	15,00,00,000.00
	BONGAIGAON	40,00,00,000.00
Total Allocated Amount		3,50,00,00,000.00

Signature

44

Form 8
TRANCHE NO

BP NO 5070000011

T00001

D00025

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	1,50,00,00,00,000	
Date of Drawl	17.03.2011	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	7.67%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KOLDAM	25,00,00,000.00
	KORBA-III	25,00,00,000.00
	NCTPP-DADRI-II	40,00,00,000.00
	BONGAIGAON	60,00,00,000.00
Total Allocated Amount		1,50,00,00,000.00

S. P. W.

**Form 8
TRANCHE NO**

BP NO 5070000011

T00001

D00027

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	3,50,00,00,00,000	
Date of Drawl	28.03.2011	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	7.75%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NCTPP-DADRI-II	1,80,00,00,000.00
	VINDHYACHAL IV	90,00,00,000.00
	KOLDAM	45,00,00,000.00
	TTPS R&M	35,00,00,000.00
Total Allocated Amount		3,50,00,00,000.00

Spc

**Form 8
TRANCHE NO**

BP NO 5070000011

T00001

D00031

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	4,00,00,00,00,000	
Date of Drawl	24.09.2011	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	7.44%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KOLDAM	58,00,00,000.00
	TAPOVAN VISHNUGAD	15,00,00,000.00
	FARAKKA-III	48,00,00,000.00
	SIPAT-I	1,20,00,00,000.00
	NCTPP-II	37,00,00,000.00
	BARH-II	40,00,00,000.00
	KORBA-III	62,00,00,000.00
	KAHALGAON-II	15,00,00,000.00
	SIPAT-II	5,00,00,000.00
Total Allocated Amount		4,00,00,00,000.00

Stw...

**Form 8
TRANCHE NO**

BP NO 5070000011

T00001

D00032

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	5,00,00,00,00,000	
Date of Drawl	15.12.2011	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	7.68%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	SIMHADRI-II	82,00,00,000.00
	VINDHYACHAL-IV	50,00,00,000.00
	PAKRI BARWADIH	73,00,00,000.00
	FARAKKA-III	42,00,00,000.00
	NCTPP-II	37,00,00,000.00
	TALCHER STPP-II	34,00,00,000.00
	TAPOVAN VISHNUGAD	48,00,00,000.00
	KOLDAM	97,00,00,000.00
	BADARPUR R&M	30,00,00,000.00
	RIHAND R&M	7,00,00,000.00
Total Allocated Amount		5,00,00,00,000.00

SPU

48

**Form 8
TRANCHE NO**

BP NO 5070000011

T00001

D00037

Unsecured Loan From PFC-V		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	5,00,00,00,00,000	
Date of Drawl	27.03.2012	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	8.25%	
Margin, if Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	26.12.2008	
Repayment Period (Inc Moratorium) :	16 Years	
Repayment Frequency :	48 Quarterly Instalments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NCTPP-II	1,10,00,00,000.00
	MOUDA-I	1,20,00,00,000.00
	VINDHYACHAL-IV	1,45,00,00,000.00
	BARH-II	80,00,00,000.00
	KORBA-III	30,00,00,000.00
	KAHALGAON-II	15,00,00,000.00
Total Allocated Amount		5,00,00,00,000.00

S.P.

**Form 8
TRANCHE NO**

BP NO 5050000192

T00001

D00002

Unsecured Loan From Bank of Syndicate Bank - II		
Source of Loan :	Syndicate Bank - II	
Currency :	INR	
Amount of Loan :	5,00,00,00,000	
Total Drawn amount :	1,55,00,00,000	
Date of Drawl	01.09.2010	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	8.45%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	31.03.2010	
Repayment Period (Inc Moratorium) :	10 Years	
Repayment Frequency :	14 Half Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	30.09.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NCTPP-DADRI-II	1,30,00,00,000.00
	SIMHADRI-II	25,00,00,000.00
Total Allocated Amount		1,55,00,00,000.00

Spu.

**Form 8
TRANCHE NO**

BP NO 505000009 & 231

T00001

D00004

Unsecured Loan From HDFC Bank Ltd.-II		
Source of Loan :	HDFC Bank Ltd.-II	
Currency :	INR	
Amount of Loan :	10,00,00,00,000	
Total Drawn amount :	1,00,00,00,000	
Date of drawl	27.01.2011	
Interest Type :	Floating	
Rate of Interest as on 01.04.2019	8.45%	
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	26.10.2010	
Repayment Period (Inc Moratorium) :	10 Years	
Repayment Frequency :	14 Half Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	26.04.2014	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KAHALGAON II	15,00,00,000
	NCTPP-DADRI-II	40,00,00,000
	TAPOVAN VISHNUGARH	10,00,00,000
	BONGAIGAON	35,00,00,000
Total Allocated Amount		1,00,00,00,000

S. The

**Form 8
TRANCHE NO**

BP NO 5050000442

T00001

D00024

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	11,50,00,00,00,000	
Date of Drawl	14.02.2017	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	0.00%	
Refinancing Spread	0.20%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	14.02.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	3,00,00,00,000
	BONGAIGAON	34,28,57,142
	FARAKKA III	14,28,57,141
	GADARWARA	2,50,00,00,000
	KOLDAM	92,85,71,427
	KORBA-III	2,85,71,428
	KUDGI	1,00,00,00,000
	MOUDA-I	40,71,42,856
	NCTPP-II	15,71,42,855
	NORTH KARANPURA	1,00,00,00,000
	RIHAND-III	32,14,28,570
	SIMHADRI-II	53,28,57,141
	SIPAT-I	21,42,85,711
	SIPAT-II	5,71,42,856
	TAPOVAN VISHNUGAD	50,00,00,000
	VINDHYACHAL IV	32,42,85,714
	PAKRI BARWADIH	4,28,57,159
Total Allocated Amount		11,50,00,00,000

S.P.W.

Form 8
TRANCHE NO
T00001

BP NO 5050000711

D00001

Unsecured Loan From Punjab National Bank-III		
Source of Loan :	Punjab National Bank-III	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	20,00,00,00,000	
Date of Drawl	01.01.2019	
Interest Type :	Floating	
Fixed Interest Rate :		
Rate of Interest as on 01.04.2019	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 :	01.01.2019	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	01.02.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	UNCHAHAR 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
	TALAI PALI COAL MINE	5,00,00,00,000.00
Total Allocated Amount		20,00,00,00,000.00

S. Prasad
53

**Form 8
TRANCHE NO**

BP NO 5050000741

T00001

D00002

Unsecured Loan From SBI-XII		
Source of Loan :	SBI-XII	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	26,35,00,00,000	
Date of Drawal:	18.02.2019	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Rate of Interest as on 01.04.2019	8.35%	
Margin, If Floating Interest :	NIL	
Refinancing Spread	0.10%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	18.02.2019	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2026	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	90,00,00,000.00
	FARAKKA-III	24,50,00,000.00
	GADARWARA	90,00,00,000.00
	KORBA-III	25,00,00,000.00
	LARA	1,00,00,00,000.00
	MOUDA-I	21,00,00,000.00
	MOUDA-II	2,25,00,00,000.00
	NCTPP-II	63,50,00,000.00
	NORTH KARANPURA	10,40,00,00,000.00
	PAKRI BARWADIH CMB	1,20,00,00,000.00
	SIMHADRI-II	21,00,00,000.00
	SOLAPUR	2,40,00,00,000.00
	TELANGANA	75,00,00,000.00
	KUDGI	2,00,00,00,000.00
	BARH-I	50,00,00,000.00
	NORTH KARANPURA	80,00,00,000
	TAPOVAN VISHNUGARH	20,00,00,000
	TELANGANA	1,50,00,00,000
Total Allocated Amount		26,35,00,00,000.00

S...

54

**Form 8
TRANCHE NO**

BP NO 5050000721

T00001

D00001

Unsecured Loan From Corporation Bank-IV		
Source of Loan :	Corporation Bank-IV	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	20,00,00,00,000	
Date of Drawal:	11.01.2019	
Interest Type :	Floating	
Fixed Interest Rate :	8.20%	
Rate of Interest as on 01.04.2019	8.25%	
Margin, If Floating Interest :	-	
Refinancing Spread	0.13%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	11.01.2019	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	11-Jan-23	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	SINGRAULI 8MW HYDRO	8,75,00,000
	FARIDABAD SOLAR PV	8,75,00,000
	SINGRAULI SOLAR	8,75,00,000
	FARAKKA III	11,42,85,716
	RAJGARH SOLAR	13,12,50,000
	NCTPP-II	14,28,57,139
	GANDHAR R&M	16,60,71,436
	SIMHADRI-II	23,21,42,855
	SIPAT-I	23,43,75,000
	MOUDA-II	50,00,00,000
	VINDHYACHAL-V	1,00,00,00,000
	SIPAT-II	1,01,07,14,287
	MOUDA-I	1,05,44,64,284
	RIHAND-III	1,22,85,71,426
	VINDHYACHAL-IV	2,45,00,00,000
	KOLDAM	2,71,51,78,577
	BARH-II	6,75,75,89,280
	KUDGI	2,00,00,00,000
Total Allocated Amount		20,00,00,00,000

S...

55

Form 8- Domestic Bonds- Details of Allocation of corporate loans to various projects

15-07-2014

Particulars	XXII 8.1771%	XXIV 8.6077%	XXVII 11.25%	XXX 7.89%	XXXIII 8.73%	XXXIV 8.71%	XXXV 8.785%	XXXVIII 9.17%	54	57	67
Source of Loan1	BONDS	BONDS	BONDS	BONDS	BONDS	BONDS	BONDS	BONDS	BONDS	BONDS	BONDS
Currency2	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR
Amount of Loan sanctioned	50000	50000	35000	70000	19500	15000	12000	7600	1030683	50000	400000
Interest Type6	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	8.1771%	8.6077%	11.250%	7.890%	8.73%	8.71%	8.785%	9.17%	8.49%	8.19%	8.30%
Base Rate, if Floating Interest7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Margin, if Floating Interest8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Refinancing Spread	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Are there any Caps/Floor9	No	No	No	No	No	No	No	No	No	No	No
If above is yes, specify caps/floor									N/A	N/A	N/A
Moratorium Period10	4.5 yrs *	4.5 yrs *	11 yrs	10 yrs	10 yrs	6 yrs	6 yrs	6 yrs	8	10	10
Moratorium effective from #	02.01.07	09.03.2007	06.11.2008	05.05.09	31.03.10	10.06.2010	15.09.10	22.03.11	25-03-15	15-12-15	15-01-19
Repayment Period11	9.5 yrs	9.5 yrs	5 yrs	Bullet Repayment	Bullet Repayment	14 yrs	14 yrs	14 yrs	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment	Bullet Repayment
Repayment effective from	02.07.11	09.09.11	06.11.19	05.05.19	31.03.20	10.06.16	15.09.16	22.03.2017	25-03-23	15-12-25	15-01-29
Repayment Frequency12	Half Yearly	Half Yearly	Yearly	Bullet Repayment	Bullet Repayment	Yearly	Yearly	Yearly	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment	Bullet Repayment
Repayment Instalment13,14	2500	2500	7000	70000	19500	1000	800	500	Installments 1st - 206,136.61 2nd - 412,273.22 3rd - 412,273.22	50000	400000
Base Exchange Rate18									N/A	N/A	N/A
Door to Door Maturity	14 yrs	14 yrs	15 yrs	10 yrs	10 yrs	20 yrs	20 yrs	20 yrs	10	10	10
Name of the Projects											
Anantpur Solar	-	-	-	-	-	-	-	-	5,600	-	-
Auraiya R & M	-	-	-	-	-	-	-	-	-	1,400	-
Badarpur R&M	-	-	-	-	-	-	-	-	2,300	-	-
BARH I	5,000	10,900	-	-	-	5,300	-	700	74,883	8,900	45,957
BARH II	-	-	-	12,500	-	-	-	-	63,500	-	1,000
BONGAIGAON	-	-	-	6,000	-	-	-	-	54,000	500	38,820
Chatli Bariatu CMB	-	-	-	-	-	-	-	-	8,100	-	-
Dadri Gas R & M	-	-	-	-	-	-	-	-	600	-	-
DARLIPALLI	-	-	-	-	-	-	-	-	49,200	-	-
FARAKKA III	700	-	-	5,000	-	1,200	-	100	10,900	-	-
Farakka R & M	-	-	-	-	-	-	-	-	2,000	-	-
GADARWARA	-	-	-	-	-	-	-	-	81,000	2,000	25,900
Gandhar R & M	-	-	-	-	-	-	-	-	4,300	800	-
Kahalgaon II Phase I	-	6,000	-	-	-	-	-	-	-	-	-
Kahalgaon II Phase II	-	-	-	-	-	-	-	-	1,800	-	-
Khistp R & M	-	-	-	-	-	-	-	-	2,000	500	-
Kawas R & M	-	-	-	-	-	-	-	-	1,400	-	-
Khargone	-	-	-	-	-	-	-	-	45,000	3,000	-
KOLDAM	10,500	8,000	-	3,000	-	3,900	-	700	25,100	3,700	8,598
KORBA III	1,000	-	-	5,000	7,500	-	1,000	1,500	9,200	500	2,135
Korba R & M	-	-	-	-	-	-	-	-	4,400	-	-
Kudji	-	-	-	-	-	-	-	-	123,300	-	10,000
LARA I	-	-	-	-	-	-	-	-	53,300	13,700	22,813
Lata Tapovan	-	-	-	-	-	-	-	-	1,800	-	-
Mauda	-	-	-	3,500	-	-	-	-	21,900	-	715
Mauda II	-	-	-	-	-	-	-	-	45,800	-	-
Mandsaur Solar	-	-	-	-	-	-	-	-	-	-	1,000
NCTPP II	500	4,000	22,500	20,000	1,700	500	1,500	3,300	11,000	500	1,601
NCTPP R & M	-	-	-	-	-	-	-	-	3,700	-	-
NORTH KARANPURA	-	-	-	-	-	-	-	-	12,400	-	14,900
Pakri Barwadih CMB	-	-	-	-	-	-	-	-	28,600	800	21,521
Ramagundam I & II R & M	-	-	-	-	-	-	-	-	2,400	-	-
RAMAGUNDAM III	-	-	1,500	-	-	-	-	-	-	-	-
Rammam	-	-	-	-	-	-	-	-	3,100	-	2,500
RIHAND III	-	-	-	-	-	-	-	800	28,300	800	4,270
Rihand R & M	-	-	-	-	-	-	-	-	2,500	-	-
Simhadari II	-	20,000	-	15,000	-	-	-	-	28,800	1,000	4,804
Simhadari R & M	-	-	-	-	-	-	-	-	900	-	-
Vidhyachal Hydro**	-	-	-	-	-	-	-	-	1,900	-	500
Singrauli R & M	-	-	-	-	-	-	-	-	1,800	-	-
Vindhyachal Solar**	-	-	-	-	-	-	-	-	4,800	-	-
SIPAT I	23,800	-	5,000	-	9,700	3,700	9,500	300	20,500	1,400	-
SIPAT II	4,200	-	3,000	-	-	-	-	-	-	-	-
SOLAPUR	-	-	-	-	-	-	-	-	70,300	-	25,200
TALCHER II	-	-	1,500	-	-	-	-	-	12,000	700	-
Tanda II	-	-	-	-	-	-	-	-	9,000	400	12,500

Sum...
56

Form 8- Domestic Bonds- Details of Allocation of corporate loans to various projects

Particulars	XXII 8.1771%	XXIV 8.8077%	XXVII 11.25%	XXX 7.88%	XXXIII 8.73%	XXXIV 8.71%	XXXV 8.785%	XXXVIII 9.17%	54	57	87
Tapovan Vishnugad	2,000	-	-	-	600	400	-	300	28,400	-	15,083
TSTPP R & M	-	-	-	-	-	-	-	-	1,800	1,000	-
TTPS R & M	-	-	-	-	-	-	-	-	1,000	-	-
Unchahar R & M	-	-	-	-	-	-	-	-	3,400	-	-
Unchahar IV	-	-	-	-	-	-	-	-	-	-	-
Unchahar III	1,000	-	1,500	-	-	-	-	-	17,400	4,800	2,500
Vindhyachal III	1,500	2,000	-	-	-	-	-	-	-	-	-
Vindhyachal IV	-	-	-	-	-	-	-	-	-	-	-
Vindhyachal V	-	-	-	-	-	-	-	-	17,200	500	4,804
Vindhyachal R & M	-	-	-	-	-	-	-	-	33,500	2,200	5,500
Tataipall Coal Mine	-	-	-	-	-	-	-	-	1,200	800	-
CC	-	-	-	-	-	-	-	-	-	-	4,900
TOTAL	50,000	50,000	35,000	70,000	19,500	15,000	12,000	7,500	1,030,883	50,000	400,000

Spun

Name of the Power Station

Various

Various

Particulars	NIB								TOTAL
Source of Loan	NIB								
Drawal	I	II	III	IV	V	VI	VII	TOTAL	
Currency	EURO								
Amount of loan sanctioned									6,85,63,000
Amount of Gross Loan drawn upto 31.12.2010 / CDD	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	85,63,000	6,85,63,000	
Interest Type	Floating								
Fixed Interest Rate, if applicable									
Base Rate, if floating interest	6 M EURIBOR								
Margin, if floating interest rate	0.650%								
Are there any Caps / Floor	NO								
If above is Yes, specify Caps / Floor									
Moratorium Period	3.5 Years								
Moratorium effective from	15-Feb-2008								
Repayment period	8.5 Year								
Repayment effective from	20-Jul-2011								
Repayment frequency	Semi Annual								
Repayment instalment	18 Semi Annual Equal instalments								
Base Exchange Rate (31.03.2014)	60.61								
Are foreign currency loan hedged	NO								
If above is Yes, specify details									
Name of the Projects									
Kahalgan-II									
Koldam									
Sipat II									
VSTPP III									
FGUTPP III									
Sipat I									
Barh									
Korba-II									
Arka - R&M	81.88%	32.53%	58.08%	1.20%	19.10%	42.90%		34.52%	
Sipat I	17.18%	84.42%	40.92%	96.80%	21.98%	18.81%		38.20%	
Dadri - II	0.94%	3.05%			58.93%	38.40%	100.00%	27.28%	

Notes:-

- a) Base exchange rate are the SBI Bif selling rate as on 31.03.2014
- b) Distribution of loan package to various projects is based on utilisation of loan as on 31.03.2014
- c) Interest on NIB Loan are exempt from Withholding Tax.

Handwritten signature/initials

Handwritten signature/initials

38

58

PART-I
FORM- 9A
Additional Form

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited			
Name of the Generating Station	NCTPS St-II			
COD	31-07-2010			
For Financial Year	2019-24 (Summary)			

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual / Projected)				Justification	Amount in Rs Lakh Admitted Cost by the Commission, if any	
		2019-20	2020-21	2021-22	2022-23			2023-24
1	2	3	4	5	6	7	8	9
A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate								
1	Sewer water usage System with Noida Authority				50,000.00		Please refer respective financial Year for Justification	
	Total (A)	-	-	-	50,000.00			
B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest								
1	Integrated Security System along with plant area modification and Gate modification			2,500.00			Please refer respective financial Year for Justification	
2	HMI Upgradation of NCTPS Dadri Stage-2 Main Plant and Offsites		1,671.98				Please refer respective financial Year for Justification	
	Total (B)	-	1,671.98	2,500.00	-	-		
	Total Add. Cap. Claimed (A+B)	-	1,671.98	2,500.00	50,000.00			

S. J.
(Petitioner)

**PART-III
FORM- 9A(I)
Summary**

Name of the Petitioner	NTPC Ltd.	
Name of the Generating Station	NCTPS-II, Dadri	
Name of Transmission Element	Dadri-Loni Road 400 KV D/C line	
COD	08.09.2014	
For Financial Year	2019-24 (Summary)	

Sl. No.	Head of Work /Equipment	ACE Claimed Cash Basis(Summary)							Regulations under which claimed	Justification	Rs. Lakhs Admitted Cost by the Commission, if any
		2019-20	2020-21	2021-22	2022-23	2023-24	7	8			
1	2	3	4	5	6	7	8	9	10		
New Claims											
1	400KV D/C TRANSMISSION LINE-1										
2	400KV D/C TRANSMISSION LINE-2										
Subtotal											
1	Discharge of Liabilities										
Subtotal											
Total Add Cap Claimed											

NA

S
(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited			
Name of the Generating Station	NCTPS St-II			
COD	31-07-2010			
For Financial Year	2019-20			

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

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

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

2						NA		
Total (B)		-	-	-	-	-		
Total Add. Cap. Claimed (A+B)		-	-	-	-	-		

(Signature)
(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited		
Name of the Generating Station	NCTPS St-II		
COD	31-07-2010		
For Financial Year	2020-21		

Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP included in col. 3	Un-discharged Liability included in col. 3	Cash basis included in col. 3	IDC included in col. 3	Regulations under which claimed	Justification	Amount in Rs Lakh Admitted Cost by the Commission, if any
1	2	3	4	5= (3-4)	6	7	8	9
A.	Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate							
1								

NA								
Total (A)								
B.	Works beyond Original scope excluding add. cap. due to Change in Law eligible for RoE at Wtd. Average rate of Interest							

3	HMI Upgradation of NCPS Dadri Stage-2 Main Plant and Offsites	1671.98		1671.98		25(2)(c)	BHEL had supplied Windows XP based MaxDna HMI system for NCTPS stage-2. Microsoft has ended Support for Windows XP on 8th April 2014. As of now, Windows XP based workstations are no longer available in market. HMI software installed at NCTPS St II is not compatible with currently available workstations (Windows 10 based). Due to obsolescence of windows XP operating system, no security updates for operating system are available from Microsoft making DDCMIS system vulnerable to MALWARE, viruses and Hacking. In view of This, HMI upgradation is to be carried out in NCTPS-II where the Operating Stations and HMIPIS application software has reached the end of life and support has been stopped from OEM. These workstation are very critical for plant operation as without them it will not be possible to run the station. Considering the importance of these HMI systems, it has become necessary to upgrade entire system to latest available hardware and software. Hon'ble commission may kindly allow the expenditure under Regulation 25(2)(c) of 2019 tariff Regulations.	
Total (B)		1,671.98		1,671.98				
Total Add. Cap. Claimed (A+B)		1,671.98		1,671.98				

Squ...
(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited		
Name of the Generating Station	NCTPS St-II		
COD	31-07-2010		
For Financial Year	2021-22		

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

2	Integrated Security System along with plant area modification and Gate modification	2,500.00		2,500.00		26(i)(d)	It is submitted that in view of prevailing Security situation in the region, Govt, through Ministry of Power, has requested NTPC for strengthening of the security of vital installations and critical infrastructure. (Gol Letter is attached as Annexure-A) Accordingly, the matter was taken up with CISF and it was decided to implement "Integrated Security System" for various NTPC Stations including NCTPS Dadri. Salient features of Integrated Security System proposed for NTPC plants are as follows: a) CCTV cameras at perimeter, watch towers and other static locations b) PIDS (Perimeter Intrusion Detection System) for perimeter intrusion alerts c) Access Control system with pre-built zones, entry & exit through smart cards, biometric access for critical areas. d) Physical security equipment like turnstiles, boom barrier, bollards, RFID tag based Vehicle entry. e) Automatic number plate recognition system (ANPR) and Under Vehicle scanning system (UVSS) for scanning the vehicles for any explosives. f) Security Operation Centre (SOC) with command & control centre with 2D location maps g) GPS enabling of QRT vehicles & fire vehicles. h) Thermal cameras for long distance night time monitoring i) Material movement of high value items through RFID tags As per specifications approved by CISF Authorities, NTPC Dadri is incurring expenditure for implementation of "Integrated Security System" for enhanced security of its power station. Hon'ble commission may kindly allow the expenditure under Regulation 26(i)(d), of 2019 tariff Regulations.	
Total (B)		2,500.00		2,500.00				
Total Add. Cap. Claimed (A+B)		2,500.00		2,500.00				

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)			Regulations under which claimed	Justification	Amount in Rs Lakh Admitted Cost by the Commission, if any	
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis included in col. 3				IDC included in col. 3
1	2	3	4	5= (3-4)	6	7	8	9
A. Works under Original scope. Change in Law etc. eligible for RoE at Normal Rate								
1	Sewer water usage System with Noida Authority	50,000.00		50,000.00	26(i)(b), 26(i)(f)	Government of India through Ministry of Power has mandated the use of treated sewage water by The thermal power plant(s) including the existing plants located within 50 km radius of sewage treatment plant of Municipality/local bodies/similar organization. NTPC Dadri is located in Gautam Budh Nagar district of Uttar Pradesh which falls in vicinity (within 50 km radius) of Noida Authority. Under new policy guidelines NTPC Dadri is mandated to procure secondary treated sewage water of Noida Authority for non-potable use in plant. In view of this, NTPC entered into an agreement with Noida Authority for the supply of Secondary treated Sewage water for its Dadri Power Plant. As per mutual agreement between Noida Authority and NTPC, NTPC Dadri will be procuring Secondary treated sewage water from Secondary Treatment Plant (STP) of Noida authority at "Point of Delivery" i.e. STP facility and pumping arrangement within Noida STP premises which falls under Noida ownership. The sewage treated water will be transported through Sewage Water Cross Country Transmission Pipeline (SWCCTP) to NCTPS Dadri premises and treated via Tertiary Treatment Plant (TTP). NTPC would incur CAPEX towards SWCCTP and TTP. Both SWCCTP as well as TTP will be assets owned by NTPC Dadri. Since, the use of treated sewage water of nearby Municipality/local Authority by power plants has been mandated under new law, Hon'ble commission may kindly allow the same Under regulation 26(i)(b), 26(i)(f) of tariff regulations 2019.		
Total (A)		50,000.00	-	50,000.00	-			
B. Works beyond Original scope extending add-exp. due to Change in Law etc. eligible for RoE at Wtd. Average rate of Interest								
2						NA		
Total (B)		-	-	-	-			
Total Add. Cap. Claimed (A+B)		50,000.00	-	50,000.00	-			

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited				
Name of the Generating Station	NCTPS St-II				
COD	31-07-2010				
For Financial Year	2023-24				

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

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

1								NA
---	--	--	--	--	--	--	--	----

Total (A)								
-----------	--	--	--	--	--	--	--	--

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

2								NA
---	--	--	--	--	--	--	--	----

Total (B)								
Total Add. Cap. Claimed (A+B)								

(Petitioner)

**PART-I
FORM- 10**

Name of the Petitioner NTPC Limited
Name of the Generating Station NCTPS St-II
Date of Commercial Operation 31-07-2010

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

Amount capitalised in Work/ Equipment

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

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

S. Singh
(Petitioner)

Calculation of Depreciation Rate

Name of the Petitioner: NTPC LTD
Name of the Generating Station: NCTPS-II

S.NO.	Name of Asset	Gross Block as on 31.03.2019	CERC Dep. Rate	Cumulative Depreciation as on 31.03.2019
1	2	3	4	5=4*3
1	Freehold Land	7,941.18	0.00%	
2	Roads, bridges, culverts & helipads	3,478.07	3.34%	116.17
3	Main Plant Buildings	35,632.62	3.34%	1,190.13
4	Other Buildings	5,917.40	3.34%	197.64
5	Temporary erection	-	100.00%	-
6	Water supply, drainage & sewage	675.39	5.28%	35.66
7	MGR track and signalling system	767.29	5.28%	40.51
8	Railway siding	5,844.35	5.28%	308.58
9	Earth dam reservoir	4,001.44	5.28%	211.28
10	Plant and machinery	4,24,047.18	5.28%	22,389.69
11	Furniture and fixtures	2,135.91	6.33%	135.20
12	Other Office Equipments	1,022.55	6.33%	64.73
13	EDP, WP machines & SATCOM equipment	975.68	6.33%	61.76
14	Vehicles including speedboats	27.07	9.50%	2.57
15	Construction equipment	1,541.26	5.28%	81.38
16	Electrical installations	2,021.03	5.28%	106.71
17	Communication equipment	327.86	6.33%	20.75
18	Hospital equipment	179.49	5.28%	9.48
19	Laboratory and workshop equipment	70.20	5.28%	3.71
20	Software	265.67	15.00%	39.85
21	Capex on assets not owned by the company	-0.00	5.28%	0.00
22	Right of Use - Others	23,992.92	5.28%	1,266.83
Total		5,20,864.56	-	26,282.63
Weighted Average Rate of Depreciation (%)				5.0460

S
(Petitioner)

Calculation of Depreciation Rate

Name of the Company
Name of the region
Name of the Power Station
Name of the transmission element

(Amount in Rs. Lakh)

Sl. no.	Name of the Assets ¹	Capital Cost as on 31.03.2019	Depreciation Rates as per CERC's Depreciation Rate Schedule
1	Dadri-Loni Road 400 KV D/C line	11203.57	5.28%
	TOTAL	11203.57	
	Weighted Average Rate of Depreciation (%)		5.28%


(Petitioner)

Statement of Depreciation

Name of the Company :		NTPC Limited							
Name of the Power Station :		NCTPS St-II							
S. No.	Particulars	Existing 2018-19	(Amount in Rs Lakh)					2023-24	
			2019-20	2020-21	2021-22	2022-23	2023-24		
1	2	3	4	5	6	7	8		
1	Opening Capital Cost	498098.92	4,98,132.61	4,98,132.61	4,99,804.59	5,02,304.59	5,52,304.59		
2	Closing Capital Cost	498132.61	4,98,132.61	4,99,804.59	5,02,304.59	5,52,304.59	5,52,304.59		
3	Average Capital Cost	498115.77	4,98,132.61	4,98,968.60	5,01,054.59	5,27,304.59	5,52,304.59		
1a	*Cost of IT Equipments & Software included in (1) above		-	-	-	-	-	-	
2a	*Cost of IT Equipments & Software included in (2) above		-	-	-	-	-	-	
3a	*Average Cost of IT Equipments & Software		-	-	-	-	-	-	
4	Freehold land	7,941.18	7,941.18	7,941.18	7,941.18	7,941.18	7,941.18		
8	Rate of depreciation	5.045	5.046	5.046	5.046	5.046	5.046	5.046	
6	Depreciable value	2,52,914.38	2,27,800.58	2,03,417.20	1,80,116.64	1,78,458.42	1,74,350.64		
9	Balance useful life at the beginning of the period	17.33	16.33	15.33	14.33	13.33	12.33		
9	Depreciation (for the period)	25,128.95	25,135.77	25,177.96	25,283.21	26,607.79	14,140.36		
10	Depreciation (annualised)	25,128.95	25,135.77	25,177.96	25,283.21	26,607.79	14,140.36		
11	Cumulative depreciation at the end of the period	213579.28	2,38,507.47	2,63,685.43	2,88,968.64	3,15,376.43	3,29,716.79		
12	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009	0.00	-	-	-	-	-		
13	Add: Cumulative depreciation adjustment on account of liability Discharge	0.00	-	-	-	-	-		
14	Less: Cumulative depreciation adjustment on account of de-capitalisation	207.57	-	-	-	-	-		
15	Net Cumulative depreciation at the end of the period after adjustments	2,13,371.70	2,38,507.47	2,63,685.43	2,88,968.64	3,15,376.43	3,29,716.79		

* Shall be submitted at the time of Truing up.



(Petitioner)

**PART-III
FORM- 12(II)**

Statement of Depreciation

Name of the Company NTPC Ltd
Name of the region Northern Region
Name of the Power Station NCTPS-II, Dadri
Name of the transmission element Dadri-Loni Road 400 KV D/C line

Sl. No.	Particulars	(Amount in Rs. Lakh)						
		Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	
1	2	4	5	6	7	8	9	
1	Opening Capital Cost	11203.48	11203.57	11203.57	11203.57	11203.57	11203.57	
2	Additional Capitalization during the period	0.00	0.00	0.00	0.00	0.00	0.00	
3	Closing Capital Cost	11203.48	11203.57	11203.57	11203.57	11203.57	11203.57	
4	Average Capital Cost	11203.48	11203.57	11203.57	11203.57	11203.57	11203.57	
5	Freehold land	0.00	0.00	0.00	0.00	0.00	0.00	
6	Rate of depreciation	5.28%	5.28%	5.28%	5.28%	5.28%	5.28%	
7	Depreciable value	10083.13	10083.21	10083.21	10083.21	10083.21	10083.21	
8	Balance useful life at the beginning of the period							
9	Remaining depreciable value	10083.13	10023.16	9431.62	8840.07	8248.52	7656.97	
10	Depreciation (for the period)	59.96	591.55	591.55	591.55	591.55	591.55	
11	Depreciation (annualised)	591.54	591.55	591.55	591.55	591.55	591.55	
12	Cumulative depreciation at the end of the period	2683.98	3275.53	3867.08	4458.63	5050.17	5641.72	
13	Less: Cumulative depreciation adjustment on account of de-capitalisation	0.00	0.00	0.00	0.00	0.00	0.00	
14	Net Cumulative depreciation at the end of the period	2683.98	3275.53	3867.08	4458.63	5050.17	5641.72	

(Petitioner)

Form 13					
Name of the Company	NTPC LTD			(Rs. Lakhs)	
Name of the Station	NCTPP II				
	2019-20	2020-21	2021-22	2022-23	2023-24
1 Central Bank of India IV T1 Dr 1					
Gross Loan	1000.00	1000.00	1000.00	1000.00	1000.00
Cumulative Repayment upto PY	928.57	1000.00	1000.00	1000.00	1000.00
Net loan - Opening	71.43	0.00	0.00	0.00	0.00
Addition					
Repayments of Loans during the year	71.43	0.00	0.00	0.00	0.00
Net loan - Closing	0.00	0.00	0.00	0.00	0.00
Average Net Loan	35.71	0.00	0.00	0.00	0.00
Rate of Interest on Loan	8.3000%	8.3000%	8.3000%	8.3000%	8.3000%
Interest on loan (Annualised)	2.96	0.00	0.00	0.00	0.00
2 IDFC I T1 Dr 1					
Gross Loan	10000.00	10000.00	10000.00	10000.00	10000.00
Cumulative Repayment upto PY	7750.00	8750.00	9750.00	10000.00	10000.00
Net loan - Opening	2250.00	1250.00	250.00	0.00	0.00
Addition					
Repayments of Loans during the year	1000.00	1000.00	250.00	0.00	0.00
Net loan - Closing	1250.00	250.00	0.00	0.00	0.00
Average Net Loan	1750.00	750.00	125.00	0.00	0.00
Rate of Interest on Loan	8.6500%	8.6500%	8.6500%	8.6500%	8.6500%
Interest on loan (Annualised)	151.38	64.88	10.81	0.00	0.00
3 IDFC II T1 Dr I					
Gross Loan	5000.00	5000.00	5000.00	5000.00	5000.00
Cumulative Repayment upto PY	3375.00	3875.00	4375.00	4875.00	5000.00
Net loan - Opening	1625.00	1125.00	625.00	125.00	0.00
Addition					
Repayments of Loans during the year	500.00	500.00	500.00	125.00	0.00
Net loan - Closing	1125.00	625.00	125.00	0.00	0.00
Average Net Loan	1375.00	875.00	375.00	62.50	0.00
Rate of Interest on Loan	8.6500%	8.6500%	8.6500%	8.6500%	8.6500%
Interest on loan (Annualised)	118.94	75.69	32.44	5.41	0.00
4 IDFC II T1 Dr 2					
Gross Loan	6000.00	6000.00	6000.00	6000.00	6000.00
Cumulative Repayment upto PY	4050.00	4650.00	5250.00	5850.00	6000.00
Net loan - Opening	1950.00	1350.00	750.00	150.00	0.00
Addition					
Repayments of Loans during the year	600.00	600.00	600.00	150.00	0
Net loan - Closing	1350.00	750.00	150.00	0.00	0.00
Average Net Loan	1650.00	1050.00	450.00	75.00	0.00
Rate of Interest on Loan	8.6500%	8.6500%	8.6500%	8.6500%	8.6500%
Interest on loan (Annualised)	142.73	90.83	38.93	6.49	0.00
5 PFC V Dr 3					
Gross Loan	9500.00	9500.00	9500.00	9500.00	9500.00
Cumulative Repayment upto PY	4552.08	5343.75	6135.42	6927.08	7718.75
Net loan - Opening	4947.92	4156.25	3364.58	2572.92	1781.25
Addition					
Repayments of Loans during the year	791.67	791.67	791.67	791.67	791.67
Net loan - Closing	4156.25	3364.58	2572.92	1781.25	989.58
Average Net Loan	4552.08	3760.42	2968.75	2177.08	1385.42
Rate of Interest on Loan	9.7000%	9.7000%	9.7000%	9.7000%	9.7000%
Interest on loan (Annualised)	441.55	364.76	287.97	211.18	134.39

S...

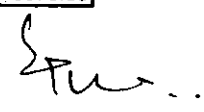
6 PFC V Dr 5						
Gross Loan	5500.00	5500.00	5500.00	5500.00	5500.00	5500.00
Cumulative Repayment upto PY	2635.42	3093.75	3552.08	4010.42	4468.75	4468.75
Net loan - Opening	2864.58	2406.25	1947.92	1489.58	1031.25	1031.25
Addition						
Repayments of Loans during the year	458.33	458.33	458.33	458.33	458.33	458.33
Net loan - Closing	2406.25	1947.92	1489.58	1031.25	572.92	572.92
Average Net Loan	2635.42	2177.08	1718.75	1260.42	802.08	802.08
Rate of Interest on Loan	9.5000%	9.5000%	9.5000%	9.5000%	9.5000%	9.5000%
Interest on loan (Annualised)	250.36	206.82	163.28	119.74	76.20	76.20
7 PFC V Dr 6						
Gross Loan	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00
Cumulative Repayment upto PY	4791.67	5625.00	6458.33	7291.67	8125.00	8125.00
Net loan - Opening	5208.33	4375.00	3541.67	2708.33	1875.00	1875.00
Addition						
Repayments of Loans during the year	833.33	833.33	833.33	833.33	833.33	833.33
Net loan - Closing	4375.00	3541.67	2708.33	1875.00	1041.67	1041.67
Average Net Loan	4791.67	3958.33	3125.00	2291.67	1458.33	1458.33
Rate of Interest on Loan	9.3200%	9.3200%	9.3200%	9.3200%	9.3200%	9.3200%
Interest on loan (Annualised)	446.58	368.92	291.25	213.58	135.92	135.92
8 PFC V Dr 9						
Gross Loan	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
Cumulative Repayment upto PY	2395.83	2812.50	3229.17	3645.83	4062.50	4062.50
Net loan - Opening	2604.17	2187.50	1770.83	1354.17	937.50	937.50
Addition						
Repayments of Loans during the year	416.67	416.67	416.67	416.67	416.67	416.67
Net loan - Closing	2187.50	1770.83	1354.17	937.50	520.83	520.83
Average Net Loan	2395.83	1979.17	1562.50	1145.83	729.17	729.17
Rate of Interest on Loan	9.3900%	9.3900%	9.3900%	9.3900%	9.3900%	9.3900%
Interest on loan (Annualised)	224.97	185.84	146.72	107.59	68.47	68.47
9 PFC V Dr 11						
Gross Loan	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
Cumulative Repayment upto PY	1197.92	1406.25	1614.58	1822.92	2031.25	2031.25
Net loan - Opening	1302.08	1093.75	885.42	677.08	468.75	468.75
Addition						
Repayments of Loans during the year	208.33	208.33	208.33	208.33	208.33	208.33
Net loan - Closing	1093.75	885.42	677.08	468.75	260.42	260.42
Average Net Loan	1197.92	989.58	781.25	572.92	364.58	364.58
Rate of Interest on Loan	8.6600%	8.6600%	8.6600%	8.6600%	8.6600%	8.6600%
Interest on loan (Annualised)	103.74	85.70	67.66	49.61	31.57	31.57
10 PFC V Dr 16						
Gross Loan	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
Cumulative Repayment upto PY	2395.83	2812.50	3229.17	3645.83	4062.50	4062.50
Net loan - Opening	2604.17	2187.50	1770.83	1354.17	937.50	937.50
Addition						
Repayments of Loans during the year	416.67	416.67	416.67	416.67	416.67	416.67
Net loan - Closing	2187.50	1770.83	1354.17	937.50	520.83	520.83
Average Net Loan	2395.83	1979.17	1562.50	1145.83	729.17	729.17
Rate of Interest on Loan	8.6900%	8.6900%	8.6900%	8.6900%	8.6900%	8.6900%
Interest on loan (Annualised)	208.20	171.99	135.78	99.57	63.36	63.36
11 PFC V Dr 17						
Gross Loan	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00
Cumulative Repayment upto PY	4791.67	5625.00	6458.33	7291.67	8125.00	8125.00
Net loan - Opening	5208.33	4375.00	3541.67	2708.33	1875.00	1875.00
Addition						
Repayments of Loans during the year	833.33	833.33	833.33	833.33	833.33	833.33
Net loan - Closing	4375.00	3541.67	2708.33	1875.00	1041.67	1041.67
Average Net Loan	4791.67	3958.33	3125.00	2291.67	1458.33	1458.33
Rate of Interest on Loan	8.6800%	8.6800%	8.6800%	8.6800%	8.6800%	8.6800%
Interest on loan (Annualised)	415.92	343.58	271.25	198.92	126.58	126.58

Signature

12 PFC V Dr 19						
Gross Loan	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
Cumulative Repayment upto PY	1197.92	1406.25	1614.58	1822.92	2031.25	2031.25
Net loan - Opening	1302.08	1093.75	885.42	677.08	468.75	468.75
Addition						
Repayments of Loans during the year	208.33	208.33	208.33	208.33	208.33	208.33
Net loan - Closing	1093.75	885.42	677.08	468.75	260.42	260.42
Average Net Loan	1197.92	989.58	781.25	572.92	364.58	364.58
Rate of Interest on Loan	8.3500%	8.3500%	8.3500%	8.3500%	8.3500%	8.3500%
Interest on loan (Annualised)	100.03	82.63	65.23	47.84	30.44	30.44
13 PFC V Dr 20						
Gross Loan	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
Cumulative Repayment upto PY	958.33	1125.00	1291.67	1458.33	1625.00	1625.00
Net loan - Opening	1041.67	875.00	708.33	541.67	375.00	375.00
Addition						
Repayments of Loans during the year	166.67	166.67	166.67	166.67	166.67	166.67
Net loan - Closing	875.00	708.33	541.67	375.00	208.33	208.33
Average Net Loan	958.33	791.67	625.00	458.33	291.67	291.67
Rate of Interest on Loan	8.4000%	8.4000%	8.4000%	8.4000%	8.4000%	8.4000%
Interest on loan (Annualised)	80.50	66.50	52.50	38.50	24.50	24.50
14 Bonds XXII						
Gross Loan	500.00	500.00	500.00	500.00	500.00	500.00
Cumulative Repayment upto PY	400.00	450.00	500.00	500.00	500.00	500.00
Net loan - Opening	100.00	50.00	0.00	0.00	0.00	0.00
Addition						
Repayments of Loans during the year	50	50	0.00	0.00	0.00	0.00
Net loan - Closing	50.00	0.00	0.00	0.00	0.00	0.00
Average Net Loan	75.00	25.00	0.00	0.00	0.00	0.00
Rate of Interest on Loan	8.2071%	8.2071%	8.2071%	8.2071%	8.2071%	8.2071%
Interest on loan (Annualised)	6.16	2.05	0.00	0.00	0.00	0.00
15 Bonds XXIV						
Gross Loan	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00
Cumulative Repayment upto PY	3200.00	3600.00	4000.00	4000.00	4000.00	4000.00
Net loan - Opening	800.00	400.00	0.00	0.00	0.00	0.00
Addition						
Repayments of Loans during the year	400	400	0.00	0.00	0.00	0.00
Net loan - Closing	400.00	0.00	0.00	0.00	0.00	0.00
Average Net Loan	600.00	200.00	0.00	0.00	0.00	0.00
Rate of Interest on Loan	8.6377%	8.6377%	8.6377%	8.6377%	8.6377%	8.6377%
Interest on loan (Annualised)	51.83	17.28	0.00	0.00	0.00	0.00
16 Bonds XXVII Repayment in 5 Annual Installments from 06.11.2019						
Gross Loan	22500.00	22500.00	22500.00	22500.00	22500.00	22500.00
Cumulative Repayment upto PY	0.00	4500.00	9000.00	13500.00	18000.00	18000.00
Net loan - Opening	22500.00	18000.00	13500.00	9000.00	4500.00	4500.00
Addition						
Repayments of Loans during the year	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
Net loan - Closing	18000.00	13500.00	9000.00	4500.00	0.00	0.00
Average Net Loan	20250.00	15750.00	11250.00	6750.00	2250.00	2250.00
Rate of Interest on Loan	11.2800%	11.2800%	11.2800%	11.2800%	11.2800%	11.2800%
Interest on loan (Annualised)	2284.20	1776.60	1269.00	761.40	253.80	253.80
17 Bonds XXX Bullet repayment on 05.05.2019						
Gross Loan	20000.00	20000.00	20000.00	20000.00	20000.00	20000.00
Cumulative Repayment upto PY	0.00	20000.00	20000.00	20000.00	20000.00	20000.00
Net loan - Opening	20000.00	0.00	0.00	0.00	0.00	0.00
Addition						
Repayments of Loans during the year	20000.00	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	10000.00	0.00	0.00	0.00	0.00	0.00
Rate of Interest on Loan	7.9200%	7.9200%	7.9200%	7.9200%	7.9200%	7.9200%
Interest on loan (Annualised)	792.00	0.00	0.00	0.00	0.00	0.00

S. P. W.

18	Bonds XXXIII Bullet repayment on 31.03.2020					
	Gross Loan	1700.00	1700.00	1700.00	1700.00	1700.00
	Cumulative Repayment upto PY	0.00	1700.00	1700.00	1700.00	1700.00
	Net loan - Opening	1700.00	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	1700.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	850.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.7600%	8.7600%	8.7600%	8.7600%	8.7600%
	Interest on loan (Annualised)	74.46	0.00	0.00	0.00	0.00
19	Bonds XXXIV					
	Gross Loan	500.00	500.00	500.00	500.00	500.00
	Cumulative Repayment upto PY	100.00	133.33	166.67	200.00	233.33
	Net loan - Opening	400.00	366.67	333.33	300.00	266.67
	Addition					
	Repayments of Loans during the year	33.33	33.33	33.33	33.33	33.33
	Net loan - Closing	366.67	333.33	300.00	266.67	233.33
	Average Net Loan	383.33	350.00	316.67	283.33	250.00
	Rate of Interest on Loan	8.7400%	8.7400%	8.7400%	8.7400%	8.7400%
	Interest on loan (Annualised)	33.50	30.59	27.68	24.76	21.85
20	Bonds XXXV					
	Gross Loan	1500.00	1500.00	1500.00	1500.00	1500.00
	Cumulative Repayment upto PY	300.00	400.00	500.00	600.00	700.00
	Net loan - Opening	1200.00	1100.00	1000.00	900.00	800.00
	Addition					
	Repayments of Loans during the year	100	100	100	100	100
	Net loan - Closing	1100.00	1000.00	900.00	800.00	700.00
	Average Net Loan	1150.00	1050.00	950.00	850.00	750.00
	Rate of Interest on Loan	8.8150%	8.8150%	8.8150%	8.8150%	8.8150%
	Interest on loan (Annualised)	101.37	92.56	83.74	74.93	66.11
21	PFC V T1 Dr 22					
	Gross Loan	1000.00	1000.00	1000.00	1000.00	1000.00
	Cumulative Repayment upto PY	479.17	562.50	645.83	729.17	812.50
	Net loan - Opening	520.83	437.50	354.17	270.83	187.50
	Addition					
	Repayments of Loans during the year	83.33	83.33	83.33	83.33	83.33
	Net loan - Closing	437.50	354.17	270.83	187.50	104.17
	Average Net Loan	479.17	395.83	312.50	229.17	145.83
	Rate of Interest on Loan	7.6200%	7.6200%	7.6200%	7.6200%	7.6200%
	Interest on loan (Annualised)	36.51	30.16	23.81	17.46	11.11
22	PFC V Dr 23					
	Gross Loan	1000.00	1000.00	1000.00	1000.00	1000.00
	Cumulative Repayment upto PY	479.17	562.50	645.83	729.17	812.50
	Net loan - Opening	520.83	437.50	354.17	270.83	187.50
	Addition					
	Repayments of Loans during the year	83.33	83.33	83.33	83.33	83.33
	Net loan - Closing	437.50	354.17	270.83	187.50	104.17
	Average Net Loan	479.17	395.83	312.50	229.17	145.83
	Rate of Interest on Loan	7.4300%	7.4300%	7.4300%	7.4300%	7.4300%
	Interest on loan (Annualised)	35.60	29.41	23.22	17.03	10.84
23	PFC V Dr 25					
	Gross Loan	4000.00	4000.00	4000.00	4000.00	4000.00
	Cumulative Repayment upto PY	1916.67	2250.00	2583.33	2916.67	3250.00
	Net loan - Opening	2083.33	1750.00	1416.67	1083.33	750.00
	Addition					
	Repayments of Loans during the year	333.33	333.33	333.33	333.33	333.33
	Net loan - Closing	1750.00	1416.67	1083.33	750.00	416.67
	Average Net Loan	1916.67	1583.33	1250.00	916.67	583.33
	Rate of Interest on Loan	7.6700%	7.6700%	7.6700%	7.6700%	7.6700%
	Interest on loan (Annualised)	147.01	121.44	95.88	70.31	44.74
24	PFC V Dr 27					
	Gross Loan	18000.00	18000.00	18000.00	18000.00	18000.00
	Cumulative Repayment upto PY	8625.00	10125.00	11625.00	13125.00	14625.00
	Net loan - Opening	9375.00	7875.00	6375.00	4875.00	3375.00


 74

	Addition					
	Repayments of Loans during the year	1500.00	1500.00	1500.00	1500.00	1500.00
	Net loan - Closing	7875.00	6375.00	4875.00	3375.00	1875.00
	Average Net Loan	8625.00	7125.00	5625.00	4125.00	2625.00
	Rate of Interest on Loan	7.7500%	7.7500%	7.7500%	7.7500%	7.7500%
	Interest on loan (Annualised)	668.44	552.19	435.94	319.69	203.44
25	PFC V Dr 31					
	Gross Loan	3700.00	3700.00	3700.00	3700.00	3700.00
	Cumulative Repayment upto PY	1772.92	2081.25	2389.58	2697.92	3006.25
	Net loan - Opening	1927.08	1618.75	1310.42	1002.08	693.75
	Addition					
	Repayments of Loans during the year	308.33	308.33	308.33	308.33	308.33
	Net loan - Closing	1618.75	1310.42	1002.08	693.75	385.42
	Average Net Loan	1772.92	1464.58	1156.25	847.92	539.58
	Rate of Interest on Loan	7.4400%	7.4400%	7.4400%	7.4400%	7.4400%
	Interest on loan (Annualised)	131.91	108.97	86.03	63.09	40.15
26	PFC V Dr 32					
	Gross Loan	3700.00	3700.00	3700.00	3700.00	3700.00
	Cumulative Repayment upto PY	1772.92	2081.25	2389.58	2697.92	3006.25
	Net loan - Opening	1927.08	1618.75	1310.42	1002.08	693.75
	Addition					
	Repayments of Loans during the year	308.33	308.33	308.33	308.33	308.33
	Net loan - Closing	1618.75	1310.42	1002.08	693.75	385.42
	Average Net Loan	1772.92	1464.58	1156.25	847.92	539.58
	Rate of Interest on Loan	7.6800%	7.6800%	7.6800%	7.6800%	7.6800%
	Interest on loan (Annualised)	136.16	112.48	88.80	65.12	41.44
27	PFC V Dr 37					
	Gross Loan	11000.00	11000.00	11000.00	11000.00	11000.00
	Cumulative Repayment upto PY	5270.83	6187.50	7104.17	8020.83	8937.50
	Net loan - Opening	5729.17	4812.50	3895.83	2979.17	2062.50
	Addition					
	Repayments of Loans during the year	916.67	916.67	916.67	916.67	916.67
	Net loan - Closing	4812.50	3895.83	2979.17	2062.50	1145.83
	Average Net Loan	5270.83	4354.17	3437.50	2520.83	1604.17
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on loan (Annualised)	434.84	359.22	283.59	207.97	132.34
28	Syndicate Bank-II T1 Dr 2					
	Gross Loan	13000.00	13000.00	13000.00	13000.00	13000.00
	Cumulative Repayment upto PY	11142.86	13000.00	13000.00	13000.00	13000.00
	Net loan - Opening	1857.14	0.00	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	1857.14	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	928.57	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on loan (Annualised)	78.46	0.00	0.00	0.00	0.00
29	HDFC-II, T1 D4					
	Gross Loan	4000.00	4000.00	4000.00	4000.00	4000.00
	Cumulative Repayment upto PY	2857.14	3428.57	4000.00	4000.00	4000.00
	Net loan - Opening	1142.86	571.43	0.00	0.00	0.00
	Addition					
	Repayments of Loans during the year	571.43	571.43	0.00	0.00	0.00
	Net loan - Closing	571.43	0.00	0.00	0.00	0.00
	Average Net Loan	857.14	285.71	0.00	0.00	0.00
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on loan (Annualised)	72.43	24.14	0.00	0.00	0.00

Su...

30	Bonds XXXVIII					
	Gross Loan	3300.00	3300.00	3300.00	3300.00	3300.00
	Cumulative Repayment upto PY	660.00	880.00	1100.00	1320.00	1540.00
	Net loan - Opening	2640.00	2420.00	2200.00	1980.00	1760.00
	Addition					
	Repayments of Loans during the year	220.00	220.00	220.00	220.00	220.00
	Net loan - Closing	2420.00	2200.00	1980.00	1760.00	1540.00
	Average Net Loan	2530.00	2310.00	2090.00	1870.00	1650.00
	Rate of Interest on Loan	9.2000%	9.2000%	9.2000%	9.2000%	9.2000%
	Interest on loan (Annualised)	232.76	212.52	192.28	172.04	151.80
31	NIB Dr 1					
	Gross Loan	57.59	57.59	57.59	57.59	57.59
	Cumulative Repayment upto PY	51.19	57.59	57.59	57.59	57.59
	Net loan - Opening	6.40	0.00	0.00	0.00	0.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	6.40	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	3.20	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	0.4140%	0.4140%	0.4140%	0.4140%	0.4140%
	Interest on loan (Annualised)	0.01	0.00	0.00	0.00	0.00
32	NIB Dr 2					
	Gross Loan	187.70	187.70	187.70	187.70	187.70
	Cumulative Repayment upto PY	166.84	187.70	187.70	187.70	187.70
	Net loan - Opening	20.86	0.00	0.00	0.00	0.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	20.86	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	10.43	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	0.4140%	0.4140%	0.4140%	0.4140%	0.4140%
	Interest on loan (Annualised)	0.04	0.00	0.00	0.00	0.00
33	NIB Dr 5					
	Gross Loan	3628.87	3628.87	3628.87	3628.87	3628.87
	Cumulative Repayment upto PY	3225.66	3628.87	3628.87	3628.87	3628.87
	Net loan - Opening	403.21	0.00	0.00	0.00	0.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	403.21	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	201.60	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	0.4140%	0.4140%	0.4140%	0.4140%	0.4140%
	Interest on loan (Annualised)	0.83	0.00	0.00	0.00	0.00
34	NIB Dr 6					
	Gross Loan	2369.77	2369.77	2369.77	2369.77	2369.77
	Cumulative Repayment upto PY	2106.46	2369.77	2369.77	2369.77	2369.77
	Net loan - Opening	263.31	0.00	0.00	0.00	0.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	263.31	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	131.65	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	0.4140%	0.4140%	0.4140%	0.4140%	0.4140%
	Interest on loan (Annualised)	0.55	0.00	0.00	0.00	0.00
35	NIB Dr 7					
	Gross Loan	5273.10	5273.10	5273.10	5273.10	5273.10
	Cumulative Repayment upto PY	4687.20	5273.10	5273.10	5273.10	5273.10
	Net loan - Opening	585.90	0.00	0.00	0.00	0.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	585.90	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	292.95	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	0.4140%	0.4140%	0.4140%	0.4140%	0.4140%
	Interest on loan (Annualised)	1.21	0.00	0.00	0.00	0.00

Stw
76

36	Bond 54 (Installment from 25.03.2023 20 % Next 2 Years 40%)					
	Gross Loan	11000.00	11000.00	11000.00	11000.00	11000.00
	Cumulative Repayment upto PY	0.00	0.00	0.00	0.00	2200.00
	Net loan - Opening	11000.00	11000.00	11000.00	11000.00	8800.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	0.00	0.00	0.00	2200.00	4400.00
	Net loan - Closing	11000.00	11000.00	11000.00	8800.00	4400.00
	Average Net Loan	11000.00	11000.00	11000.00	9900.00	6600.00
	Rate of Interest on Loan	8.5200%	8.5200%	8.5200%	8.5200%	8.5200%
	Interest on loan (Annualised)	937.20	937.20	937.20	843.48	562.32
37	Bond 57 Series (Bullet Repayment on 15.12.2025)					
	Gross Loan	500.00	500.00	500.00	500.00	500.00
	Cumulative Repayment upto PY	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	500.00	500.00	500.00	500.00	500.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	500.00	500.00	500.00	500.00	500.00
	Average Net Loan	500.00	500.00	500.00	500.00	500.00
	Rate of Interest on Loan	8.2200%	8.2200%	8.2200%	8.2200%	8.2200%
	Interest on loan (Annualised)	41.10	41.10	41.10	41.10	41.10
38	Bond 67 Series (Bullet Repayment on 15.01.2029) (Refinancing of ICICI VI)					
	Gross Loan	1601.00	1601.00	1601.00	1601.00	1601.00
	Cumulative Repayment upto PY	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1601.00	1601.00	1601.00	1601.00	1601.00
	Addition					
	Increase/ Decrease due to FERV					
	Repayments of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	1601.00	1601.00	1601.00	1601.00	1601.00
	Average Net Loan	1601.00	1601.00	1601.00	1601.00	1601.00
	Rate of Interest on Loan	8.4200%	8.4200%	8.4200%	8.4200%	8.4200%
	Interest on loan (Annualised)	134.80	134.80	134.80	134.80	134.80
39	SBI-VIII D24 9 Yearly Installments from 31.01.2022 (OBC-I Prepayment Loan)					
	Gross Loan	1571.43	1571.43	1571.43	1571.43	1571.43
	Cumulative Repayment upto PY	0.00	0.00	0.00	174.60	349.21
	Net loan - Opening	1571.43	1571.43	1571.43	1396.83	1222.22
	Addition					
	Repayments of Loans during the year	0.00	0.00	174.60	174.60	174.60
	Net loan - Closing	1571.43	1571.43	1396.83	1222.22	1047.62
	Average Net Loan	1571.43	1571.43	1484.13	1309.52	1134.92
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on loan (Annualised)	132.79	132.79	125.41	110.65	95.90
40	PNB III D1 9 Yearly Installments from 01.02.2022					
	Gross Loan	3643.00	3643.00	3643.00	3643.00	3643.00
	Cumulative Repayment upto PY	0.00	0.00	0.00	404.78	809.56
	Net loan - Opening	3643.00	3643.00	3643.00	3238.22	2833.44
	Addition					
	Repayments of Loans during the year	0.00	0.00	404.78	404.78	404.78
	Net loan - Closing	3643.00	3643.00	3238.22	2833.44	2428.67
	Average Net Loan	3643.00	3643.00	3440.61	3035.83	2631.06
	Rate of Interest on Loan	8.3000%	8.3000%	8.3000%	8.3000%	8.3000%
	Interest on loan (Annualised)	302.37	302.37	285.57	251.97	218.38
41	SBI XII D2 9 Yearly Installments from 31.03.2026 (Refinancing of IDFC I & II)					
	Gross Loan	6350.00	6350.00	6350.00	6350.00	6350.00
	Cumulative Repayment upto PY	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	6350.00	6350.00	6350.00	6350.00	6350.00
	Addition					
	Repayments of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	6350.00	6350.00	6350.00	6350.00	6350.00
	Average Net Loan	6350.00	6350.00	6350.00	6350.00	6350.00
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on loan (Annualised)	536.58	536.58	536.58	536.58	536.58

Sp...
77

42 Corporation Bank IV D1 9 Yearly Installments from 11.01.2023 Re financing of ICICI V					
Gross Loan	1428.57	1428.57	1428.57	1428.57	1428.57
Cumulative Repayment upto PY	0.00	0.00	0.00	0.00	158.73
Net loan - Opening	1428.57	1428.57	1428.57	1428.57	1269.84
Addition					
Repayments of Loans during the year	0.00	0.00	0.00	158.73	158.73
Net loan - Closing	1428.57	1428.57	1428.57	1269.84	1111.11
Average Net Loan	1428.57	1428.57	1428.57	1349.21	1190.48
Rate of Interest on Loan	8.3833%	8.3833%	8.3833%	8.3833%	8.3833%
Interest on loan (Annualised)	119.76	119.76	119.76	113.11	99.80
TOTAL					
Gross Loan	225011.02	225011.02	225011.02	225011.02	225011.02
Cumulative Repayment upto PY	90234.26	130983.93	146825.36	161474.74	177407.85
Net loan - Opening	134776.76	94027.10	78185.67	63536.29	47603.17
Addition	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
Repayments of Loans during the year	40749.67	15841.43	14649.38	15933.11	17858.11
Net loan - Closing	94027.10	78185.67	63536.29	47603.17	29745.06
Average Net Loan	114401.93	86106.38	70860.98	55569.73	38674.12
Rate of Interest on Loan	8.9271%	9.0380%	8.9671%	8.8608%	8.6826%
Interest on loan (Annualised)	10212.73	7782.33	6354.20	4923.92	3357.93

Stu...

Details/ Information to be provided to beneficiaries under clause (7) of Regulation 30 of CERC (Terms and Condition of Tariff) Regulations, 2014

Details/information to be submitted in respect of Fuel for Computation of Energy Charges:

NTPC Ltd

National Capital Thermal Power Station, Dadri Stage-II •

Fuel: Coal Month -Oct'18

S. No.	Particulars	Unit	Domestic	Imported
1	Quantity of Coal/Lignite supplied by Coal/Lignite Company #	MT	742826.587	0.000
2	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	-385.630	0.000
3	Coal supplied by Coal/Lignite Company (1+2)	MT	742440.957	0.000
4	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	4804.582	0.000
5	Net coal / Lignite Supplied (3-4)	MT	737636.375	0.000
6	Amount charged by the Coal/Lignite Company	Rs	2354593724	0
7	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs		
8	Total amount Charged (6+7)	Rs	2354593724	0
9	Transportation charges by rail/ship/road transport	Rs	1335282088	0
10	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs		
11	Demurrage Charges, if any	Rs	0	0
12	Cost of Diesel in transporting coal through MGR system, if applicable	Rs		
13	Total Transportation Charges (9+/-10-11+12)	Rs	1335282088	0
13A	Others (Stone picking charges, loco drivers salary, etc)	Rs	114482173	0
14	Total amount charged for the coal / lignite supplied including transportation (8+13+13A)	Rs	3804357985	0
15	Landed cost of coal/Lignite (14/5)	Rs/MT	5157.50	0.000
16	Blending Ratio: (Domestic / Imported)		100.00	0.00
17	Weighted average cost of coal /Lignite	Rs/MT	5157.50	
18	GCV of domestic coal as per bill of coal company* (EQ Basis)	Kcal/Kg	4829	
19	GCV of Imported coal as per bill of coal company (ADB Basis)	Kcal/Kg		No receipt during the month
20	Weighted average GCV of coal / Lignite as billed**	Kcal/Kg	4829	
21	GCV of Domestic Coal as received at Station (TM Basis)	Kcal/Kg	3821	
22	GCV of Imported Coal as received at Station (TM Basis)	Kcal/Kg		
23	Weighted average GCV of coal/ Lignite as Received (TM Basis)	Kcal/Kg	3821	

This includes opening stock

This includes value of opening stock

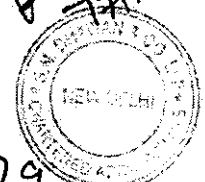
* Excluding Washed, E-Auction & Diverted Coal

** Weighted average GCV (as billed) does not include Washed Coal, E-Auction Coal & Diverted Coal.

D. C. Agrawal
डी. सी. अग्रवाल / D. C. AGRAWAL

वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / फरिदाबाद / नए पंचार स्टेज
NTPC Ltd. Faridabad / (SSC-Hydro&DBF), Faridabad
फरिदाबाद / Faridabad

[Signature]
नेहा कुमार गर्ग
NEHA KUMAR GARG
सहायक प्रबंधक (वित्त)
General Manager Finance
DBF-HQ, Hydro-HQ & in-charge SSC Finance
NTPC Limited
A Government of India Enterprise
Wing: Mukda, P.O. Neema, Faridabad-121004



79

Details/ Information to be provided to beneficiaries under clause (7) of Regulation 30 of CERC (Terms and Condition of Tariff) Regulations, 2014

Details/information to be submitted in respect of Fuel for Computation of Energy Charges:

NTPC Ltd

National Capital Thermal Power Station, Dadri Stage-II •

Fuel: Coal Month: Nov '18

S. No.	Particulars	Unit	Domestic	Imported
1	Quantity of Coal/Lignite supplied by Coal/Lignite Company #	MT	774978.305	0.000
2	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	-459.355	0.000
3	Coal supplied by Coal/Lignite Company (1+2)	MT	774518.950	0.000
4	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	5360.631	0.000
5	Net coal / Lignite Supplied (3-4)	MT	769158.319	0.000
6	Amount charged by the Coal /Lignite Company	Rs	2414593444	0
7	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs		
8	Total amount Charged (6+7)	Rs	2414593444	0
9	Transportation charges by rail/ship/road transport	Rs	1501755645	0
10	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs		
11	Dormurage Charges, if any	Rs	0	0
12	Cost of Diesel in transporting coal through MGR system, if applicable	Rs		
13	Total Transportation Charges (9+10-11+12)	Rs	1501755645	0
13A	Others (Stone picking charges, loco drivers salary, etc)	Rs	87507933	0
14	Total amount charged for the coal /lignite supplied including transportation (8+13+13A)	Rs	4903857022	0
15	Landed cost of coal/Lignite (14/5)	Rs/MT	5205.50	0.000
16	Blending Ratio (Domestic / Imported)		100.00	0.00
17	Weighted average cost of coal /Lignite	Rs/MT	5205.50	
18	GCV of domestic coal as per bill of coal company* (EQ Basis)	Kcal/Kg	5023	
19	GCV of imported coal as per bill of coal company (ADB Basis)	Kcal/Kg		No receipt during the month
20	Weighted average GCV of coal / Lignite as billed**	Kcal/Kg	5023	
21	GCV of Domestic Coal as received at Station (TM Basis)	Kcal/Kg	3797	
22	GCV of Imported Coal as received at Station (TM Basis)	Kcal/Kg		
23	Weighted average GCV of coal/ Lignite as Received (TM Basis)	Kcal/Kg	3797	

This includes opening stock

This includes value of opening stock

* Excluding Washed, E-Auction & Diverted Coal

** Weighted average GCV (as billed) does not include Washed Coal, E- Auction Coal & Diverted Coal.

D. C. Agrawal

डी० सी० अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / फरिदाबाद पैठ पॉवर स्टेशन
NTPC Ltd. Faridabad / (SSC-Hydro&DBF), Faridabad
फरिदाबाद / Faridabad

ब्रिजेश कुमार गर्ग
BRIJESH KUMAR GARG
प्रबंधक (वित्त)
General Manager (Finance)
DBF-HQ, Hydro-HQ & In-charge SSC-Finance
NTPC Limited
(A Government of India Enterprise)
Village : Mupari, P.O. : Neemka, Faridabad-121004, Haryana

Kanjayal
12/10/19

80

Details/ Information to be provided to beneficiaries under clause (7) of Regulation 30 of CERC (Terms and Condition of Tariff) Regulations, 2014

Details/information to be submitted in respect of Fuel for Computation of Energy Charges:

NTPC Ltd

National Capital Thermal Power Station, Dadri Stage-II

Fuel: Coal Month -Dec.'18

S. No.	Particulars	Unit	Domestic	Imported
1	Quantity of Coal/Lignite supplied by Coal/Lignite Company #	MT	844165.289	0.000
2	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	MT	-470.185	0.000
3	Coal supplied by Coal/Lignite Company (1+2)	MT	843695.104	0.000
4	Normative Transit & Handling Losses (For coal/Lignite based Projects)	MT	4778.408	0.000
5	Net coal /Lignite Supplied (3-4)	MT	838916.696	0.000
6	Amount charged by the Coal /Lignite Company	Rs.	2993581924	0
7	Adjustment (+/-) in amount charged made by Coal/Lignite Company	Rs.		
8	Total amount Charged (6+7)	Rs.	2993581924	0
9	Transportation charges by rail/ship/road transport	Rs.	1339747643	0
10	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.		
11	Demurrage Charges, if any	Rs.	0	0
12	Cost of Diesel in transporting coal through MGN system, if applicable	Rs.		
13	Total Transportation Charges (9+10-11+12)	Rs.	1339747643	0
13A	Oilers (Stone picking charges, Loco drivers salary, etc)	Rs.	-95912265	0
14	Total amount charged for the coal /lignite supplied including transportation (8+13+13A)	Rs.	4237417302	0
15	Landed cost of coal/Lignite (14/5)	Rs/MT	5051.06	0.000
16	Blending Ratio (Domestic / Imported)		100.00	0.00
17	Weighted average cost of coal /Lignite	Rs/MT	5051.06	
18	GCV of domestic coal as per bill of coal company* (EQ Basis)	Kcal/Kg	5414	
19	GCV of Imported coal as per bill of coal company (ADB Basis)	Kcal/Kg		No receipt during the month
20	Weighted average GCV of coal / Lignite as billed**	Kcal/Kg	5414	
21	GCV of Domestic Coal as received at Station (TM Basis)	Kcal/Kg	3756	
22	GCV of Imported Coal as received at Station (TM Basis)	Kcal/Kg		
23	Weighted average GCV of coal/ Lignite as Received (TM Basis)	Kcal/Kg	3756	

This includes opening stock

This includes value of opening stock

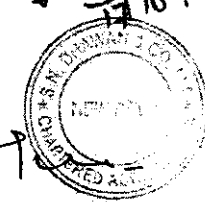
* Excluding Washed, E-Auction, & Diverted Coal

** Weighted average GCV (as billed) does not include Washed Coal, E- Auction Coal & Diverted Coal.

D.C. Agrawal
डी० सी० अग्रवाल / D. C. AGRAWAL
 वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
 एन टी सी लिमिटेड / फरीदाबाद नैचुअल गैस पॉवर स्टेशन
 NTPC Ltd. Faridabad / (SSC Hydro/DBF), Faridabad
 फरीदाबाद / Faridabad

ब्रिजेश कुमार गर्ग
BRIJESH KUMAR GARG
 महाप्रबंधक (वित्त)
 General Manager (Finance)
 DGF-HQ, Hydro-HQ & In-charge SSC-Finance
NTPC Limited
 (A Government of India Enterprise)
 Village - Mundol, P.O. - Narnoke, Faridabad-121004 (Haryana)

Kanjay Arora
 17/10/19



81 5

Details of Secondary Fuel for Computation of Energy Charges

Name of the Company : NTPC Limited
Name of the Power Station : NCTPS St-II

Sl.No.	Month	Unit	Oct-18		Nov-18		Dec-18	
			LDO	HFO	LDO	HFO	LDO	HFO
1	Quantity of Oil supplied by Oil Company	KL	3093	3375	3069.68	3279	3042	2495
2	Adjustment(+/-) in quantity supplied made by Oil Company	KL						0
3	Oil supplied by Oil Company (1+2)	KL	3093	3375	3070	3279	3042	2495
4	Normative Transit & Handling Losses	KL						0
5	Net Oil Supplied (3-4)	KL	3093	3375	3070	3279	3042	2495
6	Amount charged by the Oil Company	(Rs)	143386076	116073865	142319726	112772673	141021560	85789899
7	Adjustment(+/-) in amount charged made by Oil Company	(Rs)						
8	Total amount charged (6+7)	(Rs)	143386076	116073865	142319726	112772673	141021560	85789899
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)	143386076	116073865	142319726	112772673	141021560	85789899
16	Weighted average GCV of Oil as fired	(kCal/L)	9781		9881		9766.55	
17	Weighted average rate of Secondary Fuel	Rs/KL	46363.05	34387.42	46363.05	34387.42	46363.05	34387.42

Note: In terms of the order of Hon'ble Supreme Court regarding ban on use of HFO, main secondary fuel at NCTPS-II is LDO w.e.f. 01.01.2019 and the same has been considered for calculation of Working Capital.


PETITIONER

Computation of Energy Charges

Form-15B
ADDITIONAL FORM

Name of the Company	NTPC Limited
Name of the Power Station	NCTPS SI-II

Computation of Energy Charges

1 Rate of Energy Charge from Sec. Fuel Oil/ Alternate Fuel (p/kwh)
 $= (Q_{e,h}) \times P_e$ 2.318

2 Heat Contribution from SFO / Alternate Fuel (H_s)
 $= (Q_s)_h \times (GCV)_s$ 4.905

3 Heat Contribution from coal (H_p)
 $= GHR - H_s$ 2377.10

4 Specific Primary Fuel Consumption (Q_p)
 $= H_p / (GCV)_p$ 0.642

5 Rate of Energy charge from Primary Fuel (p/kwh) (REC)
 $= (REC)_p$ 329.478

6 Rate of Energy charge ex-bus (p/kWh) (REC)
 $= ((REC)_s + (REC)_p) / (1 - (AUX))$ 352.039

	2019-20	2020-21	2021-22	2022-23	2023-24
No of Days in the year	366	365	365	365	366
Sp. Oil consumption ml/kwh	0.5	0.5	0.5	0.5	0.5
Auxiliary consumption %	5.75	5.75	5.75	5.75	5.75
Heat Rate Kcal/Kwh	2,382.00	2,382.00	2,382.00	2,382.00	2,382.00

Computation of Variable Charges

Variable Charge (Coal) p/kwh	349.579	349.579	349.579	349.579	349.579
Variable Charge (Oil) p/kwh	2.460	2.460	2.460	2.460	2.460
Total p/kwh	352.039	352.039	352.039	352.039	352.039

Price of fuel from Form-15/15A

Coal Cost (Rs./MT)	5135.17	5135.17	5135.17	5135.17	5135.17
Oil Cost (Rs./KL)	46363.05	46363.05	46363.05	46363.05	46363.05

Computation of Fuel Expenses for Calculation of IWC:

ESO in a year (MUs)	6896.34	6877.50	6877.50	6877.50	6896.340
ESO for 50 days (MUs)	942.123	942.123	942.12	942.12	942.123
Cost of coal for 45 Days (Rs. Lakh)	32934.66	32934.66	32934.66	32934.66	32934.66
Cost of oil for 2 months (Rs. Lakh)	282.70	281.93	281.93	281.93	282.70
Energy Expenses for 45 days (Rs. Lakh)	29849.75	29849.75	29849.75	29849.75	29849.75

Coal	3rd month	2nd month	1st month	Wtd. Avg.
Wtd. Avg. Price of Coal Rs./MT	5157.50	5205.50	5051.06	5135.17
Wtd. Avg. GCV of Coal as received kCal/Kg	3821	3797	3756	3789.88
Wtd. Avg. GCV of Coal as received after adjustment of 85 kcal/kg				
Sec. Oil				3704.88
Wtd. Avg. Price of Secondary Fuel Rs/KL	46363.05	46363.05	46363.05	46363.05
Wtd. Avg. GCV of Secondary Fuel kCal/L	9781.45	9880.97	9766.55	9809.72

PETITIONER

Name of the Petitioner NTPC Ltd.
Name of the Generating Station NCTPS St-II

Statement of Capital cost

(Amount in Rs. Lakh)

Sl.	Particulars	01.04.2019
A	a) Opening Gross Block Amount as per books	5,18,796.42
	a-1) Opening Gross Block Amount on Dadri Loni Road Transmission Line as per books	11,284.23
	b) Amount of capital liabilities in A(a) above	7,006.63
	b-1) Amount of capital liabilities in A(a-1) above	80.65
	c) Amount of IDC in A(a) above	4,15,144.56
	c-1) Amount of IDC in A(a-1) above	2,260.71
	d) Amount of FC in A(a) above	
	d-1) Amount of FC in A(a-1) above	
	e) Amount of FERV in A(a) above	1,764.34
	e-1) Amount of FERV in A(a-1) above	-
	f) Amount of Hedging Cost in A(a) above	-
	f-1) Amount of Hedging Cost in A(a-1) above	-
	g) Amount of IEDC in above	4,400.84
B	a) Addition in Gross Block Amount during the period (Direct purchases)	
	a-1) Addition in Gross Block Amount during the period (Direct purchases) on Dadri Loni Road Transmission Line	
	b) Amount of capital liabilities in B(a) above	
	b-1) Amount of capital liabilities in B(a-1) above	
	c) Amount of IDC in B(a) above	
	d) Amount of FC in B(a) above	
	e) Amount of FERV in B(a) above	
	f) Amount of Hedging Cost in B(a) above	
	g) Amount of IEDC in above	
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)	
	a-1) Addition in Gross Block Amount during the period (Transferred from CWIP) on Dadri Loni Road Transmission Line	
	b) Amount of capital liabilities in C(a) above	
	b-1) Amount of capital liabilities in C(a-1) above	
	c) Amount of IDC in C(a) above	
	c-1) Amount of IDC in C(a-1) above	
	d) Amount of FC in C(a) above	
	d-1) Amount of FC in C(a-1) above	
	e) Amount of FERV in Gross Block	
	e-1) Amount of FERV in C(a-1) above	
	f) Amount of Hedging Cost in C(a) above	
	f-1) Amount of Hedging Cost in C(a-1) above	
	g) Amount of IEDC in above	
D	a) Deletion in Gross Block Amount during the period	
	a-1) Deletion in Gross Block Amount on Dadri Loni Road Transmission Line during the period	
	b) Amount of capital liabilities in D(a) above	
	b-1) Amount of capital liabilities in D(a-1) above	
	c) Amount of IDC in D(a) above	
	c-1) Amount of IDC in D(a-1) above	
	d) Amount of FC in D(a) above	
	d-1) Amount of FC in D(a-1) above	
	e) Amount of FERV in D(a) above	
	e-1) Amount of FERV in D(a-1) above	
	f) Amount of Hedging Cost in D(a) above	
	f-1) Amount of Hedging Cost in D(a-1) above	
	g) Amount of IEDC in above	
E	a) Closing Gross Block Amount as per books	
	a-1) Closing Gross Block Amount on Dadri Loni Road Transmission Line as per books	
	b) Amount of capital liabilities in E(a) above	
	b-1) Amount of capital liabilities in E(a-1) above	
	c) Amount of IDC in E(a) above	
	c-1) Amount of IDC in E(a) above	
	d) Amount of FC in E(a) above	
	d-1) Amount of FC in E(a-1) above	
	e) Amount of FERV in E(a) above	
	e-1) Amount of FERV in E(a-1) above	
	f) Amount of Hedging Cost in E(a) above	
	f-1) Amount of Hedging Cost in E(a-1) above	
	g) Amount of IEDC in above	

Shall be
submitted at the
time of Truing UpS
(Petitioner)

Name of the Petitioner
Name of the Generating StationNTPC Ltd.
NCTPS St-II**Statement of Capital Work in progress**

(Amount in Rs. Lakh)

Sl. No.	Particulars	01.04.2019
A	a) Opening CWIP as per books	19,043.53
	a-1) Opening CWIP as per books on Dadri Loni Road Transmission Line	-
	b) Amount of capital liabilities in A(a) above	7,143.29
	b-1) Amount of capital liabilities in A(a-1) above	-
	c) Amount of IDC in A(a) above	28.61
	c-1) Amount of IDC in A(a-1) above	-
	d) Amount of FC in A(a) above	-
	d-1) Amount of FC in A(a-1) above	-
	e) Amount of FERV in A(a) above	-
	e-1) Amount of FERV in A(a-1) above	-
	f) Amount of Hedging Cost in A(a) above	-
f-1) Amount of Hedging Cost in A(a-1) above	-	
B	a) Addition in CWIP during the period	
	a-1) Addition in CWIP during the period on Dadri Loni Road Transmission Line	
	b) Amount of capital liabilities in B(a) above	
	b-1) Amount of capital liabilities in B(a-1) above	
	c) Amount of IDC in B(a) above	
	c-1) Amount of IDC in B(a-1) above	
	d) Amount of FC in B(a) above	
	d-1) Amount of FC in B(a-1) above	
	e) Amount of FERV in B(a) above	
	e-1) Amount of FERV in B(a-1) above	
	f) Amount of Hedging Cost in B(a) above	
f-1) Amount of Hedging Cost in B(a-1) above		
C	a) Transferred to Gross Block Amount during the period	
	a-1) Transferred to Gross Block Amount during the period on Dadri Loni Road Transmission Line	
	b) Amount of capital liabilities in C(a) above	
	b-1) Amount of capital liabilities in C(a-1) above	
	c) Amount of IDC in C(a) above	
	c-1) Amount of IDC in C(a-1) above	
	d) Amount of FC in C(a) above	
	d-1) Amount of FC in C(a-1) above	
	e) Amount of FERV in C(a) above	
	e-1) Amount of FERV in C(a-1) above	
	f) Amount of Hedging Cost in C(a) above	
f-1) Amount of Hedging Cost in C(a-1) above		
D	a) Deletion/Adj. in CWIP during the period	
	a-1) Deletion in CWIP during the period on Dadri Loni Road Transmission Line	
	b) Amount of capital liabilities in D(a) above	
	b-1) Amount of capital liabilities in D(a-1) above	
	c) Amount of IDC in D(a) above	
	c-1) Amount of IDC in D(a-1) above	
	d) Amount of FC in D(a) above	
	d-1) Amount of FC in D(a-1) above	
	e) Amount of FERV in D(a) above	
	e-1) Amount of FERV in D(a-1) above	
	f) Amount of Hedging Cost in D(a) above	
f-1) Amount of Hedging Cost in D(a-1) above		
E	a) Closing CWIP as per books	
	a-1) Closing CWIP as per books on Dadri Loni Road Transmission Line	
	b) Amount of capital liabilities in E(a) above	
	b-1) Amount of capital liabilities in E(a-1) above	
	c) Amount of IDC in E(a) above	
	c-1) Amount of IDC in E(a-1) above	
	d) Amount of FC in E(a) above	
	d-1) Amount of FC in E(a-1) above	
	e) Amount of FERV in E(a) above	
	e-1) Amount of FERV in E(a-1) above	
	f) Amount of Hedging Cost in E(a) above	
f-1) Amount of Hedging Cost in E(a-1) above		

Shall be submitted at
the time of Truing Up

Note:


(Petitioner)

Calculation of Interest on Normative Loan

Name of the Company :		NTPC Limited						
Name of the Power Station :		NCTPS St-II						
S. No.	Particulars	(Amount in Rs Lakh)						
		Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	
1	2	3	4	5	6	7	8	
1	Gross Normative loan – Opening	3,48,669.25	3,48,692.83	3,48,692.83	3,49,863.22	3,51,613.22	3,86,613.22	
2	Cumulative repayment of Normative loan up to previous year	1,87,454.89	2,12,232.54	2,37,368.31	2,62,546.27	2,87,829.48	3,14,437.27	
3	Net Normative loan – Opening	1,61,214.36	1,36,460.29	1,11,324.52	87,316.95	63,783.73	72,175.94	
4	Add: Increase due to addition during the year / period	283.96	-	1,170.39	1,750.00	35,000.00	-	
5	Less: Decrease due to de-capitalisation during the year / period	-351.31	0.00	0.00	0.00	0.00	0.00	
6	Less: Decrease due to reversal during the year / period							
7	Add: Increase due to discharges during the year / period	90.93	0.00	0.00	0.00	0.00	0.00	
8	Less: Repayment of Loan	25128.96	25,135.77	25,177.96	25,283.21	26,607.79	14,140.36	
9	Net Normative loan - Closing	1,36,369.36	1,11,324.52	87,316.95	63,783.73	72,175.94	58,035.58	
10	Average Normative loan	1,48,791.86	1,23,892.40	99,320.73	75,550.34	67,979.84	65,105.76	
11	Weighted average rate of interest	8.793	8.927	9.038	8.967	8.861	8.683	
12	Interest on Loan	13083.27	11060.00	8976.61	6774.67	6023.56	5652.87	

(Petitioner)

Calculation of Interest on Normative Loan

Name of the Company NTPC Ltd
 Name of the region Northern Region
 Name of the Power Station NCTPS-II, Dadri
 Name of the transmission elemer Dadri-Loni Road 400 KV D/C line

Particulars	(Amount in Rs. Lakh)							
	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24		
1	3	4	5	6	7	8		
Gross Normative loan - Opening	7842.43	7842.50	7842.50	7842.50	7842.50	7842.50		7842.50
Cumulative repayment of Normative Loan upto previous year	2092.44	2683.98	3275.53	3867.08	4458.63	5050.18		5050.18
Net Normative loan - Opening	5750.00	5158.52	4566.97	3975.42	3383.87	2792.32		2792.32
Increase/Decrease due to ACE/de-capitalization during the Year	0.07	0.00	0.00	0.00	0.00	0.00		0.00
Repayments of Normative Loan during the year	591.55	591.55	591.55	591.55	591.55	591.55		591.55
Net Normative loan - Closing	5158.52	4566.97	3975.42	3383.87	2792.32	2200.77		2200.77
Average Normative Loan	5454.26	4862.74	4271.19	3679.65	3088.10	2496.55		2496.55
Weighted average Rate of Interest of actual Loans	8.7930%	8.9271%	9.0380%	8.9671%	8.8608%	8.6826%		8.6826%
Interest on Normative loan	479.59	434.10	386.03	329.96	273.63	216.77		216.77

(Petitioner)

Calculation of Interest on Working Capital

Name of the Company :		NTPC Limited							
Name of the Power Station :		NCTPS St-II							
		(Amount in Rs Lakh)							
S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24		
1	2	3	4	5	6	7	8		
1	Cost of Coal/Lignite	35,277.78	32934.66	32934.66	32934.66	32934.66	32934.66		
2	Cost of Main Secondary Fuel Oil	221.80	282.70	281.93	281.93	281.93	282.70		
3	Fuel Cost								
4	Liquid Fuel Stock								
5	O & M Expenses	2,069.04	1995.74	2078.77	2166.07	2258.22	2354.90		
6	Maintenance Spares	4,965.70	4789.78	4989.05	5198.56	5419.72	5651.75		
7	Receivables	53,742.77	42021.95	41932.72	41814.38	42216.13	40910.51		
8	Total Working Capital	96277.10	82024.83	82217.13	82395.60	83110.66	82134.52		
9	Rate of Interest	13.5000	12.0500	12.0500	12.0500	12.0500	12.0500		
10	Interest on Working Capital	12997.41	9883.99	9907.16	9928.67	10014.83	9897.21		

S. Sharma
Petitioner

**PART-III
FORM- O (II)**

Calculation of Interest on Working Capital

Name of the Company **NTPC Ltd**
 Name of the region **Northern Region**
 Name of the Power Station **NCTPS-II, Dadri**
 Name of the transmission elen **Dadri-Loni Road 400 KV D/C line**

Sl. No.	Particulars	(Amount in Rs. Lakh)							
		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24		
1	2	4	5	6	7	8	9		
1	O & M Expenses	3.58	3.91	4.05	4.19	4.34	4.49		
2	Maintenance Spares	6.44	7.04	7.29	7.55	7.81	8.08		
3	Receivables	303.41	213.40	207.59	200.80	193.97	187.09		
4	Total Working Capital	313.43	224.35	218.93	212.53	206.12	199.66		
5	Rate of Interest	13.50%	12.05%	12.05%	12.05%	12.05%	12.05%		
6	Interest on Working Capital	42.31	27.03	26.38	25.61	24.84	24.06		

(Petitioner)

Flow of Capital liabilities

Amount in Rs.

Name of the Generating Station

Sr. No.	Name of the Party	Name of the work	Year of creation of liability capitalised in Gross Block	Undischarged liabilities relating to GB 01.04.2019
(1)	(2)	(3)	(4)	(5)
1	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 5	2009-10	1,39,30,824
2	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 5	2013-14	2,95,943
3	1035771 BHEL NEW DELHI	Steam Generator : UNIT # 6	2010-11	45,66,84,207
4	1035771 BHEL NEW DELHI	TURBINE GENERATOR : UNIT # 6		20,11,195
5	1026617 ELECON ENGINEERING CO LTD	CHP-TURNKEY (Stage II)	2009-10	3,34,44,303
6	1006889 PAHARPUR COOLING TOW	COOLING TOWER (Stage II)	2009-10	1,28,15,488
7	1006663 BHARAT HEAVY ELECTRI	STATION C&I (Stage II)	2010-11	74,33,215
8	1004972 THE INDURE PVT LTD	ASH HANDLING - SUPPL & EREC (Stage II)	2010-11	11,18,19,125
9	1048629 Mx Systems Internati	FIRE DETECTION & PROTECTION SYSTEM (Stage II)	2009-10	4,47,459
10	1006601 ABB INDIA LTD	HT SWITCHGEARS (11,3.3 KV) (Stage II)	2009-10	2,40,000
11	1001982 GE INDIA INDUSTRIAL	LT SWITCHGEARS AND LT BUSDUCT (Stage II)	2010-11	4,89,434
12	1003184 LARSEN & TOUBRO LTD	ELECTRICAL EQUIPMENT SUPPLY & ERECTION (Stage II)	2010-11	26,082
14	1014553 WPIL LTD	CW & MAKE-UP WATER SYSTEM (Stage II)	2010-11	14,50,200
15	1001499 DRIPLEX WATER ENGINEERING LTD	PRETREATMENT PLANT (Stage II)	2010-11	1,30,42,520
16	1001499 DRIPLEX WATER ENGINEERING LTD	DM PLANT (Stage II)	2010-11	20,07,777
17	1001499 DRIPLEX WATER ENGINEERING LTD	CPU PKG	2011-12	5,88,348
19	1003114 KUMAR CONSTRUCTION CO	Ash Brick Plant 55-4479	2011-12	6,02,008
22	1074259 Aakar Engineers & Contractors	PATROLLING ROAD AT R&D YARD(55-9238	2012-13	30,000
24	1101572 CST & CO	Bituminous road surfacing and cement concrete road in Plant Premises at NCPS Dadr. 55-10800	2012-13	6,825
25	1032847 ERA INFRA ENGINEERING LIMITED	Piling foundation	2012-13	5,21,443
27	1004965 THE ENERGY & RESOURC	Bio-Methanation Plant	2013-14	1,245
33	1111206 CEECO TECHNOLOGIES PVT LTD (5500012954)	Electrification work -TOWNSHIP AUDITORIUM	2014-15	3,71,925
36	1085272 Comfort Systems (5500008638)	Electrification work -TOWNSHIP AUDITORIUM	2014-15	17,47,376
37	1047432 ANURAG ENTERPRISES	CIVIL WORKS : SER BUILDING	2014-15	1,24,72,627
38	1046309 P R ENTERPRISES	ET HOSTEL STAGE-II		1,09,281
39	1024032 ONKAR PLASTER DECORATION WORKS	ACOUSTIC TREATMENT FOR AUDITORIUM AT NCPS DADRI	2014-15	12,86,886
41	1014322 TECHNOWARE SYSTEMS INDIA (P) L	CCTV camera	2015-16	64,000
42	1032847 ERA INFRA ENGINEERING LIMITED	AUXILIARY BUILDING(FIRE STATION BUILDING)		66,568
45	EPP COMPOSITES PVT LTD	M1050940043 STORAGE TANK:HYDROCHLORIC ACID:FRP-300	2017-18	6,53,181
	TOSHI AUTOMATIC SYSTEMS PVT LTD	Supply & installation boom barrier Township Gate	2017-18	13,150
		S.Total of Items Claimed & Allowed		67,46,72,614
1			0	
2	1009520 INTERNAL ELECTRONICS	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM for O&M	2015-16	39,900
3	1134879 SHIFALI BUSINESS	DIGITAL DUPLICATOR:90-129 PPM	2015-16	13,000
4	1064216 RICOH INDIA LTD	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM	2015-16	1,70,000
5	1035962 FORTUNA IMPEX PTE.LT	Biometric Time Attendance System	2016-17	4,54,705
6	1052492 GANGOTRI ENTERPRISES LTD	RESERVOIR	2016-17	1,79,47,721
15	1128778 LOGICLADDER TECHNOLOGIES PVT L	Supply RealTimeDataTransmission Hardware	2016-17	25,500
17	1107398 SVS TECHNOLOGY SERVICES PVT LT	NAS BASED STORAGE - SAS, 10TB	2016-17	67,500
18	1134879 SHEFALI BUSINESS SYSTEM	N/W LASERJET: A3, COLOR, PRINT,COPY&SCAN	2016-17	28,300
20	1041746 BEML LIMITED	WHEEL LOADER FITTED WITH TORQUE CONVERTR	2016-17	11,174
23	1047402 AMPEE TRADING CO	M3247576038 KIRLOSKAR PUMP ASSY MODEL DSM 125/40	2016-17	49,000
26	1000319 AMCO INDUSTRIES	M5101906099N SEALING RING (IN 8 PARTS) 01050509000	2017-18	2,55,200
27	1000560 ASTECH MARKETING PVT LTD	M9481058076 ACTUATOR COMPLETE,AUMA SA10.1,STG DRAI	2017-18	6,136
28	1001992 GEECO ENERCON PVT LTD	M4750016758 PAPH ASSY:27.5 VIM:(CW+CCW)FLEXI RAD(H	2017-18	75,069
31	1006827 LARSEN & TOUBRO LTD	M8564265080 AIR CIRCUIT BREAKER RS IS:10027800 A	2017-18	29,46,985
33	1020285 ACME OFFICE SOLUTIONS PVT LIMITED	A3 SIZE DIGITAL COPIER,COPY SPEED 20 CPM	2017-18	41,000
38	1146694 ARORA TRADING COMPANY	TOWER TYPE 4TON AIRCONDITIONER	2017-18	3,200
39	1146694 ARORA TRADING COMPANY	WINDOW AIR CONDITIONER 1.5 TON	2017-18	9,200
40	1010543 AGMATEL INDIA PVT.LTD	DESKTOP PC: CORE-I5, ALL IN ONE,8GB M9713020084	2018-19	7,48,901
41	1126452 ANB COMPUTER SOLUTIONS PVT LTD	SCANNER A4 SIZE 1200 DPI	2018-19	31,500
42	1126452 ANB COMPUTER SOLUTIONS PVT LTD	SERVER - INTEL XEON,DUAL CPU,WITH OS	2018-19	5,47,871
43	1042318 NAT STEEL EQUIPMENT PVT LTD	AUTOCLAVE: HORIZONTAL	2018-19	43,000
44	1098433 BLUEFIC INDUSTRIAL AND SCIENTIFIC	MORTUARY CHAMBER (TWO BODIES)	2018-19	2,65,500
45	1050575 ROYAL TRADELINKS PVT LTD	FOGGING M/C:SMALL	2018-19	1,51,158
46	1004006 NUTECH JETTING EQUIPMENTS INDIA	M3100500099_PUMP:HEAD(10000-12000M):FLOW(2018-19	2,19,000
47	1080251 Clyde Pumps India Pvt Ltd	M3136806131_IMPPELLER 1ST STAGE#44-WEIR BFP-PR:FK4E	2018-19	1,27,000
48	1037002 SCHRADER DUNCAN LTD.	M5656046006N_900X900-STROKE CYL ASSY	2018-19	56,000
49	1119225_BERCO UNDERCARRIAGES(INDIA) PVT LTD	M5530028012_AF#93:COMP CHAIN ASSEMBLY	2018-19	33,458
50	1006713 CG POWER AND INDUSTRIAL SOLUTIONS	M8752219501_HV BSNQ+M PRT&GSKT:125MVAR 400KV SH RC	2018-19	8,70,000
51	1000560 ASTECH MARKETING PVT LTD	M9481406003_AUMA(G) SA10.1-F10-B1-8 - 705130	2018-19	7,52,980
		S.Total of Items not claimed		2,69,89,966
		TOTAL (DADRI ST-II THERMAL)		70,06,62,670
	POWER GRID CORPORATION OF INDIA LTD	400KV D/C TRANSMISSION LINE-1	2014-15	80,66,447
		G.TOTAL		70,87,28,017

S. (Petitioner)

Summary of issue involved in the petition

Name of the Company :		NTPC Limited
Name of the Power Station :		NCTPS St-II
1	Petitioner:	NTPC Limited
2	Subject	DETERMINATION OF TARIFF FOR THE
3	<p>i) Approve tariff of Rihand St-I for the tariff period 01.04.2019 to 31.03.2024. ii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries. iii) Allow reimbursement of Ash Transportation Charges directly from the beneficiaries quarterly on net basis. iv) Consider station heat rate based on design heat rate with applicable operating margin. v) Pass any other order as it may deem fit in the circumstances mentioned above.</p>	
4	Respondents: 4	
	Name of Respondents	
	1. Uttar Pradesh Power Corp. Ltd. (UPPCL) Shakti Bhawan 14, Ashok Marg, Lucknow – 226 001.	2. Tata Power Delhi Distribution Ltd. Grid Substation, Hudson Road Kingsway Camp Delhi-110009.
	3. BSES Rajdhani Power Ltd., 2nd floor, B-Block BSES Bhawan, Nehru Place New Delhi-110019.	4. BSES Yamuna Power Ltd., Shakti Kiran Building Karkardooma Delhi-110092
5	Project Scope	980 MW Super Thermal Power Station
	COD	31.07.2010
		(Rs Cr)
	Claim	54,171.98
	2019-20	-
	2020-21	1,671.98
	2021-22	2,500.00
	2022-23	50,000.00
	2023-24	-
	AFC (2019-20)	99,000.55
	Capital cost as on 01.04.2019	4,98,132.61
	NAPAF (Gen)	85%
	Any Specific	

S. W.

1306
3/10/19**SECRET**

F.No.1/6/2011/IT (E-22-Part-1) (246867)
Government of India
Ministry of Power

Shram Shakti Bhavan, Rafi Marg,
New Delhi, Dated: 23rd October, 2019

To

1. Chairperson-CEA
2. CMD-NTPC/NHPC/POWERGRID/PFC/REC/NEEPCO/THDC/POSOCO/SJVNL
3. Chairman-DVC/BBMB
4. DG-BEE/NPTI/CPRI
5. Secretary-CERC/ATE
6. MD-EESL
7. CISO-MoP [Kind.Attn. Shri MAKP Singh, CE(IT), CEA]
8. CERT-Thermal/Hydro/Transmission/Distribution
9. Sr.Tech.Dir. (NIC)-MoP

All directors

Sir,

I am directed to inform that reliable inputs indicate that Pak based anti-India agencies have prepared a blue print to hack/exploit computer/cyber systems in India and are exploring capabilities towards implementing the same immediately.

2. This new strategy aims to concentrate efforts towards disrupting important Indian economic hubs and vital installations, through cyber attacks and disrupting the computer systems as an alternative to trans-border terrorism. Such attacks, especially on our power, transport, financial and energy related systems, can potentially damage economic activities in the country and cause large scale disruption in affected areas/sectors.

3. Keeping in view of the prevailing security scenario in the country, it is requested to urgently review and strengthen the cyber/computer and physical security of vital installations and critical infrastructure.

4. The matter may be accorded top priority.

Yours Faithfully,

(Signature)
(Praveen Kumar)

Under Secretary to the Govt. of India

Tel.No.23715507 ext. 281

mop@nic.in

Stu.92