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Petition No :

Bongaigaon Thermal power Station(3x250 MW)

DETERMINATION 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 Bongaigaon Thermal Power Station (3X250 MW) for the period from 01.04.2019 to 31.03.2024.

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BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION NEW DELHI

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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 **Bongaigaon Thermal Power Station (3X250 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:

- Assam Power Distribution Company Ltd Bijulee Bhawan, Paltan Bazar, Guwahati – 782 001
- Meghalaya Energy Corporation Ltd Short Round Road, Shillong – 793 001
- Department of Power Government of Arunachal Pradesh Itanagar
- 4. Power and Electricity Department Govt. of Mizoram Aizawal 796001

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- Manipur State Power Distribution Company Ltd. Khwai Bazar, Keishampat Imphal 795001
- Department of Power Govt of Nagaland, Kohima
- Tripura State Electricity Corporation Limited Bidyut Bhawan, North Banamalipur Agartala – 700 001

The Petitioner humbly states that:

- 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 Bongaigaon Thermal Power Station (3X250 MW) (hereinafter referred to as 'BgTPS') is one such station located in the State of Assam. The power generated from BgTPS 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')

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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 **BgTPS** for the period from 01.04.2019 to 31.03.2024 as per the Tariff Regulations 2019.

6) The tariff of the Unit#1 (250 MW) of BgTPS for the tariff period 1.4.2014 to 31.3.2019 was determined by the Hon'ble Commission vide its order dated 22.05.2017 in Petition No. 45/GT/2016 in accordance with the CERC (Terms & Conditions of Tariff) Regulations 2014. Further, Hon'ble Commission vide Review Order dated 23.07.2018 has rejected the certain aspect raised by petitioner. The Petitioner thereafter had filed an Appeal (being No. 137 of 2019) in Appellate Tribunal of Electricity on certain aspects of the order dated 22.05.2017. The appeal is under consideration of the Hon'ble Appellate Tribunal of Electricity. The petitioner vide affidavit dated 02.08.2019 had filed a amended true up petition for the period 01.04.2014 to 31.03.2019 for revision of tariff based on audited financial statement as on actual COD of Uni#2 and unit#3 in line with the applicable provisions of Tariff Regulations 2014.

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- 7) The Hon'ble Commission vide order dated 22.05.2017 in Petition no 45/GT/2016 has allowed a capital cost of Rs 2247.69 Cr. as on 31.03.2019 corresponding to Unit#1 based on the admitted projected capital expenditure (uni#1) for the 2014-19 period. However, the actual closing capital cost as on 31.03.2019 has been worked out in the foresaid amended/true-up petition as Rs. 6272.99 Crs of all 03 units based on the actual expenditure after truing up exercise for the period 2014-19. Since, the Petitioner is not having admitted capital cost of all 03 units as on 31.03.2019, the opening capital cost as on 01.04.2019 has been considered as Rs 6272.99 Cr. in the instant petition as filed in true up petition filed vide affidavit dated 02.08.2019. The Hon'ble Commission may be pleased to accordingly adopt this capital cost as on 31.3.2019 and determine the tariff in the present petition for the period 2019-24.
- 8) The capital expenditure claimed in the instant petition is based on the opening capital cost as on 01.04.2019 considered as above and estimated projected capital expenditures for the period 2019-24 based on the Regulation 19 and Regulation 24 and 25 of the Tariff Regulations, 2019.
- 9) The Petitioner further respectfully submits that as per Regulation 35(1)(6) of the Tariff Regulations 2019, the water charges, security expenses and capital spares consumed for thermal generating stations are to be allowed separately. Presently, petitioner is not claiming water charges as State Water authorities/department Is not raising water bills. It is prayed that Hon'ble Commission may be pleased to give liberty to the petitioner to claim the same based on actuals at the time of truing up.
- 10) Security expenses are shown as zero in form 3A to match with this plea. 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.

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- 11) It is submitted that the coal linkage for Bongaigaon TPS is from North Eastern Coalfields Limited (NECL) and Eastern Coalfields Limited (ECL). As per EC granted, the use of NECL coal requires desulphurization of flue gas before emission through stack in view of its high sulphur content. In view of the above, Flue Gas Desulfurization (FGD) system is being installed in Bongaigaon TPS units to minimize SO2 emissions as a part of original scope of work of the project.
- Further, the Ministry of Environment, Forest and Climate Change, Government of India 12) ("MoEFCC") has notified the Environment (Protection) Amendment Rules, 2015 ("MoEFCC Notification") dated 07.12.2015, which mandates that all thermal power plants installed / to be installed, are required to comply with the revised emission norms as specified in the MOEF Notification. A copy of the notification dated 07.12.2015 is attached as Annexure-A. In the said notification, MOEF has further tightened the norms for SOx emissions. Therefore, in compliance of the said notification, change/modification of FGD is required in technical design to meet new norms. In view of the technical design changes, the work of FGD of Unit#1 is expected to complete within cut off date (Dec'21) but FGD of Unit#2 &3 is expected to be completed after cut off date i.e Sep'21 & Dec'21. This time line is as per the time line agreed by MOEF, GOI letter dated 22.04.2019(Attached as Annexure-B). In view of the above, Hon'ble Commission may be pleased to allow the expenditure of FGD beyond cut off date under Change in Law. In view of the above, it is prayed that Hon'ble Commission may be pleased to allow the expenditure on installation of FGD/ design change and relaxed operating norms on above account after the capitalization of FGD during tariff period 2019-24
- 13) It is submitted that the Auxiliary Power Consumption (APC) of each unit of Bongaigaon is expected to increase by approximately 3.1016 % due to installation of FGD. However, Hon'ble Commission, vide order dated 22.05.2017 in petition no 45/GT/2017, has allowed the additional APC of 1% for FGD in line with the additional APC allowed in case of VSTPS-V for FGD. However, liberty was also granted to approach the Hon' ble Commission at the time of true up.

14) In this regard, it is prayed that the technical specification of both FGDs of VSTPS-V and Bongaigaon TPS are entirely different. A comparison of both FGDs are as follows:

	Description	VSTPS-V	Bongaigaon TPS
1	Description	Flue gas desulphurization system	Flue gas desulphurization system
2	Manufacturer	Alstom India Ltd	Ducon Technologies Inc., USA and Ducon Technologies (I) Pvt Ltd
3	Sulphur content in Design coal	0.2 %	1.97 %
4	SO2 Removal efficiency	90.6 %	95.0 %
5	Limestone consumption	6,250 kg/hr for 500 MW	10,462 kg/hr for 250 MW. Therefore, lime stone consumption is around 2.5 times.
6	Specific Lime stone consumption	0.0162 Kg/Kwhr	0.0478 Kg/Kwhr
	Calculation of APC	Lanua and and and a	
7	Unit Capacity	500	250
8	Power Consumption in FGD of one unit (as per the certificate of OEM)	5.439 MW i.e. 1.09 %	4.050 MW i.e. 1.62 %
9	Maximum Continuous power demand of both ID Fans at Bongaigaon (2X3.695 MW)	ID Fans of this 500 MW are similar with other 500 MW units not having FGD. FGD has booster pump.	7.390 MW
10	Maximum Continuous power demand of both ID Fans at BRBCL Nabinagar (2X1.843 MW) having similar sized units of BHEL i.e. 250 MW but not having FGD	· · · · · · · · · · · · · · · · · · ·	3.686 MW
11	Additional power consumption of ID Fan at Bongaigaon (9-10) due to FGD		3.704 MW i.e. 1.482 %
12	Additional power consumption in one Unit due to FGD (8+12)	5.439 MW	7.754 MW
13	Additional APC of Unit due to installation of FGD (Indicative)	1.09%	3.1016%
14	Normative APC	5.75%	9.0%
15	Total APC (Indicative)		12.1016%

In view of the above it is prayed that Hon'ble Commission may please allow additional APC of 3.1016% in case of installation and commissioning of FGD in Bongaigaon TPS

- 15) Further, Regulations 14 & 16(c) of Tariff Regulations, 2019 provide that energy charge shall cover the cost of primary and secondary fuel and cost of lime stone. Accordingly, the Petitioner has claimed the energy charge based on the landed price of coal & oil and the estimated landed price of limestone @ Rs.2000 per MT including transportation cost as provisionally allowed by Hon'ble Commission in tariff order dated 22.05.2017 in petition no 45/GT/2016. Further, in terms of Regulation 34(a)(i)&(ii) of Tariff Regulations, cost of limestone is also considered for computation IWC.
- 16) In addition to increase in APC, the installation of FGD will also result in additional O&M expenses for the station towards operation and maintenance of FGD. Regulation 35(7) Tariff Regulations, 2019 provides additional O&M on account of implementation of revised emission standards on case to case basis. Keeping in view that the capital cost of FGD is approximately 10% of project capital cost, the Petitioner has claiming additional O&M expenses of 10% of O&M norms as provided in of FGD after the commissioning of FGD.
- 17) The Hon'ble Commission has prescribed boiler efficiency and turbine heat rate separately for deriving the unit heat rate where the Unit Heat Rate is not guaranteed by the suppliers. It is submitted that the instant station was envisaged during the period 2004-09 and equipments including SG and TG specifications for tendering / award was stipulated considering the boiler efficiency and the turbine heat rate prescribed by the Hon'ble Commission in the Tariff Regulations at that time. Based on the same the equipments were ordered through international competitive bidding. It was not possible for the petitioner to specify the efficiency parameters at the time of finalizing the contracts on the instant station as per the efficiency parameters specified in Tariff Regulations 2019-24 which are more stringent.

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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 85.01% the unit heat rate would be worked out to be 2286.43 kcal/kwh and the operating margin available over the design heat rate would be 3.3% only which is much less than the operating margin of 5% allowed in the Tariff Regulations 2019. Moreover, it is submitted that boiler efficiency is largely a function of coal quality. In view of above submissions it is prayed that Gross Station Heat rate may be allowed based on guaranteed turbine cycle heat rate of 1943.70 and boiler efficiency of 85.01% with a operating margin of 5 % from the guaranteed design value. The tariff computation attached at Appendix-I is based on considering Station Heat Rate as per design heat rate with applicable operating margin of 5%.

18) The Petitioner has already paid the requisite filing fee vide UTR No. CMS 1106438370 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.

- **19)** 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.
- 20) 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
- 21) 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 31.3.2019 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:

- Approve tariff of Bongaigaon Thermal Power Station (3X250 MW) 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.

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- iv) Consider station heat rate based on design heat rate with applicable operating margin.
- v) Allow additional APC of 3.1016% and additional O&M expenses for FGD.
- vi) Allow the expenditure on design change/modification of FGD and relaxed operating norms on above account.
- vii) Relaxation in cut off date for installation of FGD.
- viii) Pass any other order as it may deem fit in the circumstances mentioned above.

Place: NEW DELHI Date 31.01.2020

Petitioner

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BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION NEW DELHI

PETITION NO.....

IN THE MATTER OF :

Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of **Bongaigaon Thermal Power Station (3X250 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

 Assam Power Distribution Company Ltd Bijulee Bhawan, Paltan Bazar, Guwahati – 782 001

.....and Others

AFFIDAVIT

I, Rohit Chhabra, son of Sh. S M Chhabra, aged about 54 years, having office at NTPC Bhavan, SCOPE Complex, Lodhi Road, New Delhi do solemnly affirm and state as under:

- 1. That I am the Addl. 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. That I have read the contents of the accompanying Petition being filed by NTPC and have understood the same.
- 3. That the contents of the accompanying Petition being filed by NTPC are based on information available with the Petitioner in the normal course of business and believed by the deponent to be true.

(DEPONENT)

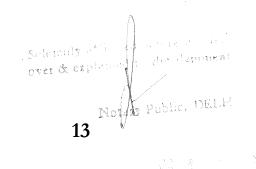
VERIFICATION

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 therefrom.

Verified at New Delhi on this day 3^{12} January 2020.

(DEPONENT)





TARIFF FILING FORMS (THERMAL)

FOR DETERMINATION OF TARIFF

FOR

Bongaiagon Thermal power Station(3x250 MW)

(From 01.04.2019 to 31.03.2024)

PART-I

APPENDIX-I

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Checklist of Main Tariff Forms and other information for ta	ariff filing for Thermal Stations
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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	1
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	✓
FORM- 4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	1
FORM-5A**	Abstract of Claimed Capital Cost for the existing Projects	✓
FORM- 6	Financial Package upto COD	1
FORM- 7	Details of Project Specific Loans	✓
FORM-8	Details of Allocation of corporate loans to various projects	1
FORM-9A**	Summary of Statement of Additional Capitalisation claimed during the period	1
FORM-9 ##	Statement of Additional Capitalisation after COD	1
FORM- 10	Financing of Additional Capitalisation	1
FORM- 11	Calculation of Depreciation on original project cost	1
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	1
FORM- 15	Details of Fuel for Computation of Energy Charges	✓
FORM- 15A	Details of Seconday Fuel for Computation of Energy Charges	✓
FORM- 15B	Computation of Energy Charges	1
FORM-16	Details of Limestone for Computation of Energy Charge Rate	NA
FORM-17	Details of Capital Spares	***
FORM- 18	Non-Tariff Income	***
FORM-19	Details of Water Charges	***
FORM-20	Details of Statutory Charges	***

** Additional Forms

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

PART-I

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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	***
FORMJ	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	✓ .

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

List of supporting documents for tariff filing for Thermal Stations

<u> </u>	List of supporting documents for tariff filing for Therman Stations	Tick
S. No.	Information / Document	
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
	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.	
2	B. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures for the existing station for relevant years.	NA
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
	Detailed note giving reasons of cost and time over run, if applicable.	
	List of supporting documents to be submitted:	
-	a. Detailed Project Report	NA
7	b. CPM Analysis	
÷	c. PERT Chart and Bar Chart	
	d. Justification for cost and time Overrun	
8	Generating Company shall submit copy of Cost Audit Report along with cost accounting records, cost details, statements, schedules etc. for the Generating Unit wise / stage wise/Station wise/ and subsequently consolidated at Company level as submitted to the Govt. of India for first two years i.e. 2019-20 and 2020-21 at the time of mid-term true-up in 2021-22 and for balance period of tariff period 2019-24 at the time of final true-up in 2024-25. In case of initial tariff filing the latest available Cost Audit Report should be furnished.	
9	Any other relevant information, (Please specify)	
10	Reconciliation with Balance sheet of any actual additional capitalization and amongst stages of a generating station	**
11	BBMB is maintaining the records as per the relevant applicable Acts. Formats specified herein may not be suitable to the available information with BBMB. BBMB may modify the formats suitably as per available information to them for submission of required information for tariff purpose.	NA

Note ** Will be provided at the time of true up of petition.

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								PART-I FORM- 1
		Ω2	Summary of Tariff	f Tariff				
	Name of the Petitioner:	NTPC Limited	ed			-		
	Name of the Generating Station:	Bongaiagon	Bongaiagon Thermal power Station(3x250 MW)	r Station(3x25)	0 MW)			
	Place (Region/District/State):	North Easter	North Eastern Region/ Kokrajhar/ Assam	rajhar/ Assam				
				a na područno n Da na područno n	o da da se a se a se a se a se a se a se		Amount	Amount in Rs. Lakhs
S. No.	Particulars	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	S	6	7	8	6
1.1	Depreciation	Rs Lakh	31,616.29	31,759.17	32,120.04	33,435.00	35,605.52	36,742.31
1.2	Interest on Loan	Rs Lakh	30,579.68	29,850.91	27,687.88	26,519.55	26,294.83	24,656.32
1.3	Return on Equity	Rs Lakh	37,181.31	35,505.29	35,908.72	37,378.79	39,805.33	41,076.22
1.4	Interest on Working Capital	Rs Lakh	10,007.01	8,287.05	8,328.28	8,590.04	8,717.40	8,786.44
1.5	O&M Expenses	Rs Lakh	22,882.50	30888.11	32029.92	33205.71	34440.71	35710.65
1.6	Special Allowance (If applicable)	Rs Lakh	0.00	0.00	0.00	0.00	0.00	0.00
1.7	Compensation Allowance (If applicable – relevant for column 4 only)	Rs, Lakh	1					
	Total	Rs Lakh	132266.79	136290.52	136074.83	139129.09	144863.79	146971.93
2.1	Landed Fuel Cost (coal/gas/RLNG/ liquid)	Rs/Ton	- -		5446.02	5.02		
	(%) of Fuel Quantity	(%)						
2.2	Landed Fuel Cost Imported Coal				MA	~		
	(%) of Fuel Quantity		-		LV.	Α		
2.3	Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA	Rs/Ton				-		
	(%) of Fuel Quantity	(%)						
2.4	Landed Fuel Cost Imported Coal other than FSA.				NA	A		
	(%) of Fuel Quantity							
2.5	Secondary fuel oil cost	Rs/Unit			0.027	127		
	Energy Charge Rate ex-bus	Rs/Unit	-		326.750	.750		
								Xune .
<u>}</u>					×			(Petitioner)
Variable Contraction of the second seco								

			<u>, , , , , , , , , , , , , , , , , , , </u>			PART-I FORM- 1(I)
	Name of the Petitioner:	NTPC Limite	d			
	Name of the Generating Station:	Bongaiagon T	hermal power	r Station(3x25	0 MW)	
	Name of the Generating Statistic	8 8			the second s	in Rs. Lakhs
	Statement showi	ng claimed c	apital 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	627,299.67	632,959.67	641,619.67	685,139.67	727,749.67
2	Add: Addition during the year/period	5,660.00	8,660.00	43,520.00	42,610.00	2,500.00
- 3	Less: De-capitalisation during the year/period	· _	· -	-	-	-
4	Less: Reversal during the year / period	- 1	-	-	-	-
5	Add: Discharges during the year/ period	-		-	-	-
6	Closing Capital Cost	632,959.67	641,619.67	685,139.67	727,749.67	730,249.67
7	Average Capital Cost	630,129.67	637,289.67	663,379.67	706,444.67	728,999.67
C.N.	Statement showing claimed ca Particulars	apital cost eli 2019-20	gible for Ro 2020-21	E at norma 2021-22	l rate (A) 2022-23	2023-24
<u>S. No.</u> 1	2	3	4	5	6	7
1	Opening Capital Cost	627299.67	632959.67	641619.67	685139.67	727749.67
2 ·	Add: Addition during the year / period	5660.00	8660.00	43520.00	42610.00	2500.00
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	632959.67	641619.67	685139.67	727749.67	730249.67
7	Average Capital Cost	630129.67	637289.67	663379.67	706444.67	728999.67
	Statement showing claimed capital cos	st eligible for ual loan por		ghted avera	ge rate of in	terest
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	0.00	0.00	0.00
· • ·		0.00	0.00	· 0.00	. 0.00	0.0

1	2	3	4	5	6	7
1	Opening Capital Cost	0.00	0.00	0.00	0.00	0.00
2	Add: Addition during the year / period	0.00	0.00	0.00	0.00	0.00
3	Less: De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year / period	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	0.00	0.00	0.00	0.00	0.00
7	Average Capital Cost	0.00	0.00	0.00	0.00	0.00

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(Petitioner)

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PART-I FORM- 1(IIA)

Name of the Petitioner:

NTPC Limited

Name of the Generating Station: Bongaiagon Thermal power Station(3x250 MW)

Statement showing Return on Equity at Normal Rate

					Amount	in Rs. Lakh
S. No.	Particulars	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)	188,189.90	189,887.90	192,485.90	205,541.90	218324.9
2	Less: Adjustment in Opening Equity	-				
3	Adjustment during the year		0.00	0.00	0.00	- 0.00
4	Net Opening Equity (Normal)	188,189.90	189,887.90	192,485.90	205,541.90	218,324.90
5	Add: Increase in equity due to addition during the year / period	1698.00	2598.00	13056.00	12783.00	750.00
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)	189,887.90	192,485.90	205,541.90	218,324.90	219,074.90
11	Average Equity (Normal)	189,038.90	191,186.90	199,013.90	211,933.40	218,699.90
12	Rate of ROE (%)	18.782	18.782	18.782	18.782	18.782
13	Total ROE	35,505.29	35,908.72	37,378.79	39,805.33	41,076.22

(Petitioner)

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PART-I

	Name of the Petitioner:	NTPC Limite	d			
	Name of the Generating Station:	Bongaiagon T	hermal powe	r Station(3x2	50 MW)	
	Statement showi		-	`		
						ount 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 se	cope of work e	cluding addi	tional capitali	zation due to (Change in Law)
1	Gross Opening Equity (Normal)	0.00	0.00	0.00	0.00	0.00
2	Less: Adjustment in Opening Equity	0.00	0.00	0.00	0.00	0.00
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	0.00	0.00	0.00	0.00	0.0
5	Add: Increase in equity due to addition during the year / period	0.00	0.00	0.00	0.00	0.00
7	Less: Decrease due to De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.0
8	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.0
9	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.0
10	Net closing Equity (Normal)	0.00	0.00	0.00	0.00	0.0
- 11	Average Equity (Normal)	0.00	0.00	0.00	0.00	0.0
12	Rate of ROE (%)	9.627	9.618	9.613	9.657	9.65
13	Total ROE	0.00	0.00	0.00	0.00	0.00

(Petitioner)

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Name of the Petitioner	Characteristics NTPC Limited			
	Bongaiagon Thermal pow	er Station(3x250 MW)		
- white of the Denormaling Denormalized	<u> </u>			
Unit(s)/Block(s)/Parameters	Unit-l	Unit-II	Unit-III	
Installed Capacity (MW)	250	250	250	
Schedule COD as per Investment Approval	04.02.2011	04.06.2011	04.10.2011	
Actual COD /Date of Taken Over (as applicable)	01.04.2016 (Actual)	01.11.2017 (Actual)	26.03.2019 (Actual)	
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/Cm ²) abs ¹ .		150.00	·····	
Main Steam Temperature at Turbine inlet (°C) ¹		537.00		
Reheat Steam Pressure at Turbine inlet (kg/Cm ²⁾¹		35.64		
Reheat Steam Temperature at Turbine inlet (°C) ¹		537.00		
Main Steam flow at Turbine inlet under MCR condition (tons /hr) ²				
Main Steam flow at Turbine inlet under VWO condition (tons /hr) ²		737.58		
(valit stealit now at 1 mone met under v wo contrition (tons / m)		781.522		
Unit Gross electrical output under MCR /Rated condition (MW) ²				
		250	<u></u>	
Unit Gross electrical output under VWO condition (MW) ²		265 at 0% Make up		
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh)3		1943.70		
Conditions on which design turbine cycle heat rate guaranteed(kcal	l/kwhr)	1945.70		
% MCR		100 % MCR		
% Makeup Water Consumption	0			
Design Capacity of Make up Water System(% of throttle steam flow)				
Design Capacity of Inlet Cooling System	28000	28000	28000	
Design Cooling Water Temperature (⁰ C)	28000	28000		
Back Pressure(Average condenser pressure in mmHg(A))	33 deg C			
		0.1047 KSc		
Steam flow at super heater outlet under BMCR condition (tons/hr)		810		
Steam Pressure at super heater outlet under BMCR condition) (kg/Cm ²)		155		
Steam Temperature at super heater outlet under BMCR condition $({}^{0}C)$		540		
Steam Temperature at Reheater outlet at BMCR condition (⁰ C)		540		
Design / Guaranteed Boiler Efficiency (%) ⁴		85.01		
Design Fuel with and without Blending of domestic/imported coal		Domestic Coal		
GCV) Domestic Design coal	· ·			
Blended Coal (Domestic Design 70%+ Imported 30%)				
Type of Cooling Tower	· · · · · · · · · · · · · · · · · · ·	Induced Draft Cooling		
Type of cooling system ⁵		Closed Circuit Cooling		
Type of Boiler Feed Pump ⁶		Motor Driven		
Fuel Details ⁷			·	
Primary Fuel		Coal	·	
Secondary Fuel		HFO/LDO	· · · · · · · · · · · · · · · · · · ·	
Alternate Fuels	· · · · · · · · · · · · · · · · · · ·	•		
•		·		
Special Features/Site Specific Features ⁸			-	
Special Features/Site Specific Features ⁸				
Special Technological Features ⁹	. FGD		A	
Special Technological Features ⁹ 1 Environmental Regulation related features ¹⁰ 1	. FGD			
Special Technological Features ⁹	. FGD			

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Name of the Petitioner:	NTPC Limite	ed					
Name of the Generating Station:	Bongaiagon 7	Thermal pov	wer Station(3x250 MW)	1		
						(Year End	ling 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 \$\$	%	15.50	15.50	15.50	15.50	15.50	15.5
Base Rate of Return on Equity on Add. Capitalization** \$\$	%	- 1	. 7.944	7.937	7.933	7.970	7.96
Effective Tax Rate	%	21.4588	17.4720	17.4720	17.4720	17.4720	17.472
Target Availability	%	85.00	85.00				
In High Demand Season	%		-	85.00	85.00	85.00	85.0
Peak Hours	%	. .	-	85.00	85.00	85.00	85.0
Off-Peak Hours	%	· _	-,_	85.00	85.00	85:00	85.0
In Low Demand Season(Off-Peak)	%			85.00	85.00	85.00	85.0
Peak Hours	%	-	-	85.00	85.00	85.00	85.0
Off-Peak Hours	%	-	- ·	85.00	85.00	85.00	85.00
Auxiliary Energy Consumption	%	9.00	9.00	9.00	10.03	12.10	12.1
Gross Station Heat Rate	kCal/kWh	2361.80	2400.76	2400.76	2400.76	2400.76	2400.7
Specific Fuel Oil Consumption	ml/kWh	0.50	0.50	0.50	0.50	0.50	0.5
Cost of Coal/Lignite for WC1	in Days	60	50	50	50	50	5
Cost of Main Secondary Fuel Oil for WC1	in Months	2	2	2	2	2	,
Fuel Cost for WC2	in Months						
Liquid Fuel Stock for WC2	in Months						
O&M Expenses	Rs lakh/MW	30.51	32.96	34.12	35.31	36.56	37.84
Maintenance Spares for WC	% of O&M	20.00	20.00	20.00	20.00	20.00	20.0
Receivables for WC	in Days	60	45	45	45	45	4
Storage capacity of Primary fuel	MT	360000			360000		
SBI 1 Year MCLR plus 350 basis point3	%	12.20	12.05	12.05	12.05	12.05	12.0
Blending ratio of domestic coal/imported coal							

Petitioner

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Part-I FORM-3A

		:			ADDITION	AL FORM
	Calcula	tion of O&I	<u>M Expense</u>	<u>s</u>		
Name	of the Company :	NTPC Limit	ed			
	Name of the Power Station : Bongaiagon Thermal power Station(3x250 MW)					
					Amount in	n 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	24720.00	25590.00	26482.50	27420.00	28380.00
2	O&M expenses under Reg.35(6)					
2a	Water Charges #	0.00	0.00	0.00	0.00	0.00
2b	Secutiry expenses*	3696.11	3880.92	4074.96	4278.71	4492.65
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
4	Additioinal O&M due to FGD	2472.00	2559.00	2648.25	2742.00	2838.00
	Total O&M Expenses	30888.11	32029.92	33205.71	34440.71	35710.65

* Subject to true up

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

#Presently water charges are not billed by the concerned authority for consumptive water in the instant station. However as and when the same is billed by the Authority and paid by the Petitioner, the Petitioner shall approach the Hon'ble Commission for claim of the same. Hon'ble Commission may be pleased to allow the same.

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Petitioner

			PART 1 FORM- 5	
Abstract of Admitted Capital Cost for the existing Projects				
Name of the Company :	NTPC Limited		· · · · ·	
Name of the Power Station :	Bongaiagon Thermal power S	Station(3x250 MW)		
Last date of order of Commission	on for the project	Date (DD-MM-YYYY)	22/05/2017	
Reference of petition no. in whi		Petition no.	45/GT/2016	
Following details (whether adm	itted and /or considered) as on the red, in the above order by the Cor		31.03.2019	
Capital cost for Unit#1			224769.48	
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)				
Gross Normative Debt		(Rs. in lakh)	157,338.63	
Cumulative Repayment			33,774.46	
Net Normative Debt			123,564.17	
Normative Equity			67,430.84	
Cumulative Depreciation			33,774.46	
Freehold land			495.00	
			behit je	
			(Petitioner)	

PAR	ľ	1
PAR	5.	A

		and and a second	FURINI- 5A
Abstract of Claim	ed Capital Cost for t	<u>he existing Pr</u>	<u>ojects</u>
Name of the Company :	NTPC Limited		
Name of the Power Station :	Bongaiagon Thermal p	ower Station(3x	250 MW)
D. C of Einel True up Ter	iff Datition	Affidavit date	d 02 08 2019
Reference of Final True-up Tar Capital Cost as on 31.03.2019		Amuavit uate	<u>u 02.00.201</u>
Commission's Order dated 22.0			
45/GT/2016		Rs. Lakhs	224769.48
Adjustment as per Para (07) of	this petition		
Following details as considered	l by the Petitioner as on th	e last date of	
the period for which final true-			31.03.2019
Capital cost as on 01.04.02019			627299.67
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)			39066.91
Gross Normative Debt		- lakh) -	439,109.77
Cumulative Repayment			49,459.81
Net Normative Debt			389,649.96
Normative Equity			188,189.90
Cumulative Depreciation		49,771	
Freehold land			528.41
		<u> </u>	Lahiko

(Petitioner)

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Name of the Company : Name of the Power Station :

NTPC Limited Bongaiagon Thermal power Station Stage TRANCHE NO

BP NO 5050000351	T00001	D00003
	Unsecured Loan From Canara Bank - III	
Source of Loan :	Canara Bank - III	
Currency :	INR	
Amount of Loan :	10,000,000,000	
Total Drawn amount :	1,000,000,000	k
Date of Drawal :	15.12.2014	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00002- 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 :	5 Years	
Moratorium Period . Moratorium effective from :	15.12.2014	
Repayment Period (Inc Moratorium) :	15 Years	· · · ·
Repayment Frequency :	20 Half Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	28.09.2018	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
		1
Project Code	Project Name	Amount
	BONGAIGAON	1,000,000,000
Tat	al Allocated Amount	1,000,000,000

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Form-8

NTPC Limited

Form-8

Name of the Power Station :

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of Ioan

	Form 8	
•	TRANCHE NO	
BP NO 505000009 & 231	T00001	D00004
	Unsecured Loan From HDFC Bank LtdII	
Source of Loan :	HDFC Bank LtdII	· · · · · · · · · · · · · · · · · · ·
Currency :	INR	
Amount of Loan :	10,000,000,000	
Total Drawn amount :	1,000,000,000	-
Date of drawl	27.01.2011	
Interest Type :	Floating	·
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00004=8.45%	
Margin, If Floating Interest :	D00004=	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	·
If Above is yes, specify Caps/ Floor :		·
Moratorium Period :	3 Years	· · · ·
Moratorium effective from :	27.01.2011	
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.	
During Orde	Project Name	Amount
Project Code		150,000,000
	KAHALGAON II NCTPP-DADRI-II	400,000,00
	TAPOVAN VISHNUGARH	100,000,000
		350,000,00
	BONGAIGAON	330,000,000
Tot	al Allocated Amount	1,000,000,000

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Name of the Company : Name of the Power Station :

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NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

	Form 8	
		D00007
BP NO 5050000421	T00001 Unsecured Loan From HDFC Bank LtdIII	
	Unsecured Loan From HDFC Bank LtdIII	
Source of Loan :	HDFC Bank LtdIII	
Currency :	INR	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Amount of Loan :	20,000,000,000	
Total Drawn amount :	2,000,000,000	
Date of Drawal:	30.09.2016	
Interest Type :	Floating	
Fixed Interest Rate :		· · · · · · · · · · · · · · · · · · ·
Base Rate, If Floating Interest	D00005-8.45%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	30.09.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	04.12.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BONGAIGAON	50,000,000
	MOUDA-II	150,000,000
	TELANGANA	200,000,000
	VINDHYACHAL-IV	100,000,000
	MOUDA-I	350,000,000
	BARH-I	450,000,000
	CHATTI BARIATU	50,000,000
· · · · · · · · · · · · · · · · · · ·	RAMMAM	50,000,000
	TAPOVAN VISHNUGAD	50,000,000
	SOLAPUR	550,000,000
Tot	tal Allocated Amount	2,000,000,000

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Form-8

Name of the Company : Name of the Power Station :

NTPC Limited Bongaiagon Thermal power Station Stage

Form-8

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

	TRANCHE NO	
BP NO 5050000421	T00001	D00008
	Unsecured Loan From HDFC Bank LtdIII	
Source of Loan :	HDFC Bank LtdIII	
Currency :	INR	
Amount of Loan :	20,000,000,000	· · · · · · · · · · · · · · · · · · ·
Total Drawn amount :	2,000,000,000	······································
Date of Drawal:	10.10.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00005-8.45%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	10.10.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	04.12.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
		Arrount
Project Code	Project Name	Amount
· · · · · · · · · · · · · · · · · · ·	BONGAIGAON	500,000,000
	MOUDA-II	450,000,000
	TANDA-II	350,000,000
	SOLAPUR	700,000,000
Tot	al Allocated Amount	2,000,000,00

Name of the Power Station :

NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

	Form 8	
	TRANCHE NO	
BP NO 5070000021	T00001	D00001
	Unsecured Loan From HUDCO LTD.	
Source of Loan :	HUDCO LTD-I	
Currency :	INR	
Amount of Loan :	20,000,000,000	·
Total Drawn amount :	1,000,000,000	
Date of drawl	02.12.2010	· · · · · · · · · · · · · · · · · · ·
Interest Type :	Floating	
Fixed Interest Rate :		· · · · · · · · · · · · · · · · · · ·
Base Rate, If Floating Interest	D00001 - 8.30%	
Margin, If Floating Interest :	D00001 -	
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 :	02.12.2010	
Repayment Period (Inc Moratorium) :	14 Years	•
Repayment Frequency :	22 Half Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	31.05.2014	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	· · · · · · · · · · · · · · · · · · ·
······································		
Project Code	Project Name	Amount
	BONGAIGAON	150,000,00
	BARH-II	500,000,00
	MAUDA-I	350,000,00
		· · · · · · · · · · · · · · · · · · ·

Total Allocated Amount

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1,000,000,000

Form-8

Name of the Power Station :

NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of Ioan

Form-8

NO.

	Form 8	
DD NO FOFODOLFO	TRANCHE NO T00001	D00003
BP NO 5050000153	Unsecured Loan From Indian Bank-II	D00003
Source of Loan :	Indian Bank - II	
Currency :	INB	
Amount of Loan :	3,000,000,000	
Total Drawn amount :	1,500,000,000	
Date of Drawl	21.04.2011	
Interest Type :	Floating	
Fixed Interest Rate :	Tioating	
Base Rate, If Floating Interest	 D00003 - 8.25%	
Margin, If Floating Interest :	D00003 - 0%	
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 :	21.04.2011	
Repayment Period (Inc Moratorium) :	10 Years	
Repayment Frequency :	14 Half Yearly Instalment	
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
	MAUDA-I	300,000,000.00
	VINDHYACHAL IV	200,000,000.00
· .	BONGAIGAON	400,000,000.00
	KOLDAM	400,000,000.00
	RIHAND-III	200,000,000.00
To	tal Allocated Amount	1,500,000,000.00

Name of the Power Station :

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

	TRANCHE NO	
BP NO 5050000511	T00001	D00001
U	nsecured Loan From Bank of Karnataka Bank	
		-
Source of Loan :	Jammu & Kashmir Bank-IV	
Currency :	INR	
Amount of Loan :	7,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of Drawl:	31.03.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :		
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	Nil	
Moratorium effective from :	31.03.2017	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	2,100,000,000.00
	BONGAIGAON	620,000,000.00
	KUDGI	350,000,000.00
	MOUDA-II	360,000,000.00
	SOLAPUR	400,000,000.00
	TAPOVAN VISHNUGAD	460,000,000.00
	SIMHADRI-II	520,000,000.00
	PAKRI BARWADIH COAL MINE	190,000,000.00
Tot	al Allocated Amount	5,000,000,000.00

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Name of the Company : Name of the Power Station :

NTPC Limited Bongaiagon Thermal power Station Stage

Form-8

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000501	T00001		
	insecured Loan From Bank of Karnataka B	ank	
Source of Loan :	Karnataka Bank-II		
Currency :	INR		
Amount of Loan :	5,000,000,000		
Total Drawn amount :	5,000,000,000		
Date of Drawal	28.03.2017		
Interest Type :	Floating		
Fixed Interest Rate :			
Base Rate, If Floating Interest	7.96%		
Margin, If Floating Interest :			
Are there any Caps/ Floor :	Y/N		
Frequency of Intt. Payment	MONTHLY		
If Above is yes, specify Caps/ Floor :			
Moratorium Period :	Nil		
Moratorium effective from :	28.03.2017		
Repayment Period (Inc Moratorium) :	15 Years		
Repayment Frequency :	9 Yearly Instalment		
Repayment Type :	AVG		
First Repayment Date :	28.03.2021		
Base Exchange Rate :	RUPEE		
Date of Base Exchange Rate :	N.A.		
Date of Date Date Date i			
Project Code	Project Name	Amount	
	BARH-I	937,500,000.0	
	BARH-II	1,312,500,000.0	
	BONGAIGAON	178,571,427.0	
	KORBA-III	367,857,143.0	
	LARA-I	93,750,000.0	
	PAKRI BARWADIH	537,500,000.0	
	RIHAND-III	459,821,428.0	
	SOLAPUR	468,750,000.0	
	VINDHYACHAL-IV	357,142,855.0	
	SIMHADRI-II	286,607,147.0	
· · · · · · · · · · · · · · · · · · ·			
Tot	al Allocated Amount	5,000,000,000.0	

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Name of the Power Station :

NTPC Limited

Form-8

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO				
BP NO 5070000011	T00001	D00023		
······································	Unsecured Loan From PFC-V	······		
Source of Loan :	PFC-V	·		
Currency :	INR			
Amount of Loan :	100,000,000,000			
Total Drawn amount :	3,500,000,000			
Date of Drawl	31.12.2010			
Interest Type :	Floating	· · · · · · · · · · · · · · · · · · ·		
Fixed Interest Rate :		······································		
Base Rate, If Floating Interest	D00023- 7.43%			
Margin, If Floating Interest :	D00023 -			
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 :	31.12.2010			
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	250,000,000.00		
	MAUDA-I	250,000,000.00		
	SIMHADRI-II	100,000,000.00		
	VINDHYACHAL IV	250,000,000.00		
	RIHAND-III	500,000,000.00		
	BARH-I	1,000,000,000.00		
	KOLDAM	100,000,000.00		
	KORBA-III	250,000,000.00		
	FARAKKA III	150,000,000.00		
	NCTPP-DADRI-II	100,000,000.00		
	TAPOVAN VISHNUGARH	150,000,000.00		
	BONGAIGAON	400,000,000.00		
Tota	I Allocated Amount	3,500,000,000.00		

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Name of the Company : Name of the Power Station : NTPC Limited

Form-8

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO				
BP NO 5070000011	T00001	D00025		
	Unsecured Loan From PFC-V			
Source of Loan :	PFC-V			
Currency :	INR			
Amount of Loan :	100,000,000,000			
Total Drawn amount :	1,500,000,000			
Date of Drawl	17.03.2011			
Interest Type :	Floating			
Fixed Interest Rate :				
Base Rate, If Floating Interest	D00025- 7.67%			
Margin, If Floating Interest :	D00025 -			
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 :	17.03.2011			
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	250,000,000.00		
	KORBA-III	250,000,000.00		
	NCTPP-DADRI-II	400,000,000.00		
	BONGAIGAON	600,000,000.00		
Tota	Allocated Amount	1,500,000,000.00		

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NTPC Limited

Form-8

Name of the Power Station :

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of Ioan Form 8

	TRANCHE NO T00001	D00028
BP NO 5070000011		00028
	Unsecured Loan From PFC-V	
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	2,000,000,000	
Date of Drawl	29.03.2011	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00028-7.75%	
Margin, If Floating Interest :	D00028 -	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	29.03.2011	
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
Project Code		
	TAPOVAN VISHNUGARH SIMHADRI-II	250,000,000.0 500,000,000.0
		1,250,000,000.0
	BONGAIGAON	1,250,000,000.0

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Name of the Power Station :

NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

	TRANCHE NO	
BP NO 5070000011	T00001	D00033
······	Unsecured Loan From PFC-V	
· · · · · · · · · · · · · · · · · · ·		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of Drawl	31.12.2011	
Interest Type :	Fixed with Reset after every 3 Years	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00033 - 8.98%	
Margin, If Floating Interest :	D00033 -	
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 :	31.12.2011	
		· · · · · · · · · · · · · · · · · · ·
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
	SIPAT-I	900,000,000.00
	BARH-I	650,000,000.00
	BARH-II	800,000,000.00
	MOUDA-I	470,000,000.00
	BONGAIGAON	250,000,000.00
	RIHAND-III	380,000,000.00
· .	FARAKKA-III	1,310,000,000.00
· · · ·	KORBA-III	70,000,000.00
	SIPAT-II	40,000,000.00
	KAHALGAON-II	80,000,000.00
· · · · · · · · · · · · · · · · · · ·	UNCHAHAR R&M	50,000,000.00
Tota	I Allocated Amount	5,000,000,000.00

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NTPC Limited Bongaiagon Thermal power Station Stage

Form-8

Statement Giving Details of Project Financed through a Combination of loan

	TRANCHE NO	
BP NO 5070000011	T00001	D00035
	Unsecured Loan From PFC-V	1
Source of Loan :	PFC-V	
Currency :	INR	· · · · · · · · · · · · · · · · · · ·
Amount of Loan :	100,000,000,000	
Total Drawn amount :	2,500,000,000	
Date of Drawl	28.02.2012	
Interest Type :	Floating	
Fixed Interest Rate :		· · · · · · · · · · · · · · · · · · ·
Base Rate, If Floating Interest	D00035 - 8.77%	
Margin, If Floating Interest :	D00035 -	
Are there any Caps/ Floor :	Y/N	······································
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	·
Moratorium effective from :	28.02.2012	
Repayment Period (Inc Moratorium) :	16 Years	·
Repayment Frequency :	48 Quarterly Instaiments	
Repayment Type :	FIFO	
First Repayment Date :	15.07.2013	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A	I
	· · · · · · · · · · · · · · · · · · ·	
Project Code	Project Name	Amount
	SIMHADRI-II	400,000,000.00
	BONGAIGAON	570,000,000.00
	VINDHYACHAL-IV	1,530,000,000.00
Tota	Allocated Amount	2,500,000,000.00

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NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

	TRANCHE NO	Daaaaa
BP NO 5070000011	T00001	D00038
	Unsecured Loan From PFC-V	
· · · · · · · · · · · · · · · · · · ·		
Source of Loan :	PFC-V	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	4,500,000,000	
Date of Drawl	29.03.2012	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00038 - 8.23%	
Margin, If Floating Interest :	D00038 -	······································
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	29.03.2012	
Repayment Period (Inc Moratorium) :	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
	RIHAND-III	1,400,000,000.00
	PAKRI BARWADIH	350,000,000.00
	SIPAT-I	300,000,000.00
	SIMHADRI-II	1,150,000,000.00
	FARAKKA-III	450,000,000.00
	BARH-II	200,000,000.00
	BONGAIGAON	650,000,000.00
Tota	I Allocated Amount	4,500,000,000.00

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Form-8

NTPC Limited Bongaiagon Thermal power Station Stage

Form-8

Statement Giving Details of Project Financed through a Combination of loan

Form 8

	TRANCHE NO	
BP NO 5050000261	T00001	D00003
	Unsecured Loan From SBI-VII	
Source of Loan :	SBI-VII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of drawl	21.04.2012	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00003 - 8.25%	
Margin, If Floating Interest :	D00003 -	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
· · · · · · · · · · · · · · · · · · ·		
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	·
Moratorium effective from :	21.04.2012	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	30.09.2015	· · · · · · · · · · · · · · · · · · ·
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	· · · · · · · · · · · · · · · · · · ·
Date of Base Exchange hate .		
Project Code	Project Name	Amount
	KOLDAM	710,000,000.00
	TAPOVAN	520,000,000.00
	BONGAIGAON	460,000,000.00
	BARH-I	180,000,000.00
	BARH-II	540,000,000.00
	RIHAND-III	50,000,000.00
· · · · · · · · · · · · · · · · · · ·	KUDGI-I	1,450,000,000.00
· · · ·	SOLAPUR	630,000,000.00
· · · · · · · · · · · · · · · · · · ·	MOUDA-II	370,000,000.00
	TANDA-R&M	90,000,000.00
· · · · · · · · · · · · · · · · · · ·		
То	tal Allocated Amount	5,000,000,000.00

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NTPC Limited

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

	TRANCHE NO	
BP NO 5050000261	T00001	D00004
	Unsecured Loan From SBI-VII	
Source of Loan :	SBI-VII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of Drawl	29.06.2012	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00004-8.25%	
Margin, If Floating Interest :	D00004=	·
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	29.06.2012	·
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	30.09.2015	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
	-	
Project Code	Project Name	Amount
	BONGAIGAON	250,000,000.00
	BARH-I	900,000,000.00
· · · · ·	MOUDA-I	500,000,000.00
	VINDHYACHAL-IV	500,000,000.00
	RIHAND III	400,000,000.00
	KUDGI-I	150,000,000.00
· ·	SOLAPUR	450,000,000.00
	MOUDA-II	1,850,000,000.00
То	tal Allocated Amount	5,000,000,000.00

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NTPC Limited

Form-8

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

	TRANCHE NO	
BP NO 5050000261	T00001	D00006
	Unsecured Loan From SBI-VII	
Source of Loan :	SBI-VII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of Drawl	28.09.2012	
Interest Type :	Floating	······································
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00006-8.25%	
Margin, If Floating Interest :	D00006=	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	28.09.2012	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly Instalments	· ·
Repayment Type :	AVG	
First Repayment Date :	30.09.2015	
Base Exchange Rate :	BUPEE	
Date of Base Exchange Rate :	N.A.	
Date of Dase Exchange flate .		
Dreinet Code	Project Name	Amount
Project Code	KOLDAM	450,000,000
	SIMHADRI-II	500,000,000
•	VINDHYACHAL-IV	300,000,000
	SIPAT-I	750,000,000
	BABH-I	150,000,000
	MOUDA-I	200,000,000
	BIHAND III	200,000,000
		400,000,000
· · · · · · · · · · · · · · · · · · ·	KUDGI-I	500,000,000
		150,000,000
·		400,000,000
	GANDHAR-R&M	1,000,000,000
	BONGAIGAON	1,000,000
Т	otal Allocated Amount	5,000,000,000.00

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NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

DD NO 505000061	TRANCHE NO T00001	D00007
BP NO 5050000261	Unsecured Loan From SBI-VII	
	Unsectied Loan Tom SDI-VII	
Source of Loan :	SBI-VII	
Currency :		
Amount of Loan :	100,000,000,000	······································
Total Drawn amount :	5,000,000,000	
Date of Drawl	12.11.2012	
	Floating	
nterest Type : Fixed Interest Rate :		
	D00007-8.25%	
Base Rate, If Floating Interest Margin, If Floating Interest :	D00007=	
	Y/N	- ·····
Are there any Caps/ Floor :		
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	12.11.2012	
Repayment Period (Inc Moratorium) :	12 Years	•
Repayment Frequency :	16 Half Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	30.09.2015	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
· · · ·		
Project Code	Project Name	Amount
	KOLDAM	350,000,000
	SOLAPUR	250,000,000
	VINDHYACHAL-IV	200,000,000
	TAPOVAN	200,000,000
	BARH-I	800,000,000
	MOUDA-I	150,000,000
	RIHAND-III	450,000,000
	KUDGI-I	200,000,000
· · · · · · · · · · · · · · · · · · ·	DADRI SOLAR PV	50,000,000
· · · · · · · · · · · · · · · · · · ·	A&N SOLAR PV	50,000,000
	SINGARULI 8 MW	50,000,000
	BONGAIGAON	400,000,000
	BARH-II	800,000,000
	SINGRAULI-R&M	250,000,000
	TANDA - R&M	150,000,000
		350,000,000
	KAWAS-R&M	200,000,000
	GANDHAR -R&M	100,000,000
	TSTPP-R&M	100,000,000
		5,000,000,000.00
Tol	al Allocated Amount	5,000,000,000.00

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Form-8

NTPC Limited Bongaiagon Thermal power Station Stage

Form 8

	Form 8 TRANCHE NO	
BP NO 5050000261	T00001	D00008
	Unsecured Loan From SBI-VII	
Source of Loan :	SBI-VII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of Drawl	11.03.2013	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00008-8.25%	
Margin, If Floating Interest :	D00008=	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
		· · · · · · · · · · · · · · · ·
If Above is yes, specify Caps/ Floor :		·
Moratorium Period :	4 Years	
Moratorium effective from :	11.03.2013	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	30.09.2015	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Bate et Bace Exertainge Hate t		
Project Code	Project Name	Amount
	KOLDAM	350,000,000
	SOLAPUR	300,000,000
-	VINDHYACHAL-V	380,000,000
	TAPOVAN	180,000,000
	BARH-I	570,000,000
	MOUDA-II	260,000,000
	RIHAND III	320,000,000
	KUDGI-I	380,000,000
	DADRI SOLAR PV	190,000,000
	A&N SOLAR PV	200,000,000
	LARA-I	200,000,000
······································	BONGAIGAON	340,000,000
	FARAKKA-III	270,000,000
· · · · · · · · · · · · · · · · · · ·	SIMHADRI-II	200,000,000
	SINGRAULI-R&M	100,000,000
· · · · · · · · · · · · · · · · · · ·	TTPS-R&M	150,000,000
	KAWAS-R&M	150,000,000
	GANDHAR-R&M	80,000,000
	TSTPP-R&M	100,000,000
	RAMAGUNDAM-R&M	80,000,000
	BADARPUR-R&M	200,000,000
	al Allocated Amount	5,000,000,000.00

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NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8 TRANCHE NO

•	I RANCHE NO	500010
BP NO 5050000261	T00001	D00010
	Unsecured Loan From SBI-VII	
······		
Source of Loan :	SBI-VII	· · · · · · · · · · · · · · · · · · ·
Currency :	INR	· · · · · · · · · · · · · · · · · · ·
Amount of Loan :	100,000,000,000	
Total Drawn amount :	2,000,000,000	
Date of Drawl	01.05.2013	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00010-8.25%	
Margin, If Floating Interest :	D00010=	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	······································
Moratorium effective from :	01.05.2013	
Repayment Period (Inc Moratorium) :	12 Years	·
Repayment Frequency :	16 Half Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	30.09.2015	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	· · · · · · · · · · · · · · · · · · ·
·		· · · · · · · · · · · · · · · · · · ·
Project Code	Project Name	Amount
	KOLDAM	500,000,000
	BONGAIGAON	600,000,000
	SIMHADRI-II	900,000,000
		2,000,000,000.0
Tot	al Allocated Amount	2,000,000,000.0

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Form-8

NTPC Limited Bongaiagon Thermal power Station Stage

Form-8

Statement Giving Details of Project Financed through a Combination of loan

	TRANCHE NO	D00010
BP NO 5050000261	T00001	D00019
	Unsecured Loan From SBI-VII	
		I
Source of Loan :	SBI-VII	
Currency :	INR	
Amount of Loan :	100,000,000	
Total Drawn amount :	1,000,000,000	
Date of Drawal:	21.02.2014	
Interest Type :	Floating	-
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00019=8.25%	
Margin, If Floating Interest :	D00019=	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	21.02.2014	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	30.09.2015	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
· ·		
Project Code	Project Name	Amount
	BONGAIGAON	180,000,000
	BARH-I	180,000,000
·······	SOLAPUR	440,000,000
	BARH-II	200,000,000
Tot	al Allocated Amount	1,000,000,000.00

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NTPC Limited

Form-8

Name of the Power Station :

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

	Form 8	
	TRANCHE NO	
BP NO 5050000442	T00001	D0002
	Unsecured Loan From SBI-VIII	
······································		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	2,000,000,000	
Date of Drawal	30.01.2015	·
Interest Type :	Floating	
Fixed Interest Rate :		-
Base Rate, If Floating Interest	D0001-3 - 8.25%	
Loan Refinancing Spread	0.53%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	-
Moratorium effective from :	30.01.2015	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	· · · · · · · · · · · · · · · · · · ·
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
		· · · · · · · · · · · · · · · · · · ·
Project Code	Project Name	Amount
Project Code	Project Name BONGAIGAON	Amount 1,000,000,00 1,000,000,00

Total Allocated Amount

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2,000,000,000.00

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NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

	TRANCHE NO	
BP NO 5050000442	T00001	D0004
BP NO 3030000442	Unsecured Loan From SBI-VIII	
Source of Loan :	SBI-VIII	· · · · · · · · · · · · · · · · · · ·
Currency :	INB	· · · · · · · · · · · · · · · · · · ·
Amount of Loan :	100,000,000,000	
Total Drawn amount :	10,000,000,000	
Date of Drawal	04.08.2015	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D0004-8.25%	
Loan Refinancing Spread	0.53%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
Frequency of mill. Fayment		
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	04.08.2015	
		· ·
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	-
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-II	230,000,000
	BARH-I	450,000,000
	BONGAIGAON	610,000,000
	DARLIPALLI	680,000,000
	GADARWARA	1,250,000,000
	KOLDAM	290,000,000
	KUDGI-I	1,130,000,000
	LARA-I	1,650,000,000
	MOUDA-II	840,000,000
	NORTH KARANPURA	240,000,000
		90,000,000
· · · · · · · · · · · · · · · · · · ·	RAMMAM SOLAPUR	1,110,000,000
		70,000,000
		380,000,000
		410,000,000
· · · · · · · · · · · · · · · · · · ·		570,000,000
	VINDHYACHAL-V	10,000,000,000.00
Tot	al Allocated Amount	10,000,000,000.0

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Form-8

NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO D0005 T00001 BP NO 5050000442 Unsecured Loan From SBI-VIII Source of Loan : SBI-VIII INR Currency : 100,000,000,000 Amount of Loan : 5,000,000,000 Total Drawn amount : 23.09.2015 Date of Drawal: Interest Type : Floating Fixed Interest Rate : ----------Base Rate, If Floating Interest D0005-8.25% 0.53% Loan Refinancing Spread Y/N Are there any Caps/ Floor : Monthly Frequency of Intt. Payment If Above is yes, specify Caps/ Floor : Moratorium Period : 6 Years Moratorium effective from : 23.09.2015 Repayment Period (Inc Moratorium) : 15 Years 9 Yearly Installments Repayment Frequency : AVG Repayment Type : First Repayment Date : 31.01.2022 Base Exchange Rate : RUPEE Date of Base Exchange Rate : N.A. Amount Project Name Project Code 200,000,000 BARH-I 100,000,000 BONGAIGAON 550,000,000 DARLIPALLI 1,550,000,000 GADARWARA 1,300,000,000 KUDGI 450,000,000 LARA 350,000,000 MOUDA-II 300,000,000 SOLAPUR 200,000,000 UNCHAHAR-IV 5,000,000,000.00 **Total Allocated Amount**

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NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of Ioan

	TRANCHE NO	
BP NO 5050000442	T00001	D0007
	Unsecured Loan From SBI-VIII	
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	3,500,000,000	
Date of Drawal :	15.10.2015	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D0007-8.25%	
Loan Refinancing Spread	0.53%	
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 :	15.10.2015	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	······································
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	120,000,000
	TAPOVAN VISHNUGAD	590,000,000
	BONGAIGAON	110,000,000
	SOLAPUR	430,000,000
· · · · · · · · · · · · · · · · · · ·	LARA	900,000,000
	GADARWARA	290,000,000
	NORTH KARANPURA	50,000,000
	DARLIPALLI	270,000,000
· · · · ·	KUDGI-I	190,000,000
	KOLDAM	100,000,000
	VINDHYACHAL-V	450,000,000
То	tal Allocated Amount	3,500,000,000.00

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NTPC Limited Bongaiagon Thermal power Station Stage

Form-8

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Statement Giving Details of Project Financed through a Combination of loan

	TRANCHE NO T00001	D0008
BP NO 5050000442	Unsecured Loan From SBI-VIII	
	SBI-VIII	
Source of Loan :		
Currency :		
Amount of Loan :	100,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of Drawal :	21.10.2015	· · · · · · · · · · · · · · · · · · ·
Interest Type :	Floating	· · · · · · · · · · · · · · · · · · ·
Fixed Interest Rate :		
Base Rate, If Floating Interest	D0008-8.25%	
Loan Refinancing Spread	0.53%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	21.10.2015	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	540,000,000
	TAPOVAN VISHNUGAD	130,000,000
	BONGAIGAON	230,000,000
	BARH-II	220,000,000
	KUDGI-I	810,000,000
	MOUDA-II	250,000,000
· · · · · · · · · · · · · · · · · · ·	SOLAPUR	350,000,000
	VINDHYACHAL-V	130,000,000
		850,000,000
	LARA-I	490,000,000
	GADARWARA	100,000,000
		80,000,000
· · · · · · · · · · · · · · · · ·		340,000,000
	DARLIPALLI	260,000,000
		120,000,000
	RIHAND-III	100,000,000
Tot	al Allocated Amount	5,000,000,000

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NTPC Limited Bongaiagon Thermal power Station Stage

Form-8

Statement Giving Details of Project Financed through a Combination of loan

	TRANCHE NO	
BP NO 5050000442	T00001	D00011
Bi 110 3030000442	Unsecured Loan From SBI-VIII	
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	3,000,000,000	
Date of Drawal :	30.10.2015	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00011-8.25%	
Loan Refinancing Spread	0.53%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	30.10.2015	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	-
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
Project Code	BARH-I	310,000,000
	BONGAIGOAN	300,000,000
	DARLIPALLI	160,000,000
· · · · · · · · · · · · · · · · · · ·	GADARWARA	720,000,000
	KHARGONE	50,000,000
	LARA-I	330,000,000
	MOUDA-II	260,000,000
	NORTH KARANPURA	80,000,000
	TANDA-II	150,000,000
	TAPOVAN VISHNUGARH	210,000,000
	UNCHAHAR-IV	70,000,000
	PAKRI BARWADIH	40,000,000
	CHATTI BARIATU	90,000,000
	SIMHADRI-II	120,000,000
	RAMAGUNDAM R&M	110,000,000
Tai	al Allocated Amount	3,000,000,000

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Name of the Power Station :

NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

	Form 8	
	TRANCHE NO	
BP NO 5050000442	T00001	D00012
	Unsecured Loan From SBI-VIII	
	· · · · · · · · · · · · · · · · · · ·	
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	4,000,000,000	
Date of Drawal :	12.11.2015	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00012-8.25%	
Loan Refinancing Spread	0.53%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	12.11.2015	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Date of Dase Exchange frate :		
Project Code	Project Name	Amount
	BARH-I	250,000,000
· · · · · · · · · · · · · · · · · · ·	BONGAIGAON	320,000,000
	DARLIPALLI	220,000,000
	GADARWARA	560,000,000
	KUDGI	300,000,000
	LARA	230,000,000
	MOUDA-II	440,000,000
	NORTH KARANPURA	170,000,000
	PAKRI BARWADIH	110,000,000
	SOLAPUR	620,000,000
	TANDA-II	150,000,000
	TAPOVAN VISHNUGAD	180,000,000
	UNCHAHAR-IV	120,000,000
	VINDHYACHAL-V	130,000,000
	MOUDA-I	200,000,000
	tal Allocated Amount	4,000,000,000

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NTPC Limited

Form-8

Name of the Power Station :

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

		D00013
BP NO 5050000442	T00001	000013
	Unsecured Loan From SBI-VIII	
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000	
Total Drawn amount :	4,000,000,000	······································
Date of Drawal :	01.12.2015	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00013-8.25%	-
Loan Refinancing Spread	0.53%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	01.12.2015	
December 2 Devied (les Mereterium)		
Repayment Period (Inc Moratorium) :	15 Years	· · · · · · · · · · · · · · · · · · ·
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	7.10	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
During the de	Project Name	Amount
Project Code		180,000,00
	BARH-I	140,000,00
	BONGAIGOAN	450,000,00
	DARLIPALLI	500,000,00
	GADARWARA	450,000,00
	KUDGI	720,000,00
	LARA	
	MOUDA-II	320,000,00
· · · · · · · · · · · · · · · · · · ·	SOLAPUR	450,000,00
	UNCHAHAR-IV	210,000,00
	RAMMAM	150,000,00
	BARH-II	180,000,00
	VINDHYACHAL-IV	130,000,00
,	MOUDA-I	120,000,00
Tot	al Allocated Amount	4,000,000,0

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NTPC Limited

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Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

	TRANCHE NO	
BP NO 5050000442	T00001	D00014
	Unsecured Loan From SBI-VIII	
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	3,000,000,000	
Date of Drawal :	01.01.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00014-8.25%	
Loan Refinancing Spread	0.53%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	01.01.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	90,000,000
	BONGAIGOAN	220,000,000
	DABLIPALLI	350,000,000
·····	KUDGI-I	670,000,000
	LARA-J	770,000,000
	PAKRI BARWADIH	160,000,000
	TANDA-II	250,000,000
	TAPOVAN VISHNUGARH	120,000,000
		100,000,000
	KHARGONE	170,000,000
	VINDHYACHAL-V	100,000,000
· · · · · · · · · · · · · · · · · · ·	tal Allocated Amount	3,000,000,000.00

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NTPC Limited

Form-8

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Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

	TRANCHE NO	D00015
BP NO 5050000442	T00001	D00015
	Unsecured Loan From SBI-VIII	
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	· · · · · · · · · · · · · · · · · · ·
Total Drawn amount :	1,500,000,000	
Date of Drawal :	29.01.2016	
Interest Type :	Floating	
Fixed Interest Rate :		·
Base Rate, If Floating Interest	D00015-8.25%	
Loan Refinancing Spread	0.53%	
Are there any Caps/ Floor :	Y/N	-
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	29.01.2016	
Repayment Period (Inc Moratorium) :	15 Years	·
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	350,000,000
	BONGAIGAON	200,000,000
	DARLIPALLI	200,000,000
	UNCHAHAR-IV	200,000,000
	GADARWARA	200,000,000
	MOUDA-II	200,000,000
	BARH-II	150,000,000
Tot	al Allocated Amount	1,500,000,00

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Name of the Power Station :

NTPC Limited

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8	
TRANCHE	NO

BP NO 5050000442	TRANCHE NO T00001	D00016
Unsecured Loan From SBI-VIII		
·		
Source of Loan :	SBI-VIII	· · · · · · · · · · · · · · · · · · ·
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of Drawal :	31.03.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00016-8.25%	
Loan Refinancing Spread	0.53%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	•
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	31.03.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
······································		
· · · · · · · · · · · · · · · · · · ·		
Project Code	Project Name	Amount
	BARH-I	2,240,000,000
	BONGAIGAON	600,000,000
	MOUDA-II	290,000,000
	TAPOVAN VISHNUGARH	510,000,000
	SOLAPUR	360,000,000
	KUDGI-I	300,000,000
	ANANTPUR SOLAR	700,000,000
Tot	al Allocated Amount	5,000,000,000

Form-8

Name of the Power Station :

NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

	TRANCHE NO	
BP NO 5050000442	T00001	D00018
	Unsecured Loan From SBI-VIII	
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	1,500,000,000	
Date of Drawl	21.04.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00018-8.25%	· ·
Loan Refinancing Spread	0.53%	
Are there any Caps/ Floor :	Y/N	•
Frequency of Intt. Payment	Monthly	
		- ·
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	21.04.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly 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
	BONGAIGAON	700,000,000
	UNCHAHAR-IV	50,000,000
	RAMAGUNDAM R&M	150,000,000
	TSTPS R&M	210,000,000
	GANDHAR R&M	80,000,000
	KORBA R&M	60,000,000
	DADRI GAS R&M	100,000,000
	UNCHAHAR R&M	50,000,000
	BADARPUR R&M	50,000,000
	KAHALGAON R&M	50,000,000
Tota	I Allocated Amount	1,500,000,000

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Form-8

NTPC Limited

Form-8

Name of the Power Station : Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of Ioan

DD NO 505000440	TRANCHE NO T00001	D00019
BP NO 5050000442	Unsecured Loan From SBI-VIII	
	Onsecured Loan From SBI-VIII	
Source of Loan :	SBI-VIII	
Currency :	INB	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	1,000,000,000	
Date of Drawl	12.07.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00019-8.25%	
Loan Refinancing Spread	0.53%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	12.07.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	· · · · · · · · · · · · · · · · · · ·
Project Code	Project Name	Amount
	BONGAIGAON	170,000,000
	LARA	220,000,000
	KHARGONE	610,000,000
Tot	al Allocated Amount	1,000,000,000

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NTPC Limited

Form-8

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Name of the Power Station :

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

	TRANCHE NO	
BP NO 5050000442	T00001	D00021
	Unsecured Loan From SBI-VIII	
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	-
Total Drawn amount :	2,500,000,000	
Date of Drawl	21.09.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00021-8.25%	
Loan Refinancing Spread	0.53%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	21.09.2016	
Repayment Period (Inc Moratorium) :	15 Years	·
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BONGAIGAON	400,000,000
	MOUDA-II	150,000,000
· · · · ·	KUDGI	840,000,000
· · · · · ·	BARH-II	80,000,000
	KOLDAM	180,000,000
	RIHAND-III	570,000,000
· · · · · · · · · · · · · · · · · · ·	VINDHYACHAL-IV	210,000,000
	MOUDA-I	70,000,000
Τ,	otal Allocated Amount	2,500,000,00

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NTPC Limited Bongaiagon Thermal power Station Stage

Form-8

Statement Giving Details of Project Financed through a Combination of loan

	Form 8 TRANCHE NO	
BP NO 5050000442	T00001	D00024
	Unsecured Loan From SBI-VIII	
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	11,500,000,000	· · · · · · · · · · · · · · · · · · ·
Date of Drawl	14.02.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00024-8.25%	
Loan Refinancing Spread	0.53%	
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	
Depayment Deried (Inc Maratorium)	15 Years	
Repayment Period (Inc Moratorium) :	9 Yearly Installments	
Repayment Frequency :	AVG	
Repayment Type :	31.01.2022	
First Repayment Date :		
Base Exchange Rate :	RUPEE	-
Date of Base Exchange Rate :	N.A.	
	·	
Project Code	Project Name	Amount
	BABH-I	3,000,000,00
	BONGAIGAON	342,857,14
	FARAKKA III	142,857,14
1.0.000	GADARWARA	2,500,000,00
	KOLDAM	928,571,42
· · · · · · · · · · · · · · · · · · ·	KORBA-III	28,571,42
	KUDGI	1,000,000,00
	MOUDA-I	407,142,85
· · · · · · · · · · · · · · · · · · ·	NCTPP-II	157,142,85
	NORTH KARANPURA	1,000,000,00
	RIHAND-III	321,428,57
	SIMHADRI-II	532,857,14
	SIPAT-I	214,285,71
	SIPAT-I	57,142,85
·	TAPOVAN VISHNUGAD	500,000,00
		324,285,71
· · · · · · · · · · · · · · · · · · ·		42,857,15
	PAKRI BARWADIH	42,007,10

11,500,000,000

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Total Allocated Amount

NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO D0001 T00001 BP NO 5050000531 Unsecured Loan From SBI-IX Source of Loan : SBI-IX INR Currency : 30,000,000,000 Amount of Loan : Total Drawn amount : 3,000,000,000 17.04.2017 Date of Drawal: Floating Interest Type : ------Fixed Interest Rate : 8.25% Base Rate, If Floating Interest 0.00% Margin, If Floating Interest : Y/N Are there any Caps/ Floor : Frequency of Intt. Payment Monthly If Above is yes, specify Caps/ Floor : 3 Years Moratorium Period : 17.04.2017 Moratorium effective from : Repayment Period (Inc Moratorium) : 12 Years Repayment Frequency : 9 Yearly Installments AVG Repayment Type : 31.03.2021 First Repayment Date : RUPEE Base Exchange Rate : N.A. Date of Base Exchange Rate : Amount **Project Name Project Code** 400,000,000 BARH-I 270,000,000 TAPOVAN VISHNUGARH 360,000,000 BONGAIGAON 60,000,000 SINGRAULI8 MW SMALL HYDRO 580,000,000 GADARWARA 730,000,000 DARLIPALLI 130,000,000 RAMMAM 470,000,000 KUDGI 3,000,000,000.00 **Total Allocated Amount**

Form-8

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NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

	TRANCHE NO	
BP NO 5050000531	T00001	D0002
	Unsecured Loan From SBI-IX	
Source of Loan :	SBI-IX	
Currency :	INR	
Amount of Loan :	30,000,000,000	
Total Drawn amount :	2,000,000,000	······
Date of Drawal:	04.05.2017	
nterest Type :	Floating	· · · · · · · · · · · · · · · · · · ·
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.25%	
Margin, If Floating Interest :	0.00%	4
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 :	17-Apr-17	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	· · · · · · · · · · · · · · · · · · ·
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	540,000,00
	TAPOVAN VISHNUGARH	160,000,00
	BONGAIGAON	200,000,00
×	LARA	220,000,00
	GADARWARA	120,000,00
	TELANGANA	160,000,00
	KOLDAM	100,000,00
	PAKRI BARWADIH CMB	500,000,00
······································		
То	tal Allocated Amount	2,000,000,000.0

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Form-8

NTPC Limited

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form	8
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	TRANCHE NO	
BP NO 5050000531	T00001	D0007
	Unsecured Loan From SBI-IX	
Source of Loan :	SBI-IX	
Currency :	INR	
Amount of Loan :	30,000,000,000	
Total Drawn amount :	4,000,000,000	
Date of Drawal:	29.05.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.25%	
Margin, If Floating Interest :	0.00%	·
Are there any Caps/ Floor :	Y/N	·····
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	17-Apr-17	an 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 199
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	800,000,000
	TAPOVAN VISHNUGARH	300,000,000
	BONGAIGAON	400,000,000
	SOLAPUR	200,000,000
	GADARWARA	1,400,000,000
	NORTH KARANPURA	900,000,000
Tot	al Allocated Amount	4,000,000,000.00

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NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of Ioan

· · · · · · · · · · · · · · · · · · ·	TRANCHE NO	
BP NO 5050000531	T00001	D0008
	Unsecured Loan From SBI-IX	
Source of Loan :	SBI-IX	
Currency :	INR	
Amount of Loan :	30,000,000,000	
Total Drawn amount :	5,000,000,000	-
Date of Drawal:	20.06.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	17-Apr-17	
Repayment Period (Inc Moratorium) :	12 Years	· · ·
Repayment Frequency :	9 Yearly Installments	· · · · · · · · · · · · · · · · · · ·
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	-
Project Code	Project Name	Amount
·	BARH-I	800,000,000
· · · · · · · · · · · · · · · · · · ·	TAPOVAN VISHNUGARH	200,000,000
······································	BONGAIGAON	80,000,000
	TANDA II	120,000,000
	RAMMAM	200,000,000
	TELANGANA	450,000,000
	MAUDA-II	1,200,000,000
	BHADLA SOALR PV	350,000,000
	ROJAML WIND	50,000,000
	PAKRI BARWADIH CMB	1,200,000,000
······	CHATTI BARIATU CMP	90,000,000
· · · · · · · · · · · · · · · · · · ·	DULANGA COAL MINE	130,000,000
	TALAIPALI COAL MINE	130,000,000
Tot	al Allocated Amount	5,000,000,000.0

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NTPC Limited

Form-8

Name of the Power Station :

tion : Bongaiagon Thermal power Station Stage Statement Giving Details of Project Financed through a Combination of Ioan

	TRANCHE NO	
BP NO 5050000531	T00001	D0010
	Unsecured Loan From SBI-IX	
Source of Loan :	SBI-IX	· · · · · · · · · · · · · · · · · · ·
Currency :	INR	
Amount of Loan :	30,000,000,000	
Total Drawn amount :	13,700,000,000	
Date of Drawal:	29.06.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	17-Apr-17	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	·····
Base Exchange Rate :	RUPEE	· · · · · · · · · · · · · · · · · · ·
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	CC F&A	6,850,000,000
	BARH-I	400,000,000
	TAPOVAN VISHNUGARH	150,000,000
	BONGAIGAON	150,000,000
· .	SOLAPUR	200,000,000
	LARA-I	550,000,000
· ·	GADARWARA	1,000,000,000
	NORTH KARANPURA	600,000,000
	DARLIPALLI	450,000,000
	TANDA II	600,000,000
	RAMMAM	100,000,000
	KHARGONE	750,000,000
	TELANGANA	750,000,000
· · · · · · · · · · · · · · · · · · ·	TTPS R&M	100,000,000
	VINDHYACHAL R&M	100,000,000
	FARAKKA R&M	500,000,000
	DADRI GAS R&M	450,000,000
Tot	al Allocated Amount	13,700,000,000.0

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NTPC Limited Bongaiagon Thermal power Station Stage

Form-8

Statement Giving Details of Project Financed through a Combination of Ioan

	TRANCHE NO	
BP NO 5050000551	T00001	D00001
	Unsecured Loan From SBI-X	
Source of Loan :	SBI- X	
Currency :	INR	· · · · · · · · · · · · · · · · · · ·
Amount of Loan :	40,000,000,000	
Total Drawn amount :	10,000,000,000	
Date of Drawal:	25.09.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	25.09.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
· · · · · · · · · · · · · · · · · · ·		
Project Code	Project Name	Amount
	BARH-I	2,409,700,000
	TAPOVAN VISHNUGARH	550,400,000
· · · · · · · · · · · · · · · · · · ·	BONGAIGAON	2,110,300,000
	SOLAPUR	1,496,600,000
	LARA	489,000,000
	GADARWARA	762,500,000
	UNCHAHAR STPP IV	300,000,000
· · · · · · · · · · · · · · · · · · ·	NORTH KARANPURA	1,020,000,000
	DARLIPALLI	600,000,000
· · · · · · · · · · · · · · · · · · ·	TANDA-II	261,500,000
Tot	al Allocated Amount	10,000,000,000.00

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NTPC Limited

Form-8

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of Ioan

Form 8

TRANCHE NO D00003 BP NO 5050000551 T00001 **Unsecured Loan From SBI-X** Source of Loan : SBI-X INR Currency : Amount of Loan : 40,000,000,000 Total Drawn amount : 2,000,000,000 Date of Drawal: 11.12.2017 Interest Type : Floating Fixed Interest Rate : Base Rate, If Floating Interest 8.25% 0.00% Margin, If Floating Interest : Are there any Caps/ Floor : Y/N Frequency of Intt. Payment Monthly If Above is yes, specify Caps/ Floor : Moratorium Period : 6 Years Moratorium effective from : 25-Sep-17 Repayment Period (Inc Moratorium) : 15 Years 9 Yearly Installments **Repayment Frequency:** Repayment Type : AVG First Repayment Date : 01.10.2024 Base Exchange Rate : RUPEE Date of Base Exchange Rate : N.A. **Project Code** Project Name Amount TAPOVAN VISHNUGARH 300,000,000 200,000,000 BONGAIGAON 600,000,000 SOLAPUR 500,000,000 LARA GADARWARA 400,000,000 **Total Allocated Amount** 2,000,000,000.00

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NTPC Limited

Form-8

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

	TRANCHE NO	•
BP NO 5050000551	T00001	D00008
	Unsecured Loan From SBI-X	
Source of Loan :	SBI-X	
Currency :	INR	
Amount of Loan :	40,000,000,000	
Total Drawn amount :	6,000,000,000	
Date of Drawal:	31.03.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	25-Sep-17	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Protect Opda	Project Name	Amount
Project Code		Amount
	BARH-I	1,630,000,000
	TAPOVAN VISHNUGARH	470,000,000
	BONGAIGAON	390,000,000
	KUDGI	2,050,000,000
	LARA	50,000,000
	SOLAPUR	1,230,000,000
	PAKRI BARWADIH CMB	180,000,000
Tot	al Allocated Amount	6,000,000,000.00

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NTPC Limited Bongaiagon Thermal power Station Stage Form 8 TRANCHE NO

BP NO 5050000661	T00001	D00001
Unsecured Loan From SBI-XI		
······		
Source of Loan :	SBI-XI	
Currency :	INR	
Amount of Loan :	50,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of Drawal:	11.10.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.35%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	· · ·
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :	•	
Moratorium Period :	3 Years	
Moratorium effective from :	11.10.2018	
Repayment Period (Inc Moratorium).:	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	750,000,000
	TAPOVAN VISHNUGARH	320,000,000
	BONGAIGAON	220,000,000
	SOLAPUR	220,000,000
		1,200,000,000
	GADARWARA	1,000,000,000
· · · · · · · · · · · · · · · · · · ·		100,000,000
		190,000,000
		1,000,000,000
Tota	al Allocated Amount	5,000,000,000.00

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NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of Ioan

Form 8 TRANCHE NO

	I NANCHE NU	
BP NO 5050000661	T00001	D00003
	Unsecured Loan From SBI-XI	
Source of Loan :	SBI-XI	
Currency :	INR	
Amount of Loan :	50,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of Drawal:	12.11.2018	and and a state of the second s
Interest Type :	Floating	· · · · ·
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.35%	· ·
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 :	12.11.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	2,850,000,000
	TAPOVAN VISHNUGARH	780,000,000
	BONGAIGAON	270,000,000
	SOLAPUR	990,000,000
	LARA-I	60,000,000
	GADARWARA	50,000,000
Total	Allocated Amount	5,000,000,000.00

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NTPC Limited Bongaiagon Thermal power Station Stage

Form-8

Statement Giving Details of Project Financed through a Combination of Ioan

Form 8

TRANCHE NO

TRANCHE NO		
BP NO 5050000661	T00001	D00004
	Unsecured Loan From SBI-XI	
Source of Loan :	SBI-XI	I
Currency :		
Amount of Loan :	50,000,000,000	
Total Drawn amount :	8,000,000,000	
Date of Drawal:	22.11.2018	
Interest Type :	Floating	<u> </u>
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.35%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	· · · · · · · · · · · · · · · · · · ·
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		-
Moratorium Period :	3 Years	
Moratorium effective from :	22.11.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2022	······································
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	400,000,00
	TAPOVAN VISHNUGARH	110,000,00
	BONGAIGAON	110,000,00
	SOLAPUR	200,000,00
	LARA-I	500,000,00
	GADARWARA	550,000,00
	NORTH KARANPURA	360,000,000
	DARLIPALLI	400,000,00
	TANDA-!I	100,000,000
	KHARGONE	750,000,000
<u> </u>	TELANGANA	750,000,000
· · · · · · · · · · · · · · · · · · ·	TALAIPALI COAL MINE	70,000,000
	RAMAGUNDAM I & II R&M	360,000,000
· · · · · · · · · · · · · · · · · · ·	VINDHYACHAL R&M	140,000,000
·	FARAKKA R&M	100,000,00
	KAHALGAON R&M	100,000,000
	KHARGONE	2,000,000,000
	TELANGANA	1,000,000,000
Tota	al Allocated Amount	8,000,000,000.0

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NTPC Limited

Form-8

Name of the Power Station :

tion : Bongaiagon Thermal power Station Stage Statement Giving Details of Project Financed through a Combination of Ioan

Form 8

TRANCHE NO

BP NO 5050000741	T00001	D00001
BF NO 303000741	Unsecured Loan From SBI-XII	200001
: 		
Source of Loan :	SBI-XII	
Currency :	INR	
Amount of Loan :	50,000,000,000	
Total Drawn amount :	7,500,000,000	
Date of Drawal:	11.02.2019	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.35%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
riequency of finit. Fayment		
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	11.02.2019	· · · · · · · · · · · · · · · · · · ·
		· · · · · · · · · · · · · · · · · · ·
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	·
Repayment Type :	AVG	
First Repayment Date :	31.03.2026	· · · · · · · · · · · · · · · · · · ·
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	1,300,000,000.0
······································	TAPOVAN VISHNUGARH	150,000,000.0
· · · · · · · · · · · · · · · · · · ·	BONGAIGAON	650,000,000.0
· · · · · · · · · · · · · · · · · · ·	SOLAPUR	400,000,000.0
······································	GADARWARA	900,000,000.0
	DARLIPALLI	600,000,000.0
· · · · · · · · · · · · · · · · · · ·	TANDA-II	500,000,000.0
	KHARGONE	900,000,000.0
	TELANGANA	700,000,000.0
······································	CHATTI BARIATU	150,000,000.0
	DULANGA	200,000,000.0
· · · · · · · · · · · · · · · · · · ·	TALAIPALI	800,000,000.0
	NCPS-FGD	250,000,000.0
Tota	al Allocated Amount	7,500,000,000.0

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NTPC Limited

Name of the Power Station : E

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of Ioan

Form 8

	TRANCHE NO	
BP NO 5050000571	T00001	D00001
U	Unsecured Loan From Punjab National Bank-III	
Source of Loan :	Punjab National Bank-III	
Currency :	INR	
Amount of Loan :	20,000,000,000	
Total Drawn amount :	3,000,000,000	
Date of Drawl	01.02.2018	
Interest Type :	Floating	•
Fixed Interest Rate :		· · · · · · · · · · · · · · · · · · ·
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	01.02.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	01.02.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
·	BONGAIGAON	250,000,000.00
	SOLAPUR	350,000,000.00
		1,000,000,000.00
· · · · · · · · · · · · · · · · · · ·	DARLIPALLI	400,000,000.00
	KUDGI	1,000,000,000.00

3,000,000,000.00

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Total Allocated Amount

NTPC Limited

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of Ioan

Form 8

TRANCHE NO T00001

BP NO 5050000571	T00001	D00005
Unsecured Loan From Punjab National Bank-III		
Source of Loan :	Punjab National Bank-III	
Currency :	INR	
Amount of Loan :	20,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of Drawl	26.09.2018	· · · · · · · · · · · · · · · · · · ·
Interest Type :	Floating	<u></u>
Fixed Interest Rate :		· · · · · · · · · · · · · · · · · · ·
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :	0.00%	· · ·
Are there any Caps/ Floor :	Y/N	· · · · · · · · · · · · · · · · · · ·
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		· · · · ·
Moratorium Period :	3 Years	
Moratorium effective from :	01.02.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	01.02.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	•
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
Project Code	Project Name	Amount
	BARH-I	1,100,000,000.00
in a second s	BONGAIGAON KUDGI-I	1,000,000,000.00
·····		150,000,000.00
	PAKRI BARWADIH	350,000,000.00
	SOLAPUR	400,000,000.00
	TAPOVAN VISHNUGARH	400,000,000.00
		1,250,000,000.00
Tot	al Allocated Amount	5,000,000,000.00

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NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of Ioan

Form 8

TRANCHE NO

BP NO 5050000711	T00001	D00001
	Unsecured Loan From Punjab National Bank-IV	
Source of Loan :	Punjab National Bank-IV	· · · · · · · · · · · · · · · · · · ·
Currency :	INR	· · · · · · · · · · · · · · · · · · ·
Amount of Loan :	20,000,000,000	
Total Drawn amount :	20,000,000,000	
Date of Drawl	01.01.2019	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		•
Moratorium Period :	3 Years	
Moratorium effective from :	01.01.2019	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Years	
Repayment Type :	AVG	
First Repayment Date :	01.02.2022	
Base Exchange Rate :	RUPEE	· · · · · · · · · · · · · · · · · · ·
Date of Base Exchange Rate :	N.A.	
Date of base Excitatinge Hate .		
· · · · · · · · · · · · · · · · · · ·		
· · · · · · · · · · · · · · · · · · ·		••••••••••••••••••••••••••••••••••••••
Project Code	Project Name	Amount
	UNCHAHAR STPP IV	650,000,000.0
	TANDA-II	850,000,000.0
	NCTPP-II	364,300,000.0
	DADRI GAS R&M	560,000,000.0
· · · · · · · · · · · · · · · · · · ·	KORBA-III	150,000,000.0
	SIPAT-II	171,400,000.0
	FARAKKA-III	85,700,000.0
	KAHALGAON-II	171,400,000.0
	BARH-I	1,085,700,000.0
·	BARH-II	80,000,000.0
	NORTH KARANPURA	1,090,000,000.0
	KOLDAM	64,300,000.0
	TAPOVAN VISHNUGAD	285,700,000.0
· · · · · · · · · · · · · · · · · · ·	PAKRI BARWADIH	1,420,000,000.0
	CHATTI BARIATU	100,000,000.0
	BONGAIGAON	364,300,000.0
	KUDGI	600,000,000.0
	LARA	1,230,000,000.0
	GADARWARA	2,277,200,000.0
	DARLIPALLI	2,730,000,000.00
	KHARGONE	500,000,000.0
	ANANTPUR SOLAR	170,000,000.00
	TALAIPALI COAL MINE	5,000,000,000.00

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 Name of the Company :
 NTPC Limited
 Form-8

 Name of the Power Station :
 Bongaiagon Thermal power Station Stage
 Form-0

 Total Allocated Amount
 20,000,000,000.00

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NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of Ioan

Form 8 TRANCHE NO

		D00000
BP NO 5050000521	T00001	D00003
	Unsecured Loan From HDFC Bank LtdIV	
Source of Loan :	HDFC Bank LtdIV	
Currency :	INR	
Amount of Loan :	20,000,000,000	· · · · ·
Total Drawn amount :	2,000,000,000	
Date of drawl	01.09.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	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 :	17.04.2017	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instaiment	
Repayment Type :	AVG	
First Repayment Date :	17.04.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BONGAIGAON	400,000,000
	MANDSAUR SOLAR PV	300,000,000
	MOUDA-II	300,000,00
· · · · · · · · · · · · · · · · · · ·	LARA	1,000,000,000
Tota	al Allocated Amount	2,000,000,000

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BP NO 5050000561

Source of Loan :

Total Drawn amount :

Fixed Interest Rate :

Currency : Amount of Loan :

Date of drawl

Interest Type :

NTPC Limited

Bongaiagon Thermal power Station Stage

Form-8

Statement Giving Details of Project Financed through a Combination of Ioan

Form 8

TRANCHE NO T00001 D00003 Unsecured Loan From HDFC Bank Ltd. V I. HDFC Bank Ltd. V INR 25,000,000,000 2,000,000,000 13.11.2017 Floating Base Rate, If Floating Interest 8.45% Margin, If Floating Interest : NIL Are there any Caps/ Floor : Y/N Frequency of Intt. Payment MONTHLY If Above is ves. specify Caps/ Floor :

If Above is yes, specify Caps/ Floor :		•
Moratorium Period :	6 Years	
Moratorium effective from :	25.09.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	25.09.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	SOLAPUR	770,000,000
	PAKRI BARWADIH COAL MINE	260,000,000
	BONGAIGAON	270,000,000
	TELANGANA	120,000,000
	BARH - II	100,000,000
	ROJMAL WIND	150,000,000
	LARA	100,000,000
	CHATTI BARIATU CMB	150,000,000
	DULANGA COAL MINE	80,000,000
Total Allocated Amount		2,000,000,000

NTPC Limited

Form-8

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of Ioan

Form 8

TRANCHE NO

BP NO 5050000561	T00001	D00007
	Unsecured Loan From HDFC Bank Ltd. V	
······································		
Source of Loan :	HDFC Bank Ltd. V	
Currency :	INR	
Amount of Loan :	25,000,000,000	••••••••••••••••••••••••••••••••••••••
Total Drawn amount :	1,500,000,000	
Date of drawl	01.01.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.45%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	· · · · · · · · · · · · · · · · · · ·
Frequency of Intt. Payment	MONTHLY	· · ·
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	25.09.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	25.09.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BONGAIGOAN	110,000,000
· · · · · · · · · · · · · · · · · · ·	DARLIPALLI	250,000,000
	RAMMAM	100,000,000
······································	KHARGONE	770,000,000
	BHADLA SOLAR PV	20,000,000
	ROJMAL WIND	30,000,000
	MOUDA-II	220,000,000
Tot	al Allocated Amount	1,500,000,000

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NTPC Limited Bongaiagon Thermal power Station Stage

Form-8

Statement Giving Details of Project Financed through a Combination of Ioan

Form 8		
TRANCHE NO		
BP NO 5050000561	T00001	D00008
	Unsecured Loan From HDFC Bank Ltd. V	
Courses of Loop .		
Source of Loan :	HDFC Bank Ltd. V	
Currency :	INR	
Amount of Loan :	25,000,000,000	
Total Drawn amount :	1,000,000,000	
Date of drawl	31.01.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.45%	· · · · · · · · · · · · · · · · · · ·
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	· · · · · · · · · · · · · · · · · · ·
Moratorium effective from :	25.09.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	25.09.2024	· · · · · · · · · · · · · · · · · · ·
Base Exchange Rate :	RUPEE	· · · · · · · · · · · · · · · · · · ·
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BONGAIGOAN	420,000,000
	TAPOVAN VISHNUGARH	520,000,000
	GADARWARA	60,000,000
Tot	al Allocated Amount	1,000,000,000

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NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO D00010 T00001 BP NO 5050000561 Unsecured Loan From HDFC Bank Ltd. V HDFC Bank Ltd. V Source of Loan : INR Currency : 25,000,000,000 Amount of Loan : 7,300,000,000 Total Drawn amount : Date of drawl 26.09.2018 Interest Type : Floating Fixed Interest Rate : Base Rate, If Floating Interest 8.45% NIL Margin, If Floating Interest : Y/N Are there any Caps/ Floor : MONTHLY Frequency of Intt. Payment If Above is yes, specify Caps/ Floor : Moratorium Period : 6 Years 25.09.2017 Moratorium effective from : Repayment Period (Inc Moratorium) : 15 Years 9 Yearly Instalment Repayment Frequency : Repayment Type : AVG First Repayment Date : 25.09.2024 RUPEE Base Exchange Rate : Date of Base Exchange Rate : N.A. Amount Project Code Project Name 600,000,000 BARH-I 120,000,000 BONGAIGAON LARA-I 2,350,000,000 370,000,000 SOLAPUR 250,000,000 TAPOVAN VISHNUGARH 800,000,000 TELANGANA 1,350,000,000 KHARGONE 850,000,000 GADARWARA 610,000,000 FARAKKA Total Allocated Amount 7,300,000,000

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NTPC Limited

Form-8

Name of the Power Station :

tion : Bongaiagon Thermal power Station Stage Statement Giving Details of Project Financed through a Combination of Ioan

Form 8

	Form 8	
DD NO 5050000451	TRANCHE NO T00001	D00010
BP NO 5050000451	Unsecured Loan From ICICI-IV	
	ICICI-IV	
Source of Loan :		
Currency :		
Amount of Loan :	20,000,000,000	
Total Drawn amount :	2,250,000,000	
Date of Drawal	04.08.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00010 -8.60%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	-
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	04.08.2017	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	16.02.2023	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
· · · ·		
Project Code	Project Name	Amount
	KOLDAM	64,300,000.00
· · · · · · · · · · · · · · · · · · ·	FARAKKA-III	85,700,000.00
	NCTPP-II	364,300,000.00
· · · · · · · · · · · · · · · · · · ·	TAPOVAN VISHNUGAD	85,700,000.00
	BONGAIGAON	364,300,000.00
	SIPAT-II	171,400,000.00
	KAHALGAON-II	171,400,000.00
	BARH-I	685,700,000.00
	KORBA-III	150,000,000.00
	GADARWARA	107,200,000.00
	al Allocated Amount	2,250,000,000.00

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NTPC Limited

Total Allocated Amount

Form-8

500,000,000.00

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Name of the Power Station :

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of Ioan

	Form 8	
TRANCHE NO		
BP NO 5050000311	T00001	D00001
	Unsecured Loan From Syndicate Bank III	· · ·
Source of Loan :	Syndicate Bank-III	
Currency :	INR	
Amount of Loan :	10,000,000,000	
Total Drawn amount :	500,000,000	
Date of Drawl	01.06.2012	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00001- 8.45%	
Margin, If Floating Interest :	D00001= Nil	-
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	01.06.2012	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly	
Repayment Type :	Average	
First Repayment Date :	01.12.2016	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BONGAIGAON	200,000,000.00
	SIPAT-I	300,000,000.00

Name of the Power Station :

NTPC Limited

Form-8

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Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

TRANCHE NO T00001 D00007 BP NO 5050000311 Unsecured Loan From Syndicate Bank-III Syndicate Bank-III Source of Loan : Currency : INR 10,000,000,000 Amount of Loan : 700,000,000 Total Drawn amount : Date of Drawal: 23.10.2013 Floating Interest Type : Fixed Interest Rate : D00007- 8.45% Base Rate, If Floating Interest Margin, If Floating Interest : NIL Are there any Caps/ Floor : Y/N Frequency of Intt. Payment MONTHLY If Above is yes, specify Caps/ Floor : 4 Years Moratorium Period : Moratorium effective from : 23.10.2013 Repayment Period (Inc Moratorium) : 12 Years Repayment Frequency : 16 Half Yearly Repayment Type : Average 01.12.2016 First Repayment Date : Base Exchange Rate : RUPEE Date of Base Exchange Rate : N.A. Amount Project Code Project Name 700,000,000 BONGAIGAON 700,000,000.00 **Total Allocated Amount**

NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

· •	TRANCHE NO	Dagaaa
BP NO 5050000311	T00001	D00008
	Unsecured Loan From Syndicate Bank-III	
Source of Loan :	Syndicate Bank-III	
Currency :	10,000,000,000	
Amount of Loan :		
Total Drawn amount :	500,000,000 15.01.2014	· · · · · · · · · · · · · · · · · · ·
Date of Drawal:		
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00008- 8.45%	·····
Margin, If Floating Interest :	Nil	
Are there any Caps/ Floor :	Y/N	·
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	15.01.2014	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly	
Repayment Type :	Average	•
First Repayment Date :	01.12.2016	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BONGAIGAON	500,000,000
Tot	al Allocated Amount	500,000,000.00

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NTPC Limited Bongaiagon Thermal power Station Stage

Form-8

Statement Giving Details of Project Financed through a Combination of loan

Form 8

	TRANCHE NO	500010
BP NO 5050000311	T00001	D00010
	Unsecured Loan From Syndicate Bank-III	
Source of Loan :	Syndicate Bank-III	
Currency :	INR	
Amount of Loan :	10,000,000,000	
Total Drawn amount :	2,000,000,000	
Date of Drawal:	01.05.2014	
Interest Type :	Floating	
Fixed Interest Rate :		·····
Base Rate, If Floating Interest	D00009- 845%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	01.05.2014	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearly	· · · · ·
Repayment Type :	Average	
First Repayment Date :	01.12.2016	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
· · · ·		
Project Code	Project Name	Amount
· · · · ·	BONGAIGAON	1,000,000,000
	BARH-II	1,000,000,000
Tota	al Allocated Amount	2,000,000,000.00

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NTPC Limited Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of loan

Form 8

	Form 8 TRANCHE NO	
BP NO 5050000321	T00001	D00001
	Unsecured Loan From Union Bank of India-II	
Source of Loan :	Union Bank of India - II	
Currency :	INR	
Amount of Loan :	20,000,000,000	
Total Drawn amount :	1,000,000,000	
Date of Drawal:	22.07.2014	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D000011-8.50%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	4 Years	
Moratorium effective from :	22.07.2014	
Repayment Period (Inc Moratorium) :	14 Years	
Repayment Frequency :	20 Half Yearly	
Repayment Type :	AVG	
First Repayment Date :	01.02.2017	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BONGAIGAON	500,000,000
	TAPOVAN VISHNUGAD	500,000,000
Tota	al Allocated Amount	1,000,000,000.00

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Name of the Power Station :

NTPC Limited

Bongaiagon Thermal power Station Stage

Statement Giving Details of Project Financed through a Combination of Ioan

	Form 8 TRANCHE NO	
BB NO 505000641	T00001	D00002
BP NO 5050000641	Unsecured Loan From HDFC Bank Ltd. VI	000002
Source of Loan :	HDFC Bank Ltd. VI	1
Currency :	INR	······································
Amount of Loan :	15,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of drawl	11.10.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.45%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
······································		
If Above is yes, specify Caps/ Floor :		· · · · · · · · · · · · · · · · · · ·
Moratorium Period :	6 Years	······································
Moratorium effective from :	11.10.2018	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	· · · · · · · · · · · · · · · · · · ·
First Repayment Date :	26.09.2025	-
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	550,000,000
· · · · · · · · · · · · · · · · · · ·	TAPOVAN VISHNUGARH	100,000,000
	BONGAIGAON	100,000,000
	SOLAPUR	140,000,000
	LARA-I	330,000,000
	GADARWARA	680,000,000
	NORTH KARANPURA	420,000,000
	DARLIPALLI	340,000,000
	TANDA II	310,000,000
	RAMMAM	30,000,000
	KHARGONE	480,000,000
	TELANGANA	420,000,000
	AURAIYA R&M	500,000,000
	NCTPP R&M	100,000,000
	KAWAS R&M	150,000,000
	GANDHAR R&M	350,000,000
Toi	al Allocated Amount	5,000,000,000

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Name of the Company Name of the Power Station	NTPC LIMITED Bongaigaon TPS (3X250 MW)	: (3X250 MW)		•							FOR M-8
Particulars											
	-	2	8	4	5	6	7	8	6	C.	
Source of Loan	5.625% Fixed Rate Notes due 2021*	4.75% Fixed Rate Notes due 2022"	Mizuho II A**	Mizuho II 8**	4.375% Fixed Rate Notes due 2024**	4.25% Fixed Rate Notes due 2026**	2.75% Fixed Rate Notes due 2028**	7.25% Masala	JPY Equ 350 Million A **	JPY Equ 350 Million B **	4.50 Fixed Fare Notes due 2-4028
Drawal				,			1707 Ann 631011	7707 Ann shiinn			*
Currency Amount of fore conditioned			OSD	asn	USD	USD	EURO	INR	Yqt	Vdl	
Amount of Gross Loan drawn upto	000'000'000		50,000,000	200,000,000	500,000,000	500,000,000	500,000,000	20,000,000,000	2252505 9128	16889989866	4000000
25.03.2019 / COD Interest Tyne	500,000,000 Eved	500,000,000	50,000,000	200,000,000	500,000,000	500,000,000	500,000,000	20,000,000,000	22	16889989866	4000000
Fixed Interest Rate, if applicable	5.625%	4 750%	- roating	Floating	Fixed	Fixed	Fixed	Fixed		Floating	
Base Rate, if floating interest		Γ	6 Month USD Libor	6 Month USD Libor	4.0/0%	4.250%	2.750%	7.250%		•	4.500%
Margin, if floating interest rate	•			1.25%					6 Month JPY Libor	6 Month JPY Libor	1
Are there any Caps / Floor	Q	ON	N	NON	Q	ON	, UN	ON	0.95%	0.95%	8
II above is Yes, specify Caps / Floor Moratorium Deriod	40 Voor				•			2	Se -	0N -	0
Moratorium effective from	10 Years	10 Years	5yrs 6 mths	5yrs 6 mths	10 Years	10 Years	10 Years	5 Years	9 Year	9 Year	10 Year
Renavment period	Di illet accorded	03-OCT-2012	24-Oct-2014	16-Mar-2015	26-Nov-2014	26-Feb-2016	01-Feb-2017	03-May-2017	27-Sep- 2017	27-Sep-2017	19-Mar-20- 18
Repayment effective from	14-1ni-2021	bullet payment	1 year 6 mths	1 year 6 mths	Bullet payment	Bullet payment	Bullet payment	Bullet payment	3 Years	3 Years	Bullet pavir and
Repayment frequency	One time	One time	EQUIT TIME	Contration	26-Nov-2024	26-Feb-2026	01-Feb-2027	03-May-2022	12-Nov-2026	12-Nov-2026	19-Mar-20 28
Repayment installment	500,000,000	500,000,000	12.500.000	50.000.000		Che time	One time	One time	Three time	Three time	One time
Base Exchange Rate (25.03.2019)	69.67	69.67	69.67	69.67	69.67	60.67	20.02	20,000,000	/20835-3043	5629996622	Ϋ́Ι
re foreign currency loan hedged	Q	Q	Q	ON	N	- ON	ON NO	00-I	0.6389 NO	0.6389	69.67
II above is Yes, specify details		1			•		-	2	2,	ON	NO
Name of the Projects	8	~	, 0	/0							
Talcher-Ji				ę	%	%	%		%		
Ramagundam-III											
Rihand-II											
Korba											
Kayamkulam			-								
VSTPP											
Koldam	0000200										
oat-l	1.006000%	1.09000%			3.461000%						
oat-II											
VSTPP-III											
Korba III							4.58621%	3.57069%			
Bongaigaon	15.570000%	4.852600%	0.059980%	0.684590%	1 03500%	1 567640	4 740569/				11
Tapovan Vishnugad	1.694000%		0.015360%	0.175360%	1.095000%	1.06813%	e.0001 /-1	2.41038%	1.63718%	2.34143%	2.7624
Bam-II	17.569000%										
Vindhyachat-IV	19.74000%				1.45/000%						
Simhadn-II	2.337000%										
wouda-i Bam-i	20.66000%	8.484800%				0.32576%					
Kudai-I		5 000000%	2 0000100V	0000000		6.48215%					
Lara-I		15 286800%	37 250150%	0.233000%	18.668000%	8.17321%	11.09451%	11.46579%	14 -32879%		4.5324 %
Mouda-I		3.603300%	0.700230%	7 99244/%	0000000000	0.0016011	%7657C'/	9.32722%	83-38329%	5.36965%	9.9104
Solapur		5.499400%	21.630450%	6.380980%	13 495000%	6.81860%	4.30304%	0.817/0%	1.72495%		
Vindhyachal-V			0.076260%	0.870400%	5.351000%	8/ 000 in 0	4.00060 /0	%107/0°C	L .25513%	5.65901%	4.2482
Gadarwara			1.204630%	13.749630%	7.783000%	15.15780%	10.40794%	11 17203%	0 1570407		
HGU IPP IV Nodh Kommunn						5.29518%			1 .00836%	5.11/04%	9.242
Darlinalli			0.0001000		0.769000%	8.43463%	18.94333%	9.62663%	15.11195%	6.67306%	13.607 5%
Tanda-II			U.20809U%	3.065680%	2.433000%	18.81397%	12.49117%	13.97452%	17.77245%	8.10898%	
			%/0016C7'07	-	%000/£1.e	6.96985%	9.72062%	11.30523%	13.38802%	22.21006%	
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Name of the Company	NTPC LIMITED										FORM-8
Name of the Power Station	Bongaigaon TPS (3X250 MW)	(3X250 MW)									
Particulars											
	-	2	3	4	5	9	2	8	σ	ç	11
	bex				4.375% Fixed Rate Notes due	4.25% Fixed Rate	4.25% Fixed Bate 2.75% Fixed Bate	7 25% Macala	JPY Equ 350	JPY Equ 350	4.50 Fixed Rate
Source of Loan	2021*	Notes due 2022**	Mizuho II A**	Mizuho II B**	2024**	Notes due 2026**	Notes due 2026** Notes due 2028**	õ	Million A **		**
Kawas R&M		4.458000%									
Gandhar R&M		0.249900%									
Auraiya R&M		2.436100%									
Korba R&M		1.137500%									
Unchahar-IV			0.314420%	3.588800%	4.07000%						
Khargone			3.251920%	37.117290%		0.94028%	10.47844%	13.44610%	12.99857%	22.75813%	18 2739%
Rammam Hydro						0.62453%		200		N/ 7402 /	N/00 / 7.07
Telangana			-				4.34898%	4 42079%	4 73747%	10 8464106	13 687A%
Anantpur Solar								0.11749%		N TLOLOSOT	W1700.01
Mandsaur								2 29875%			
Badla Solar								0.02446%			-
Rojmal Wind						•		0 94341%		•	
Unallocated								2/11-21-21-2			

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Notes:-* The Interest rate is exclusive of withholding tax currently @ 21.84% Inclusive of surcharge & education cess) ** The Interest rate is exclusive of withholding tax currently @ 5.45% Inclusive of surcharge & education cess)

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FORM-8

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	NTPC LIMITED BONGAINGAON				· · · ·	- - - -				• •.	
Power Station											
Particulars											
Source of Loan - Bonds Series	28	30	CP	74	Q	ę				<u>[</u>	
Currency	INR	RNI	INI	HNI	e IN	R Z	A - Ne		DC-3A	80-18 BIN	50- 2B
Amount of Loan sanctioned (In	100,000.00	70,000.00	50,000.00	39,000.00	30,000.00	20,000.00	48,802.65	24,994.59	31,202.76	20,863.91	9,139.28
Lakh)											
Amount of Gross	100,000.00	20,000.00	50,000.00	39,000.00	30,000.00	20,000.00	48,802.65	24,994.59	31,202.76	20,863.91	9,139.28
COD (In Lakh)											
Interest Type	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Fixed interest	11.00%	7.89%	%6	8.84%	8.73%	8.80%	8.41%	8.48%	8.66%	8.66%	8.73%
Hate, if applicable											
Base Rate, if Floating Interest	AN	NA	K N	A/N	NA	NA	N/N	N/A	N/A	N/A	ΝΑ
Margin, if Floating Interest	Y/N	N/A	N N	N/A	N/A	NA	V/V	N/A	N/A	NIA	N/A
Caps/Floor	NO	QN	Q	No	No	Q	Ŋ	ON C	No	Q	No
If above is	N/A	A/A	N/A	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A
yes,specily caps/floor		1									1
Moratorium Period (In Years)	10	0	11	10	10	10	10	15	20	10	15
Moratorium effective from*	11/21/2008	5/5/2009	1/25/2012	10/4/2012	3/7/2013	4/4/2013	12/16/2013	12/16/2013	12/16/2013	12/16/2013	12/16/2013
Repayment Period	Bullet Repayment	Bullet Repayment	5 Equal Annual Installments commencing from	Bullet Repayment	Bullet Repayment	Bullet Repayment I	Bullet Repayment Bullet Repayment Bullet Repayment Bullet Repayment Bullet Repayment Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment effective from	11/21/2018	5/5/2019	25/01/2023 1/25/2023	10/4/2022	3/7/2023	4/4/2023	12/16/2023	12/16/2028	12/16/2033	12/16/2023	12/16/2028
Repayment Frequency	Bullet Repayment	Bullet Repayment	Yearly	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment Bullet Repayment Bullet Repayment Bullet Repayment Bullet Repayment	Bullet Repayment	Bullet Repayment	- 1	Bullet Repayment
Repayment Instalment (In Lakh)	100,000.00	70,000.00	10,000.00	39,000.00	30,000.00	20,000.00	48,802.65	24,994.59	31,202.76	20,863.91	9,139.28
Base Exchange Rate	N/A	N/A	N/A	N/A	NA	NA	N/A	N/A	N/A	N/A	NIA
Door to Door Maturity (In Years)	10	10	15	10	10	10	10	15	20	10	15
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FORM-8

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	Company Name of the	NTPC LIMITED BONGAINGAON										
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38 90 62 71 30 50<	iculars											
38 30 47 49 40<	ce of Loan - ds Serles	28	30	42		48	49	50- 1A	50- 2A	50- 3A	4 4	50- 2R
1/2000 1/2000<	e of the ects	28	30	42	47	48	49	50-1A	50-2A	50-3A	50-18 50-18	50-2B
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73000 5,0000 7,0000 9,50000 3,200,00 3,200,00 2,515,50 3,0000 5,000,00 5,500,00 3,200,00 3,200,00 3,216,17 1,25000 5,000,00 5,500,00 3,200,00 3,260,00 3,260,00 1,25000 5,000,00 5,500,00 3,200,00 1,466,16 1,146,01 1,25000 5,000,00 2,000,00 2,600,00 3,260,00 3,260,00 1,25000 5,000,00 2,000,00 2,600,00 3,260,00 3,260,00 1,25000 5,000,00 2,000,00 2,600,00 3,260,00 3,260,00 1,25000 5,000,00 2,000,00 2,600,00 3,261,10 1,146,00 1,25000 3,000,00 3,761,73 1,266,90 1,126,00 2,000,00 2,000,00 2,000,00 3,761,73 1,266,90 1,500,10 2,000,00 2,000,00 3,761,73 1,266,90 1,500,10 2,000,00 2,000,00 3,761,73 1,266,90 1,500,10 2,000,00 2,000,00 3,761,73 1,266,90 2,000,00 3,761,73 1,266,90 1,266,90 1,266,90 2,000,00 2,000,00 2,000,00 2,466,90 1,266,90 </td <td>ti Bariatu</td> <td></td> <td>00-000</td> <td></td> <td>Minore</td> <td></td> <td>00.006,2</td> <td>1,812.6/</td> <td>928.37</td> <td>1,158.96</td> <td>774.95</td> <td>339.46</td>	ti Bariatu		00-000		Minore		00.006,2	1,812.6/	928.37	1,158.96	774.95	339.46
T/2000 T/20000 T/20000 Z/20000 Z/20000 <thz 20000<="" th=""> <thz 20000<="" th=""> <thz <="" td=""><td>oorate Centre</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thz></thz></thz>	oorate Centre											
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	n nagpala la	7,500.00	3,500.00	2,400.00	2.000.00	1.800.00	2 000 00	2 844 50	1 456 83		1 016 07	597.50
	la II							3,764.78	1,928.15		1,609.50	705.03
	P II		20.000.00									
	PR&M											
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Power Station						• * •	•				
Particulars											
Source of Loan - Bonde Series	ç	UC	C.	(
Bihand III	9	8	74	9 500 00	48		50-1A	50-2A	50- 3A	50- 1B	50-2B
Rihand R & M		•	00.000	00.000.0		00.000,6	1,645.35	842.67	1,051.98	703.41	308.12
Simhadari II	17,500.00	15,000.00	3.800.00	2.500.00							
Simhadari R & M											
Vidhyachal Hydro				-							
Singrauli R & M											
Singrauli Solar											
Sipat I			14.500.00								
Sipat II											
Solapur					-		2.230.98	1.142.61	1 426.41	953.78	417 RD
Tataipati Coal Mine	· · · · ·			-							
Talcher II											
Fanda II											
Fanda R&M											
Tapovan Vishnugad	7,500.00		1.500.00	2.500.00	1 700.00		1 001 00	086 60	1 000 00		
Telangana							77.7261	00.000	07.007.1	007700	00.000
STPP R & M .											
TPSR&M											
Unchahar III											
Unchahar IV							4.183.08	2 142 30	2 674 52	1 788 34	70 202
Unchahar R & M							200001	11 11.00	2011-02	10.00 / 1	100.0
Vindhyachal III	2,000.00										
Vindhyachal IV			400.00	2,500.00		4.300.00	1.673.23	856.96	1 069 81	715 33	212.25
Vindhyachal R & M										2000	2
Vindhyachal V				•••			5.159.14	2 642 29	3 298 58	-	OEG 15
Total	100,000.00	70.000.00	50.000.00	39,000,00	30,000,00	00 000 00	40 000 GE	24 204 50	010000	50 000 01	ľ

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

Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.
 Currency refers to currency of loan such as US\$, DM, Yen, Indian Rupee etc.

Details are to be submitted as on 31.03.2004 for existing assets and as on COD for the remaining assets. Where the loan has been refinanced, details in the Form is to be given for the loan refinaced. However, the details of the original if the Tariff in the petition is claimed seperately for various units, details in the Form is to be given seperately for all the units in the പ് ٠ċ

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Interest type means whether the interest is fixed or floating.

Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Applicable base rate on different dates from 8. Margin means the points over and above the floating rate.

9. At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.

10. Moratorium period refers to the period during which loan servicing liability is not required

11. Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, annual,
 Where there is more than one drawal/repayment for a loan, the date & amount of each drawal/repayement and its allocation may
 If the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment
 In case of Foreign loan, date of each drawal & repayment alongwith exchange rate at that date may be given.
 In case exchange rate means the exchange rate prevailing as on 31.03.2004 for existing assets and as on COD for the remaining

Name of the Company Name of the Name of the Power Station Name of the Power Station NTPC LIMITED Peritoriars Company NTPC LIMITED Peritoriars Source of Loan 50-38 51-8 Source of Loan 39,996.81 10,500.00 Lakit) Amount of Loan 39,996.81 10,500.00 Lakit) Amount of Cans 39,996.81 10,500.00 Loand Erked Fixed Fixed Lakit) Manutupite N/A N/A Pate, if applicable N/A N/A N/A Marating Interest N/A N/A N/A Marating Interest N/A N/A N/A Maratin I	52 52 1000.000 75,000.000 75,000.000 9.34% 9.34% 9.34%							
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	u. Oj – –	100,000.00	1,030,683.05	50,000.00	30,000.00	65,500.00		107,250.00
	Fixed 9.34% N/A N/A	100,000.00	1,030,683.05	50.000.00	30,000,00	RE FOU OD	100,000 - 00	
	Fixed 9.34% N/A N/A					DDDDDDDDDDDDD		107,250.00
	9.34% N/A N/A	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Eiver
	NA NA NA	9.17%	8.49%	8.19%	8.18%	8.33%	8.05%	8.10%
	NA No							
ting (IS)	NA No	NA	N/A	N/A	N/A	N/A	N/A	V/N
<u>(8</u>)	QN	NA	NA	N/A	N/A	MA	N/A	A/A
(SI		NO	- C	UN CN				
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(S)	AN	WA	NIA	NA	NA	NA	N/A	N/A
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Builet Repayment Builet Repayment 12/16/2033 344/2020	1 1001 1010		0	2	D.	œ	10	2
Duriet hepayment buillet hepayment 12/16/2033 344/2020	3/24/2014	9/22/2014		12/15/2015	12/31/2015	2/24/2016	5/5/2016	5/27/2016
	bullet Hepayment	Bullet Repayment	Installments Due on E 25/03/2023, 25/03/2024 &	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Installments Due on 27/05/2021,
	3/24/2024	100/00/0	25/03/2025	104110001				27/05/2031
effective from		+202/2/2	6202/G2/6	12/15/2025	12/31/2020	2/24/2021		5/27/2021
Bullet Repayment Bullet Repayment Bullet Repayment	_	Bullet Repayment	e ou	Bullet Repayment Bullet Repayment Bullet Repayment	Bullet Repayment	Bullet Repayment	5/5/2026 Bullet Repayment	Installments Due on
			25/03/2024 & 25/03/2024 & 25/03/2025					27/05/2021, 27/05/2026 &
39,996.81 10,500.00	75,000.00	100,000.00	Installments	50,000.00	30,000.00	65,500.00	100,000.00	27/05/2031 Installments 1st -
Instalment (In Lakh)			- 412,273.22 3rd -					35,750.00 2nd -
VIN			412,273.22					35,750.00
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9 9	Name of the				3		6	8	28	99	
	Anantaur Solar	50- 3B	51-8	25	ß		57	58	59	60	61
	Auraiva R & M					5,600.00	1			15,100.00	4,500.00
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M B,100,00 B,	Bongaigaon	1,485.60			11,000.00	54,000.00	500.00	600.00	3 900.00	11,200.00	9,000.00
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mill 430.00 800.00 2,000.00 800.00<	Gandhar R &M					81,000.00			6,300.00	6,500.00	7,500.00
mil 1 0000 1 0000 510000 510000 <th>Kahalnann II</th> <th></th> <th></th> <th></th> <th></th> <th>4,300.00</th> <th></th> <th>2,000.00</th> <th></th> <th></th> <th></th>	Kahalnann II					4,300.00		2,000.00			
mil mil <th>Phase I</th> <th></th>	Phase I										
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a 2,331.24 0 1,000.00 1,000.00 1,000.00 4,5 all 3,085.47 a) 3,500.00 3,500.00 3,500.00 4,5 all 3,085.47 a) b) b) b) 3,500.00 3,400.00 4,5 PIL b) b) b) b) b) b) 3,500.00 3,400.00 5,5 PL b) b) </td <td>Lohari Nagpala</td> <td></td> <td></td> <td></td> <td></td> <td>1,600.00</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Lohari Nagpala					1,600.00					
all 3,066,47 all 3,066,47 all 4,5,000 all 4,5,000 all 4,5,000 all 4,5,000 all al	Mauda	2,331.24				21,900.00		00.007.0			
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PFR.M 11,000.00 500.00 1000.00 500.00 1,000.00 7,500.00 7,500.00 5,000.00 7,500.00 7,500.00 2,000.00 7,500.00 2,000.00 7,500.00 2,000.00 7,500.00 2,000.00 2,000.00 7,500.00 2,000.00 7,500.00 2,000.00 2,000.00 7,500.00 2,000.00 2,000.00 7,500.00 2,000.00 2,000.00 2,000.00 7,500.00 2,000.00 2,000.00 7,500.00 2,000.00 2,	NCTPP II									3,400.00	5,000.00
Karangura Stronom 3,000.00 8,000.00 5,000.00 7,500.00 7,500.00 5,000.00 5,000.00 7,500.00 5,000.00 5,000.00 7,500.00 5,000.00 7,500.00 5,000.00 7,500.00 5,000.00 7,500.00 5,000.00 7,500.00 5,000.00 7,500.00 5,000.00 2,000.00 7,500.00 2,000.00	NCTPP R & M					11,000.00	-				
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gundam 1 & 26,600.00 800.00 1,000.00 3,300.00 1,000.00 3,300.00 1,000.00 3,300.00 1,000.00 3,300.00 1,000.00 3,300.00 1,000.00	Pakri Barwadih				20000	00.001421			3,000.00	7,500.00	5,000.00
ndam 1 &	CMB					26,600.00	800.00	1,000.00		3.300.00	2,000.00
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III 134846 1 236000 800.00 1,700.00 1,700.00 1,700.00 1,700.00 1,700.00 1,700.00 2,000.00 1,700.00 2,000.00 2,000.00 1,700.00 2,000.00	Bonds Series	50-3B		52	53		57	28	59	09	
Name Name <th< th=""><th>Rihand III</th><th>1,348.4</th><th>9</th><th></th><th></th><th>28,300.00</th><th>800.00</th><th></th><th>1.700.00</th><th></th><th></th></th<>	Rihand III	1,348.4	9			28,300.00	800.00		1.700.00		
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Wr R & M Model	Simhadari II					26,800.00	1,000.00			2.000.00	
mit Hydro mit Hydro <t< th=""><th>Simhadari R & N</th><th>v -</th><th></th><th></th><th></th><th>00.008</th><th></th><th></th><th></th><th></th><th></th></t<>	Simhadari R & N	v -				00.008					
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Solar Solar <th< td=""><th>Singrauli R & M</th><td></td><td></td><td></td><td></td><td>1 600.00</td><td></td><td></td><td></td><td></td><td></td></th<>	Singrauli R & M					1 600.00					
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Testad 1,828.43 1,828.43 21,000.00 70,300.00 5,500.00 2,400.00 4,600.00 2,400.00 4,600.00	Sipat II						22222				
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Intar R & M Antar R & M 3,400.00 3,400.00 500.00 500.00 10 10 100.00 10 100.0	Unchahar IV		Q			17,400.00	4,800.00		5,400.00	1.800.00	5,000.00
vachal III vachal III vachal II vachal II <thvachal ii<="" th=""> <thvachal ii<="" th=""> <t< td=""><th>Unchahar R & M</th><td>-</td><td></td><td>-</td><td></td><td>3,400.00</td><td></td><td></td><td></td><td></td><td></td></t<></thvachal></thvachal>	Unchahar R & M	-		-		3,400.00					
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yachel R & yachol R & 1,200.00 900.00 900.00 1,000.00 1,000.00 yachel V 4,228.23 10,500.00 33,500.00 2,200.00 9,500.00 2,600.00	Vindhyachal IV		5			17,200.00	500.00		900.006		
vachal V 4.228.23 10,500.00 10,000.00 1,000.00 1,000.00 2,600.00	Vindhyachal R &										
Vactrial V 4.228.23 10,500.00 75,000.00 100,000.00 1,030,683.05 50,000.00 30,000.00 65,500.00 2,600.00 2,600.00	M Verden - E-1 V					1,200.00	00.006			1,000.00	
<u>39,996.81</u> 10,500.00 75,000.00 100,000.00 1,030,683.05 50,000.00 30,000.00 65,500.00 100,000.00	Vindhyachal V	4,228.2				33,500.00	2,200.00		9,500.00	2,600.00	800.00
	Total	39,996.8		75,000.00	100,000.00	1,030,683.05	50,000.00		65,500.00	100,000.00	107,250.00

to of the FORM-8

month FORM-8

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

Source of loan r1. Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc. Currency refers 2. Currency refers to currency of loan such as US\$, DM, Yen, Indian Rupee etc. ÷

Details are to bt3. Details are to be submitted as on 31.03.2004 for existing assets and as on COD for the remaining assets. Where the loan 4. Where the loan has been refinanced, details in the Form is to be given for the loan refinaced. However, the details of the original loan is m

If the Tariff in th5. If the Tariff in the petition is claimed seperately for various units, details in the Form is to be given seperately for all the units in the same à

Interest type me6. Interest type means whether the interest is fixed or floating. ö

Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Applicable base rate on different dates from the Base rate mean 7.

Margin means the. Margin means the points over and above the floating rate.
 At times caps/flos. At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.
 Moratorium period refers to the period during which loas servicing liability is not required.
 Repayment period refers the repayment of one such as 7 years, 10 years, 25 years etc.
 Repayment frei 1. Repayment referency means the repayment of near such as 7 years, 10 years, 25 years etc.
 Repayment frei 2. Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, annual, etc.
 Repayment frei 13. Where there is more than one drawal/repayment for a loan, the date & amount of each drawal/repayment allocation may also be 14. If the repayment instalment amount and repayment date can not be worked out from the data furmished above, the repayment schedule is in case of Fore 15. In case of Fore 16. In case of Fore 16. Base exchange rate means the exchange rate prevailing as on 31.03.2004 for existing assets and as on COD for the remaining assets.

FORM-8	EORM-8	Detaile of Alloc	tion of Council	to Bende te teui		
	o-muo	Details of Alloca	ation of Corport	Details of Allocation of Corporate Bonds to various projects	ous projects	
Name of the	Name of the					
Company Name of the Dower Station	Company Name of the Downer Station	NTPC LIMITED BONGAINGAON				
				(Amount in Rs. Lakhs)	(5)	
Particulars						
Source of Loan - Bonds Serles	8	64	65	99	29	
Currency	INR	~	INR	INR	INB	
Amount of Loan sanctioned (In	80,000.00		70,000.00	392,500.00	400,000.00	
Amount of Gross	80,000.00	70,000.00	20.000.00	392.500.00	400.000.00	
Loan drawn upto COD (In Lakh)						
Interest Type	Fixed	Fixed	Fixed	Fixed	Fixed	
Fived Interact	7.58%	7.49%	6.72%	7.37%	8.30%	
Rate, if applicable			· ·			
Base Rate, if	N/A	N/A	N/A	N/A	N/A	
Floating Interest						
Margin, if Floating Interest	۷N	N/N	N/A	WA	NA	
Are there any Caps/Floor	Ŋ	N	QN	No	QN	
If above is	N/A	N/A	N/A	N/A	N/A	
yes,specify caps/floor					3	
Moratorium Period (In Years)	10	15	Q	15	10	
Moratorium effective from*	8/23/2016	11/7/2016	11/24/2016	12/14/2016	1/15/2019	
Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	
Period					•	
Repayment effective from	8/23/2026	11/7/2031	11/24/2021	12/14/2031	1/15/2029	
	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	
Frequency						
Repayment	80,000.00	70,000.00	70,000.00	392,500.00	400,000.00	
Instalment (In Lakh)						
Base Exchange	N/A	N/A	NA	NA	N/A	
Door to Door	10	15	22	15	10	
Maturity (In Years)						

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		-				
FORM-8	FORM-8	Details of Alloc	ation of Corport	Details of Allocation of Corporate Bonds to various projects	ous projects	
Name of the	Name of the					1973. 197
Company Name of the Dower Station	Company Name of the Dower Station	NTPC LIMITED BONGAINGAON			· · · ·	•
				(Amount in Rs. Lakhs)	(5)	
Particulars						
Source of Loan - Bonds Series	62	23	65	99	67	
Name of the Projects	62	64	65	89	67	
Anantpur Solar				3	5	•
Auraiya R & M Badamur D M						
Barh I	6,400.00	9,300.00	18,800.00	46,300.00	45,957.14	•
Barh II Bhadla Solar				2,000.00	1,000.00	
Bongaigaon	6,100.00	6,800.00	1,100.00	12,700.00	38,819.65	
Chatti Bariatu CMB				300.00		
Corporate Centre					122.500.00	
Dadri Gas R & M						
Darlipalli	5,400.00	7,500.00	10,000.00	36,400.00		
Dulanga CMB				25,400.00		
Farakka R & M				•		
Gadarwara	3,200.00	2,500.00	5,300.00	28,100.00	25,900.00	
Ganonar H &M Kahalgaon II						
Phase Kabalaan				600.00		
Phase II					•	
Kawas R & M Kharnone	3 000 00		4 200 00	24 700 00		
Khstpp R & M		01-00-00	1,500.000	24,00.00		
Koldam Korba III				900.000	8,598.21	
Korba R & M				200.000	2,130,00	
Kudgi Lara I	13,500.00	5,000.00 8,600.00	8,700.00	30,300.00	10,000.00	
Lata Tapovan			22:22:12	20:000100	22) C 12:00	
Mauda				3,200.00	715.00	
Mauda II	4,500.00	3,300.00	1,400.00	11,000.00		
Mandsaur Solar NCTPP II					1,000.00	
NCTPP R & M North Karanpura	5.700.00	1.800.00	6.000.00	32,300.00	14 900 00	
Pakri Barwadih						
CMB Democritodom 1.8	-	4,300.00		6,000.00	21,521.00	
II R & M					· ·	
Ramagundam III						
Rihand II	800.00			2,000.00	2,500.00	

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FORM-8	FORM-8	Details of Alloca	ation of Corpor	Details of Allocation of Corporate Bonds to various projects	is projects
Name of the	Name of the				•
Company	Company	NTPC LIMITED			
Name of the	Name of the	BONGAINGAON			
LOWEL STATION	POWER STATION				
Darticulare				(Amount in Rs. Lakhs)	
source or Loan - Bonds Series	8	64	65	99	67
Rihand III					
Rihand R & M				3,200.00	4,270.00
Simhadari II				2 000 00	A BOA OD
Simhadari R & M					00-100-1
Vidhyachal Hydro					
Singrauli R & M					500.00
Singrauli Solar					
Sipat I				1 700 00	
Sipat II				00.001	
Solapur	00'000'6	5,100.00	4,000.00	25.300.00	25 200 00
Talaipali Coal	•				00004-00-
Talcher II					4,900.00
Tanda II	4 400 00		0 400 00	500.00	
Tanda R & M	201001	2,000.00	0,400,00	21,600.00	12,500.00
Tapovan					
Visnnugad Telandana	2,300.00	5,500.00		8,400.00	15,062.50
TSTPP R & M				5,800.00	
TTPS R & M					
Unchahar III					
Unchahar IV	2,800.00	3,500.00	2.000.00	14 700 00	2 500 00
Unchahar R & M				202201	2,000.00
Vindhyachal III					
Vindhyachal IV				3.100.00	4 804 00
Vindhyachal R & M					00-1-00-1-
Vindhyachal V	7,500.00	700.00		3,600,00	E EUO OO
Total	80,000.00	70,000.00	70,000.00	392.500.00	400.000.00
			-		

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

Source of loan r1. Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, Currency refers 2. Currency refers to currency of loan such as USS, DM, Yen, Indian Rupee etc.
 Currency refers 2. Currency refers to currency of loan such as USS, DM, Yen, Indian Rupee etc.
 Details are to bx3. Details are to be submitted as on 31.03.2004 for avisting assets and as on COD for the remaining assets.
 Where the loan 4. Where the loan has been refinanced, details in the Form is to be given for the loan refinaced. However, the details of the Tariff in the Firth in the prittion is claimed seperately for various units, details in the Form is to be given seperately for all merest type means whether the interastic fixed or floating.
 Base rate mean? Base rate means whether the interast is fixed or floating.
 Base rate mean? Base rate means the base as PLR. IBOA etc. over which the margin is to be added. Applicable base rate on a Margin means the Margin means the Base rate means the base as PLR. IBOA etc. over which the margin is to be added. Applicable base rate on the Margin means the Margin means the points over and above the floating rates are frozen. If such a condition exists, specify the limits.
 Margin means tab. Moratorium period refers to the period during which loan servicing liability is not required.
 Repayment frei 1. Repayment period means the interval at which the debt servicing is to be done such as monthy. quarterly. has 16 (if the repayment frei 12. Repayment instalment amount and repayment date can not be worked out from the data furnished above, the 13. Where there is 13. Where there is more than one drawal/repayment date can not be worked out from the data furnished above, the 14 (if the repayment instalment amount and repayment date can not be worked out from the data furnished above, the 15 in case of Foreign loan, date of each drawal k repayment date can not be

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				i i Interio				
								PART-I FORM- 9A
							•	Additional Form
		<u>(ear wise Sta</u>	atement of 1	Additional C	apitalisatio	Year wise Statement of Additional Capitalisation after COD		
Name	Name of the Petitioner			NTPC Limited	q			
Name	Name of the Generating Station			Bongaiagon T	hermal power	Bongaiagon Thermal power Station(3x250 MW)	0 MW)	
3				3/26/2019				
For Fi	For Financial Year			2019-24 (Summary)	mary)			
							AI	Amount in Rs Lakh
5			ACE Clai	ACE Claimed (Actual / Projected)	Projected)			Admitted Cost
No.	Head of Work /Equipment	2019-20	2020-21	2021-22	2022-23	2023-24	Justification	by the Commission, if
	2	3	4	5	9	6	~	any 9
Α.	Works under Original scope, Cha	nge in Law etc	: eligble for F	Change in Law etc. eligble for RoE at Normal Rate	Rate			
-	Completion of DM plant	98.00						
2	PT Plant-	79.00	•					
ຕິ	АНР	278.00						
4	LT Switchgear, HT Switchgear, Gen B	5.00						
5	Township related works	3,000.00	3,000.00					
9	Main Plant Civil works	2,200.00	2,000.00	2,000.00				
7	Balance work of TG		71.00					
8	Air Conditioning Works		520.00				24(1)(b)	
6	Power Transformer pkg		2,400.00				•	
10	Lighting package		144.00					
=	C&I Works		175.00					1
- 12	MGR works		250.00					
13	FDPS		100.00	120.00				
14	Completion of LHP/GHP			24,100.00				
15	Ventilation package			400.00				
Z	۲)							Zrique

PART-I FORM- 9A	Additional Form						Amount in Rs Lakh	Admitted Cost	by the Commission, if	any o	~	8640	(9)							(Petitioner)
	·			(MM)					Justification	ď	D	24(1)(b)	24(1)(e) & 25(1)(b)	26(1) (b)	26(1)(b)		exluding add-cap due to Change in Law eligble for RoE at Wtd. Average rate of Interest			
		after COD		Station(3x25					2023-24	<i>L</i>					2,500.00	2,500.00	Wtd. Average		2,500.00	
		<u>ipitalisation</u>		nermal power		nary)		rojected)	2022-23	2	,		40,110.00	2,500.00		42,610.00	le for RoE at		42,610.00	
		dditional Ca	NTPC Limited	Bongaiagon Thermal power Station(3x250 MW)	3/26/2019	2019-24 (Summary)		ACE Claimed (Actual / Projected)	2021-22	£.	,	16,900.00			F	43,520.00	e in Law eligh		43,520.00	
		<u>itement of A</u>		-				ACE Clain	2020-21	4		. 1			-	8,660.00	due to Chang		8,660.00	
		Year wise Statement of Additional Capitalisation after COD							2019-20	~	,	1				5,660.00	iding add-cap		5,660.00	
			Name of the Petitioner	Name of the Generating Station		For Financial Year			Head of Work /Equipment	2		FGD- Unit#1 & common facilities	FGD-Unit#2 &3	Roof for Coal pile and storing of Biomass pellets in Coal Stock	Ash Handling System	Total (A)	Works beyond Original scope exlt	Total (B)	Total Add. Cap. Claimed (A+B)	
• •			Name (Name (COD	For Fi		1	SI. No.	F		16	17	18	19		- B.	•	Total /	

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Care twice Statement of Additional Capitalisation after COD Variation of the Pertinener Variation of the Pertinener Name of the Chererting Station Name of the Chererting Station Name of the Chererting Station Statement of Additional Capital power Station(X250 NW) A Friend Free of Chererting Station State of Work Flaupment A Work state of Work Flaupment A Works under Original scope, Charge of Acreal basis Index of Work Flaupment A Works under Original scope, Charge of Acreal Properties A Works under Original scope, Charge of Acreal Properties A Works under Original scope, Charge of Acreal Properties A Works under Original Scope, Charge of Acreal Properties A Works under Original scope, Charge of Acreal Properties A Works under Original Scope, Charge of Acreal Properties A Works under Original scope, Charge of Acreal Properties A Acreal Brow of Works under Original Properties A Works under Original scope, Charge of Acreal Properties A Works under Original Scope A Works under Cols Original Scope A Acreal Brow of Work Under Cols			· · · · ·	;		1	· · ·		FORM- 9
g Station Borganging for Thermal power Station (3x250 MW) 376/2019 376/2019 Acrual basis 376/2019 Acrual basis Un-discharged Acrual basis Index	ameN	of the Patitioner	Ĭ	ear wise Statem	NTPC 1 ::::	tional Capit	alisation aft	er COD	
Anter concenting sation Bongangon 1 herrinal pover Station(3x250 MW) ancial Year 3019-20 ancial Year 2 ancial Year 2019-20 Acrual basis Un-discharged Acrual basis Un-discharged Con 2 Plant 3 Competent of DM plant 98.00 Acrual basis 100-30 Acrual basis Un-discharged Liability Cash basis Dords under Original scope, Charge II av etc. elighe for Rot at Normal Ratio Competent of DM plant 98.00 APPI 21/10(b) Scope of vork before cu off date. Ilan't before cu off. Main Plant Cuil works 2.200.00 Scopiolo 2.200.00 Main Plant Cuil works 2.200.00 Scopiolo 2.200.00 Main Plant Cuil works 2.4(1)(h) Scopiolo 2.4(1)(h) Scopiolo 2.000 Consistent work work before cu off date. Ilan't before									
3746/2019 Interial Year 2019-20 Head of Work /Equipment ACE Claimed (Actual / Projected) Regulations Head of Work /Equipment ACE Claimed (Actual / Projected) In-discharged Head of Work /Equipment ACE Claimed (Actual / Projected) In-discharged Actual basis Un-discharged Cash basis In-discharged 2 3 J Inder which Justification 2 3 Actual basis Un-discharged Cash basis Parter 2 0 3 0 Att Actual basis Liability Cash basis Included in Vorta under Original scope, Change in Law etc. eliphe for RoE at Normal Rate A A Att Actual basis 278.00 3.00 A Att Telemetoricity 278.00 24(1)(b) scope of work before or off date. How the same. Att Stop 24(1)(b) scope of work before or off date. How the same. Attender or off 5.00 2.00 A Attender or off date or Obdition 5.00 A A Attender or off Scolo 00 A A Attender or of the same or of the same or of nater or of nater or of nater or off A	Ŭ IR	e of the Generating Station			Bongaiagon 1	Thermal powe	rr Station(3x2	50 MW)	
Instal Year 2019-20 Amount Head of Work /Equipment Accrual tasis Un-discharged ID-discharged Accrual tasis Un-discharged Accrual tasis Under which Justification Col 2 3 4 5 5 3 6 7 8 8 Col Completion of DM plant 7%00 79.00 79.00 24(1)(b) Scope of work before cut off date. Howble Part Norths under original 278.00 2300.00 24(1)(b) Scope of work before cut off date. Howble Norths perfaced works 3.000 2.280.00 2 2 1 Norths perfore 2.200.00 2.200.00 2 1 1 Under original 2.411.(b) Scope of work before cut off date. Howble Part Distribution reaction 5.00 2.200.00 2 2 1 Under original 1 1 1 1 1 Distribution reactin 5.000 0 2					3/26/2019				
Head of Work //Equipment ACE Claimed (Actual / Projected) Regulations Amount Head of Work //Equipment Accural basis Under which Under which Jastification Ad 2 Accural basis Un-discharged (Actual / Projected) Regulations Jastification Co 3 Accural basis Un-discharged (Actual / Brothed in co.l.3 Cash basis included in col.3 Constrained Jastification Co 3 4 S=(3-4) 6 7 8 Accural basis Co 3 4 S=(3-4) 6 7 8 Accural basis Co 2 3 4 S=(3-4) 6 7 8 Accural basis Co Completion of DM plant 7900 7900 278.00 278.00 Accural basis Co Accural basis Co Att Transitions 278.00 278.00 270.10 278.00 Accural basis Co Accural basis Co Main Plant Coll works 5.00	for F	inancial Year	•		2019-20				
Head of Work /EquipmentACE Claimed (Actual / Projected)RegulationsLubility $Actoral basisUn-dischargedUn-dischargedIDCActoral basisUn-dischargedLabilityCash basisIncluded incoll. 3JustificationColl2345-(3-4)6788Coll23345-(3-4)678823345-(3-4)6788233323899233$								Am	ount in Rs Lakh
Actual basis Un-discharged Liability IDC under which Instification Col as per IGAM Included in col.3 Cash basis included in col.3 a 5 5 a a as per IGAM included in col.3 Cash basis included in col.3 a b a a as per IGAM included in col.3 6 7 6 7 8 ope, Change in Law etc. elighte for RoE at Normal Rate 5000 238.00 238.00 238.00 as 000 278.00 278.00 2300.00 24(1)(b) scope of work before cut off date. Honble as 0000 3.0000 2.200.000 - 5.00 2.200.000 - as 0000 0 2.200.000 - - - as 5,660,00 - 5,660,00 - - - as 5,660,00 - - - - - as 0,0000 - - - - - as 0,000	Ĭ. Z			ACE Claim	ed (Actual / Prc	ojected)	Regulations		Admitted Cost
Accrual basis as per IGAAP included in col. 3Cash basis tool. 3included in col. 3lability col. 3Cash basis col. 3included in col. 3Liability col. 3Cash basis col. 3included in 				Un-discharged		J L	under which		by the
34 $5 = (3-4)$ 678ope, Change in Law etc. elighte for Role at Normal Rate6778 98.00 98.00 98.00 98.00 79.00 79.00 79.00 79.00 79.00 278.00 278.00 278.00 278.00 278.00 278.00 278.00 278.00 278.00 278.00 278.00 278.00 278.00 278.00 278.00 278.00 278.00 2200.00			Accrual basis as per IGAAP			included in col. 3	claimed	Justification	Commission, if any
ope, Change in Law etc. eligble for RoE at Normal Rate 98.00 98.00 79.00 79.00 79.00 79.00 79.00 278.00 218.00 278.00 218.00 278.00 2.00 2.00 $2.000.00$ 5.00 $3.000.00$ $2.000.00$ $2.000.00$ $2.4(1)(b)$ scope of work before cut off date. Horble $3.000.00$ $2.000.00$ $2.200.00$ $ 5.660.00$ $ 5.660.00$ $ 5.660.00$ $ 5.660.00$ $ 5.660.00$ $ 5.660.00$ $ 5.660.00$ $ 5.660.00$ $ 5.660.00$ $ 5.660.00$ $ 5.660.00$ $ 5.660.00$ $ 5.660.00$ $ -$ </td <td>-</td> <td>2</td> <td>e C</td> <td>4</td> <td>5= (3-4)</td> <td>9</td> <td>7</td> <td>8</td> <td>6</td>	-	2	e C	4	5= (3-4)	9	7	8	6
93.00 98.00 98.00 79.00 <	Α.	Works under Original scope, Cha	ange in Law etc	. eligble for RoE	at Normal Rat	le			
79.00 79.00 79.00 79.00 79.00 79.00 79.00 79.00 278.00 278.00 278.00 278.00 278.00 278.00 79.00		Completion of DM plant	98.00		98.00			an and a subscription of the	
278.00 272.00 272.0	5	PT Plant	79.00		79.00				
tr, Gen 5.00 5.00 5.00 $24(1)(b)$ scope of work before cut off date. Hon ble scope of work before cut off date. Hon ble $3,000.00$ $2,000.00$ $3,000.00$ $2,200.00$ </td <td>e</td> <td>АНР</td> <td>278.00</td> <td></td> <td>278.00</td> <td></td> <td></td> <td>These are the balance work under original</td> <td></td>	e	АНР	278.00		278.00			These are the balance work under original	
3,000.00 3,000.00 3,000.00 2,200.00 2,200.00 - 5,660.00 - 5,660.00 state - -	4	LT Switchgear, HT Switchgear, Gen Busduct works-	5.00		5.00		24(1)(b)	scope of work before cut off date. Hon'ble Commission mav be pleased to allow the same.	
2,200.00 2,200.00 - 5,660.00 - <td>5</td> <td>Township related works</td> <td>3,000.00</td> <td></td> <td>3,000.00</td> <td></td> <td></td> <td></td> <td></td>	5	Township related works	3,000.00		3,000.00				
5,660.00 - 5,660.00 - 5,660.00 scope exluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest - - - 5,660.00 - 5,660.00	9	Main Plant Civil works	2,200.00	-	2,200.00				
scope exluding add-cap due to Change in Law eligble for RoE at Wtd. Average rate of Interest 5,660.00 - 5,660.00 - 7		Total (A)	5,660.00	1	5,660.00				
5,660.00 - - -	ä	Works beyond Original scope exi	luding add-cap	due to Change in	Law eligble fo	or RoE at Wt	d. Average rat	e of Interest	
5,660,000 - - 5,660,000									
		Total (B)		•	1	1			
Petitioner	otal	Add. Cap. Claimed (A+B)	5,660.00	1	5,660.00	-			
Konden		•	n n Start				-		
Retitioner									
(Petitioner)	•	· · · ·)	anguy
									(Petitioner)

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PART-I FORM- 9					A mount in Rs Lakh	Admitted Cost	by the Commission, if	9			-													The second secon	(Detitioner)
er COD		60 MW)			Amo		Justification						These are the balance work under origin Scope		Commission may be pleased to allow th same.					te of Interest					
alisation aft		Bongaiagon Thermal power Station(3x256) MW)				Regulations	under which claimed	~					<u> </u>	24(1)(b)	<u> </u>					d. Average rat					
ional Capit	P	hermal powe				jected)	IDC included in col 3	9	te						-				1	or RoE at W			•		
ent of Addit	NTPC Limited	Bongalagon T	3/26/2019	2020-21		I (Actual / Pro	Cash basis	5= (3-4)	at Normal Ra	3000.00	2000.00	71.00	520.00	2400.00	144.00	175.00	250.00	100.00	8,660.00	Law eligble fo		0 6 6 6 0 00	00.000.00		
tr wise Statement of Additional Capitalisation after COD	1					ACE Claimed (Actual / Projected)	Liability included in col.	64	. eligble for RoE at Normal Rate										•	due to Change in Law eligble for RoE at Wtd. Average rate of Interest		•			
Year							Accrual basis as per IGAAP	9	ange in Law etc	3000.000	2000.00	71.00	520.00	2400.00	144.00	175.00	250.00	100.001	8,660.00	uding add-cap		- 00 099 8	00.0000		
	Name of the Petitioner	Name of the Generating Station		For Financial Year		Head of Work /Equipment		2	Works under Original scope, Change in Law etc.	Township related works	Main Plant Civil works	Balance work of TG	Air Conditioning Works	Power Transformer pkg	Lighting package	C&I Works	MGR works	FDPS	Total (A)	Works beyond Original scope exluding add-cap d		Total Add. Can. Claimed (A+R)		•	
	Name o	Name 0	COD	For Fin		SI.	No	-	Α.	1	2	3	4	5	9	5	8	6		B	-	Total A			

			11-1-0-1-1-1-1	Amount in KS Lakn	Authined Cost by the Commission, if any		6			onble		riew of the tariff	rder dvance ect 8640 nt	the					and a	(Petitioner)
	50 MW)				Justification				These are the halance work under original score of work hofe-as are defined at	Commission may be pleased to allow the same.		CD for all three units are under original scope of work of Bongaigaon TPS in v sigh subher content of NECL Coal allocated for Bongaigaon TPS. Accordingly, weithouse thad envised the said work to be completed in the year 2017-18 in the	returnor 1-2011/2010. The From Dis Commission has approved the same in tariff or lated 22.5.2017 in petition no 45/GT/2016. The construction of FGD plant is in a tage, however has not been completed within stipulated time due to various proje mplementation issues such as project located in Bodoland area of Assam, frequer andbis, excessive Fainfall. They and order issues ere which were shead, accommise	fonchele Commission in the said order. The work of FGD of Unit#1 along with ommomon facilities, such as reagent preparation and supply system, gypsum lewatering system etc are projected to be completed within the cut off date i.e. in ear 2021-22. Honble Commission may be pleased to allow the same.		ate of Interest				
	er Station(3x2			Regulations	under which claimed	F				24(1)(b)			d 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u>, 10 X</u>		Vtd. Average r				
þ	Thermal pow			jected)	IDC included in col. 3	4										for RoE at V		•		
NTPC Limite	Bongaiagon] 3/76/2010	2021-22		d (Actual / Pro	Cash basis	5= (3-4)	et Normel D	2000.00	120.00	24100.00	400.00		16900.00	n de la Com Statute de la Com Statute de la Com	43.520.00	n Law eligble		43,520.00		
				ACE Claime	Un-discharged Liability included in col.	14	c elichla for Rol	8							•	due to Change i		•		
					Accrual basis as per IGAAP	3	iange in Lawet	2000.00	120.00	24100.00	400.00		16900		43,520.00	luding add-cap		43,520.00		
Name of the Petitioner	e Generating Station	For Financial Year		Head of Work /Equipment		2	rks under Original scone. Ch	Main Plant Civil works	FDPS	Completion of LHP/GHP	Ventilation package		FGD- Unit#I & common facilities	·	Total (A)	rks beyond Original scope ex	Total (B)	Total Add. Cap. Claimed (A+B)		
		g Station		NTPC Limited Bongaisgon Thermal power Station(3x250 MW) 3/26/2019 2021-22	NTPC Limited NTPC Limited Bongaingon Thermal power Station(3x250 MW) 3/26/2019 3/26/2019 2021-22 tent ACE Claimed (Actual / Projected)	NTPC Limited NTPC Limited Bongaiagon Thermal power Station(3x250 MW) 3/26/2019 2021-22 3/26/2019 Amo ACE Claimed (Actual / Projected) Regulations Un-discharged Accrual basis Liability as per IGAAP included in col. col. 3 col. 3	NTPC Limited NTPC Limited Bongalagon Thermal power Station(3x250 MW) Bongalagon Thermal power Station(3x250 MW) 2021-22 2021-22 Accrual basis Un-discharged I Liability IDC as per IGAAP InDC as per IGAAP included in col. 3 4	NTPC Limited NTPC Limited Bougaiagon Thermal power Station(3x250 MW) 3/26/2019 3/26/2019 3/26/2019 cent ACC Tailed (Actual / Projected) Regulations Un-discharged Accrual basis Liability as per IGAAP included in col. 3 4 5 3	NTPC Limited Bongaiagon Thermal power Station(3x250 MW) Bongaiagon Thermal power Station(3x250 MW) 376(2019 Actual / Projected) Accrual basis Un-discharged Regulations Accrual basis Liability Regulations as per IGAAP included in col. 3 4 3 4 5=(3-4) 6 2000.00 2000.00 2000.00 0	NTPC Limited Bongaingon Thermal power Station(3x250 MW) 3026/2019 Amo Amo Amo Actual / Projected) Regulations cent Accrual basis Liability Accrual basis Liability Cash basis IDC as per IGAAP as per IGAAP included in col. 3 3 4 5=(3-4) 6 7 096. Change in Lawets: eligible for Rols atom IDC 120.00 120.00 These are the halance work moder critical content of the content	NTPC Limited NTPC Limited Bongaiagon Thermal power Station(3x250 MW) 3/26/2019 3/26/2019 3/26/2019 Accural basis Junder which Accural basis Liability Cash basis IDC as per IGAAP included in coll 3 4 5 7 2000.00 2000.00 120.00 120.00 24100.00 2410(10)	NTPC Limited NTPC Limited Bougaiagon Thermal power Station(3x250 MW) Bougaiagon Thermal power Station(3x250 MW) 3/26/2019 3/26/2019 Accrual basis Junder which included in col. as per IGAAP IDC as per IGAAP Included in col. as per IGAAP IDC as per IDC 2410.00	NTPC Limited NTPC Limited Borgaligen Thermal power Station(3.250 MW) Borgaligen Thermal power Station(3.250 MW) Borgaligen Thermal power Station(3.220 MW) Borgaligen Thermal power Station(3.250 MW) Image:	NTPC Limited NTPC Limited 1326/2013 1326/2014 tent ACE Claimed (Actual / Projected) Regulations 2021-23 2021-23 Acrual basis Un-discharged Incl 2021-23 and Incl Acrual basis Un-discharged Incl 2021-23 and Incl Acrual basis Un-discharged Incl 2021-23 and Incl Acrual basis Liability Cash basis a 3 4 S=-(3-4) 6 a 3 - - 8 Arcmag if Law rett: eligible for R08 at Normal Rate Claimed 120.00 120.00 120.00 120.00 120.00 24(1)(b) 120.00 2100.00 24(1)(b) 120.00 120.00 1120.00 2100.00 2100.00 24(1)(b) 120.00 122.00 1120.00 2100.00 2100.00 24(1)(b) 120.00 1120.00 1120.00 2100.00 2100.00 24(1)(b) 1200.00 1120.00 1112 1200.00 1200.00 1120.00 1200.00 24(1)(b) 114ee units are under origi	NTPC Limited NTPC Limited Biographic Thermal power Station(3.250 MW) Biographic Thermal power Station(3.250 MW) Biographic Thermal power Station(3.250 MW) Biographic Claimed (Actual / Projected) Regulations Accman basis Under which Lishift (Satton 1 - ACE Claimed (Actual / Projected)) Regulations Accman basis Under which Claimed Distribution Lishift (Satton 1 - ACE Claimed (Actual / Projected)) Regulations Accman basis Under which Accman basis Included in col. Cash basis Included in col. Anno Accman basis Included in col. 2300.00 24(1)(b) These are the balance work under original scope of work before cut off date. Honthe Commission may be pleased to allow the same. 400.00 24(1)(b) These are the balance work under original scope of work before cut off date. Honthe Commission may be pleased to allow the same. 400.00 24(1)(b) These are the balance work under original scope of work before cut off date. Honthe Commission may be pleased to allow the same. 400.00 400.00 24(1)(b) These are the balance work under original scope of work of Bongaigaon TPS in view of biofing submedse and the antice off and are of Assam. Frequent ander original scope of work of Bongaigaon TPS in view of biofing s	NYPE Limited NYPE Limited 3011-321 3012-321 1-000 3001-321 3011-321 3012-321 3011-321 3012-321 3011-321 3012-321 Acrual basis Included in col. ash biological Distification Acrual basis Included in col. ash biological a 3 3 3 - 200.00 24(1)(b) 210.00 24(1)(b) 120.00 24(1)(b) 24(1)(b) 1120.00 24(1)(b) 1120.00 24(1)(b) 1120.00 24(1)(b) 1120.00 24(1)(b) These are the balance work under original scope of work before cut off date. Homble 400.00 400.00 24(1)(b) 16900.00 24(1)(b) These are the balance work under original scope of work before cut off date. Homble 400.00 400.00 24(1)(b) These are the balance work under original scope of work of Bongaigaon TPS in view of 16900.00 24(00.00 24(1)(b)	NTPC Limited NTPC Limited 31201-123 2021-123 2021-123 2021-123 2021-123 2021-124 2021-123 2021-124 2021-123 2021-124 2021-123 2021-124 2021-123 2021-124 2021-124 Distribution 2021-124 Distribution 2021-124 Distribution 2021-124 Distribution Acronal basis Included in col. 2 - - 2 - - 2 - - 2 - - - 2 - - - - 2 - - - - - 2 - - - - - - 2 - - - - - - - - - - - - - - - - - <t< td=""><td>NTPC Limited NTPC Limited Banging in the main power Station(3.250 MW) Data state Data state</td><td>NTPC Limited Bargalizien Thermal power Station(3x250 MW) Distribution Distribution</td><td>NITE: Limited NITE: Limited for the new Nich in the new Nich in the new Nich in the new Nich included in the Nich included in the new Nich</td></t<>	NTPC Limited NTPC Limited Banging in the main power Station(3.250 MW) Data state Data state	NTPC Limited Bargalizien Thermal power Station(3x250 MW) Distribution Distribution	NITE: Limited NITE: Limited for the new Nich in the new Nich in the new Nich in the new Nich included in the Nich included in the new Nich

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Name of the Petitioner Name of the Generating Station			NTPC Limited	Year wise	vise Statement of Add	Year wise Statement of Additional Capitalisation after COD	
			3/26/2019		DCTVC MAINTENC		
ror rinancial Year			2022-23				
Head of Work /Fominment		ACE Claim	ACE Claimed (Actual / Busissial)	at a start of		Amoun	Amount in Rs Lakh
		Un-discharged			regulations under which	Ad	Admitted Cost
	Accrual basis as per IGAAP	Liability	Cash basis	IDC included		Justification	by the Commission if
2	F	included in col. 3	N 0 - 2	2.102			any
Works under Original scope. Chance in 1 aw etc. elichie for RoF at Normal Pete	nange in Law etc	eliable for Roff a	+ Normel Date	2 2 2 2		80	6
		Print the singer .		Station of the			
FGD-Unit#2 & 3	401110			401 10	24(1)(e) & 25(1)(b)	FGD for all three units are under original scope of work of Bongaigaon TPS in view of high sulpher content of NECL Coal allocated for Bongaugon TPS. Accordingly Honble Commission has approved the same in tariff order dated 22.5.2017 in petition no 45/GT72016. Accordingly Honble Commission has approved the same in tariff order dated india ("MoEFICC") has notified the Environment (Protection) Amendment Rules, 2015 ("MoEFICC Notification") dated 12.2.5.2013. which mandates that all thermal power plants installed, to be installed, are required to comply with the origin ("MoEFICC") has notified the Environment (Protection) Amendment Rules, 2015 ("MoEFICC Notification") dated 0.112.2015. which mandates that all thermal power plants installed, to be installed, are required to comply with the envised emission norms as specified in the MOEF Notification. A copy of the notification dated 07.12.2015 is attached as Amexure-A. At the time of investment approval of FDD in 2008, there was no norms limiting SO2. As per the new environmental norms, the Bongaigaon TPS has to meet more stringent norms for UJ2-2015 is attached as final to SO2 level at the FGO O. Li se mvisage to be in the range of 270 mg/m3 at design coal. However, as per the new environmental norms, the Bongaigaon TPS has to meet more stringent norms for UJ2-2015 is attached first to SO2 level at the FGO O. Li se mvisage to be in the range of 270 mg/m3 at design coal. However, as per the new environmental norms, the Bongaigaon TPS has to meet more stringent norms for UJ2-2015 is attached first to the soft and addition of FGD is projected to be completed with new designed changes and cosequently requiring design. Accordingly, present Absorber are to be replaced with new of the design changes and cosequently requiring recognitionering, the work of FGD is projected to be completed after cut off date. Honble Commission may be pleased to allow the expenditure after cut off date under Change in Law.	
Roof for Coal pile and storing of Biomass pellets in Coal Stock Yard	72500			22 22	26(1) (b)	BgTPP is located in high rain fall area where average annual rainfall is about 3500 mm of about 06 to 07 months long period. Due to heavy rain fall, Bongargaon TPS is facing problem of coal wash out, coal sliding etc. Further, the major quantity of coal to be used in future is from NECL which is high CCV and sticky in nature. Due to heavy rain and coal transportation by box rakes of about 700 km (Margarita ocal muse near Tinsukia) through heavy rainfall zone, this high GCV coal gets weit and sticky. Moreover, his sticky coal in open yard, the problem gets agravated and compacting becomes more difficult. Due to stickines, site is facing continuous cloking problem in different TPs and compacting becomes more difficult. Due to stickines, site is facing continuous cloking problem in different TPs and bunkes. Set his part is a non pit head station, so before rainy season, sufficient buffer stock requires to be maintained in the coal adde Therefore, BgTPS is under planming to provide shed for coal stockpiles. Further, Ministry of Power, Government of India, vide letter No. 11/86/2017-Thi II dated 17th Nov'2017 has issued the "Policy for Biomas Utilization for Power Generation through Co-fining in Pulverized Coal Fired Boilters" Wherein it is envisaged that fluidized bed and pulverized coal units shall endervour to use 5-10% blend of biomass pellets mate, brinansy of agro residue along with coal. (Attached at Amerure -C) Therefore, in view, of the same. Station will use of biomass pellets in future, fluidiscie bed and pulverized coal units shall endervour to use 5-10% blend of piomas pellets mate, and station so that over stockyard. Keeping in view, the criticalities materianed above & the requires storing the pellets, roof shed over stockyard. Keeping in view, the criticalities materiand biomass pellets in future, this will also enhance the sustainable coal feeding inviewed materianed and biomas buttee. Thus, will also enhance the sustainable coal feeding in view, the criticalities materioned biomes bellets in future	
Total (A) 40,110,00 - 40,110,00 - 1 40,110,00 - 1 Votes bevond Original score extrafting and the factor of the fac	40,110.00			40,110.00	21-21-21-21-20		
		INC IN CHANGE IN A	Law cuguie to:	KOL BI WIU.A	verage rate or		
Total (B)		•					Ţ
I otal Add. Cap. Claimed (A+B)	40,110.00	-	•	40,110.00			
							3
· / /							(Petitioner)

	vise Statement of Additional Capitalisation after CC
ame of the Petitioner lame of the Generating Station Avenue Station Avenue Station Avenue Station Avenue Station Avenue Station Avenue	Limited 300n Thermal movier Station (32)50 MWA
	19
Head of Work /Equipment ACE Claimed (Actual / Projected) Revulations	
ed	
included in col. Cash basis IDC included in col. 3	LUC included in col. 3
-1	
Works under Original scope, Change in Law etc. elighle for Roß at Normal Rate	ate second as a second seco
2500.00 2500.00 2500.00 2500.00 2500.00 2.500.00 2.500.00 2.500.00 2.500.00 2.500.00 2.500.00 2.500.00 2.500.00	
otal Add. Cap. Claimed (A+B) 2,500.00 - 2,500.00 - 2,500.00	- 2,500.00

										PART-I
									Ĩ	FORM- 10
									•	
Name of the Petitioner				NTPC Limited	nited					
Name of the Generating Station	u			Bongaiag	on Therma	ll power S	tation(3x2	50 MW)		
Date of Commercial Operation	u			3/26/2019	3/26/2019					
								Amount i	Amount in Rs Lakh	
Financial Year (Starting from			Actual					Admitted		
COD)I	2019-20	2020-21	2021-22	2022-23	2023-24	2019-20	2020-21	2021-22	2022-23	2023-24
1		3	4	5	9	7	8	6	10	11
Amount capitalised in Work/ Equipment	luipment									
Financing Details										
Loan-1			•				•			
Loan-2										
Loan-3 and so on										:
Total Loan2					•			•		
		Y	Add cap is	proposed (to be finan	ce in Deht	Equity ra	Add cap is proposed to be finance in Debt:Fouity ratio of 70:30	0	
Equity	÷.,		•	4					5	
Internal Resources										
Others (Pl. specify)	- - -	• • • •				·.			*.	
	·			•						-
Total	-									
	-	•								
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									(reuuoner)	oner)
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Name of the Company : NTPC Ltd	
Name of the Power Station : Bongaigaon	Thermal Power Project(3x250 MW)

SI. no.	Name of the Assets ¹	Actual Gross Block as on 01.04.2019	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount on Gross Block as on 01.04.2019
1	2	3	4	5
1	Land - Free Hold	132.41	0.00%	-
2	Site Clearance & Levelling	397.58	3.34%	13.28
3	Steam Generator	243,627.09	5.28%	12,863.5
4	Turbine Generator& Auxiliaries.	152,611.42	5.28%	8,057.8
5	CW System-Equipments	1,769.57	5.28%	93.4
6	DM Plant	3,673.52	5.28%	193.90
7	Water Pre-Treatment Plant (Clarification Plant)	7,275.55	5.28%	384.1
8	Ash Handling-Turnkey (Incl. AWRS)	14,364.31	5.28%	758.44
9	Coal Handling - Turnkey	37,248.80	5.28%	1,966.74
	Locomotives	3,263.58	5.28%	172.33
11	Air Conditioning and Ventialtion	1,730.71	5.28%	91.38
12	Fire Detection & Protection System	2,955.32	5.28%	156.04
13	Station Piping	4,086.02	5.28%	215.74
	Workshop & lab building	-	3.34%	-
15	400 KV Switch yard Package	9,285.64	5.28%	490.28
16	LT Outdoor Transformers	2,614.83	5.28%	138.06
17	Generator Bus Dust	1,484.13	5.28%	78.36
18	Power Transformer	14,795.30	5.28%	781.19
19	11 KV & 3.3 KV Swichgear	2,870.37	5.28%	151.56
20	LT Swichgear & LT Busduct	3,706.75	5.28%	195.72
21	Power Cables-HT	807.68	5.28%	42.65
22	Power Cables-LT	1,262.50	5.28%	66.66
23	Control Cable	329.94	5.28%	17.42
24	Electrical Eqpt Supply & Erection (Lighting)	7,579.10	5.28%	400.18
	Control & Instrumentation	7,221.55	5.28%	381.30
	Main Plant Buildings	71,568.70	3.34%	2,390.39
	CW Civil Work	2,246.34	5.28%	118.61
	Cooling Tower	13,200.73	5.28%	697.00
_	RLY SIDING WORKS-RITES	25,916.34	5.28%	1,368.38
	Ash Dyke - Statar	12,985.30	5.28%	685.62
	Township Buildings (Quarters and Others)	16,357.23	3.34%	546.33
_	Petrol Pump	44.90	3.34%	1.50
	Store	536.64	3.34%	17.92
	SWGR & SUBSTN BUILDING - CIVIL WORKS	62.35	3.34%	2.08
-	Boundary Wall	811.21	3.34%	27.09
	Drains	2,015.81	3.34%	67.33
	Roads	983.19	3.34%	. 32.84
	Bridge and Culvert	20.73	3.34%	0.69
-	Other Enabling Works	851.55	3.34%	28.44
	Chimney	10,685.90	5.28%	564.22
_	Tools and plants	867.07	5.28%	45.78
	Other Buildings	13.15	3.34%	0.44
	Temporary Erection	112.88	100.00%	112.88
4	Water Supply, drainage & Sewerage	22.49	5.28%	1.19
15	Plant and Machinery	756.50	5.28%	39.94
	Furniture & Fixtures	779.65	6.33%	49.35
7	Other Office Equipments	496.06	6.33%	31.40
8	EDP, WP Mahines & SATCOM Equipments	353.60	15.00%	53.04
_	Vehicles including speedboats	81.94	9.50%	7.78
-	Electrical Installtions	306.37	5.28%	16.18
	Communication Equipments	74.95	6.33%	4.74
	Hospital Equipments	114.35	5.28%	6.04
	Laboratory Equipments	61.75	5.28%	3.26
	Software	49.29	15.00%	7.39

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	igaon Thermal Pow	er Project(3x250 MW)	FORM- 1 .Rs Lakh
Name of the Assets ¹	Actual Gross Block as on 01.04.2019	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount on Gross Block as on 01.04.2019
2	3	4	5
Capital Spares	4,647.27	5.28%	245.38
Total	692,117.92		34,883.50
hted Average Rate of Depriciation		5.0401%	
	ne of the Power Station : Bonga Name of the Assets ¹ 2 Capital Spares Total	Name of the Power Station Bongaigaon Thermal Power Name of the Assets ¹ Actual Gross Block as on 01.04.2019 2 3 Capital Spares 4,647.27 Total 692,117.92	Actual Gross Block as on 01.04.2019 Depreciation Rates as per CERC's Depreciation Rates 2 3 4 Capital Spares 4,647.27 5.28%

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							-	PART-I FORM- 12
		Staten	Statement of Depreciation	eciation				
Nam	Name of the Company :		NTPC Limited	p				
Nam	Name of the Power Station :		Bongaiagon 7	Bongaiagon Thermal power Station(3x250 MW)	r Station(3x2	50 MW)		
							(Amount	(Amount in Rs Lakh)
S. S.	Particulars		Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2		3	4	5	9	7	8
	Opening Capital Cost		627289.01	627,299.67	632,959.67	641,619.67	685,139.67	727,749.67
2	Closing Capital Cost		627299.67	632,959.67	641,619.67	685,139.67	727,749.67	730,249.67
Э	Average Capital Cost		627294.34	630,129.67	637,289.67	663,379.67	706,444.67	728,999.67
la		uded in (1) above*		1		1	-	•
2a	Cost of IT Equipments & Software included in (2) above*	uded in (2) above*		1	1	1	•	12 1 1
<u>3a</u>	Average Cost of IT Equipments & Software	vare		-	-	•	1	
4	Freehold land		495.00	495.00	495.00	495.00	495.00	495.00
5	Rate of depreciation		5.0401	5.0401	5.0401	5.0401	5.0401	5.0401
9	Depreciable value		564,119.41	566,671.20	573,115.20	596,596.20	635,354.70	655,654.20
7	Balance useful life at the beginning of the	the period	24.14	23.14	22.14	21.14	20.14	19.14
8	Remaining depreciable value		514,868.01	516,900.08	491,584.92	482,945.88	488,269.38	472,963.36
6	Depreciation (for the period)		519.72	31,759.17	32,120.04	33,435.00	35,605.52	36,742.31
10	Depreciation (annualised)		31,616.29	31,759.17	32,120.04	33,435.00	35,605.52	36,742.31
11	Cumulative depreciation at the end of the period	ne period		81,530.29	113,650.32	147,085.32	182,690.84	219,433.15
12	Less: Cumulative depreciation adjustment discharged liabilities deducted as on 01 04	ant on account of un-	00.00		1		T	
13	Add: Cumulative depreciation adjustment on account of liability Discharge	nt on account of	00.0	1				
14	Less: Cumulative depreciation adjustment capitalisation	ent on account of de-	00.0	•	•	1		
.15	Net Cumulative depreciation at the end of the period after adjustments	of the period after	49,771.12	81,530.29	113,650.32	147,085.32	182,690.84	219,433.15
	*Shall be provided at the time of true up	0						
1. 12.							Ċ.	amil
								(Petitioner)

Name of the Company Name of the Power Station

NTPC LTD. Bongaigaor

Nam	e of the Power Station	r	T	Bongaigaon		mount in lacs)
SI. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Mizuho II A	20.90	20.00	20.90	20.90	20.89
	Gross Ioan - Opening	20.89	20.89	20.89	20.89	20.65
	Cumulative repayments of Loans upto previous period	0.00	5.22	15.67	20.89	20.89
	Net Ioan - Opening	20.89	15.67	5.22	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
<u>.</u>	Total	20.89	15.67	5.22	0.00	0.00
	Repayments of Loans during the period	5.22	10.45	5.22	0.00	0.00
	Net Ioan - Closing	15.67	5.22	0.00	0.00	0.00
	Average Net Loan	18.28	10.45	2.61	0.00	0.00
	Rate of Interest on Loan	4.1146%	4.1146%	4.1146%	4.1146%	4.1146%
	Interest on Loan Annualised	0.75	. 0.43	0.11	0.00	0.00
2	Mizuho II B					
	Gross loan - Opening	953.91	953.91	953.91	953.91	953.91
	Cumulative repayments of Loans upto previous period	0.00	238.48	715.43	953.91	953.91
	Net loan - Opening	953.91	715.43	238.48	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	953.91	715.43	238.48	0.00	0.00
	Repayments of Loans during the period	238.48	476.95	238.48	0.00	0.00
	Net loan - Closing	715.43	238.48	0.00	0.00	0.00
	Average Net Loan	834.67	476.95	119.24	0.00	0.00
	Rate of Interest on Loan Interest on Loan Annualised	4.1146%	4.1146%	4.1146%	4.1146%	<u>4.1146%</u> 0.00
			19.02	1.71	0.00	0.00
3	5.625% Fixed Rate Notes due 2021					
	Gross loan - Opening	54238.10	54238.10	54238.10	54238.10	54238.10
[
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	54238.10	54238.10
	Net loan - Opening	54238.10	54238.10	54238.10	0.00	0.00
<u> </u>	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increased Decrease due to ACE/Drawl during the same		0.00	0.00		
	Increase/ Decrease due to ACE/Drawl during the period Total	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	<u>54238.10</u> 0.00	54238.10 0.00	54238.10 54238.10	0.00	0.00
	Net loan - Closing	54238.10	54238.10	0.00	0.00	0.00
	Average Net Loan	54238.10	54238.10	27119.05	0.00	0.00
	Rate of Interest on Loan	7.7700%	7.7700%	7.7700%	7.7700%	7.7700%
_	Interest on Loan Annualised	4214.30	4214.30	2107.15	0.00	0.00
	4.75% EURO BONDS 2022					
	Gross loan - Opening	16904.03	16904.03	16904.03	16904.03	16904.03
	Cumulative repayments of Lease unto providue age d	0.00	0.00	0.00	0.00	10004.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	16904.03
	ncrease/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
ť		0.00	0.00	0.00	0.00	0.00
h	ncrease/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	16904.03	16904.03	16904.03	16904.03	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	16904.03	0.00
	Net Ioan - Closing	16904.03	16904.03	16904.03	0.00	0.00
	verage Net Loan	16904.03	16904.03	16904.03	8452.02	0.00
	Rate of Interest on Loan	5.0400%	5.0400%	5.0400%	5.0400%	5.0400%
- 11	nterest on Loan Annualised	851.96	851.96	851.96	425.98	0.00

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am	e of the Power Station		. · ·	Bongaigaon		nount in la
SI. 10.	Particulars	201 9 -20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
5	4.375% EURO BONDS 2024					
	Gross Ioan - Opening	6740.57	6740.57	6740.57	6740.57	6740
			0.00	0.00	0.00	
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	(6740
	Net loan - Opening Increase/ Decrease due to FERV	6740.57	6740.57	6740.57		<u>6/4</u> (
		0.00	0.00	0.00	0.00	
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	
	Total	6740.57	6740.57	6740.57	6740.57	674
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	(
	Net loan - Closing	6740.57	6740.57	6740.57	6740.57	674
	Average Net Loan	6740.57	6740.57	6740.57	6740.57	6740
	Rate of Interest on Loan	4.6400%	4.6400%	4.6400%	4.6400%	4.640
	Interest on Loan Annualised	312.76	312.76	312.76	312.76	31
6	4.25% Fixed Rate Notes due 2026					
	Gross loan - Opening	5443.46	5443.46	5443.46	5443.46	5443
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	(
	Net loan - Opening	5443.46	5443.46	5443.46	5443.46	544
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	
	The survey of the second desides the second desides the second desides of the second des	0.00	0.00			
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	5443
	Total Repayments of Loans during the period	<u>5443.46</u> 0.00	0.00	<u> </u>	0.00	544.
	Net loan - Closing	5443.46	5443.46	5443.46	5443.46	5443
	Average Net Loan	5443.46	5443.46	5443.46	5443.46	5443
	Rate of Interest on Loan	4.4930%	4.4930%	4.4930%	4.4930%	4.493
	Interest on Loan Annualised	244.57	244.57	244.57	244.57	244
1	2 750/ Elizad Data Nation due 2020					
	2.75% Fixed Rate Notes due 2028 Gross Ioan - Opening	6778.09	6778.09	6778.09	6778.09	6778
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	(
	Net Ioan - Opening	6778.09	6778.09	6778.09	6778.09	6778
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	(
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	c
	Total	6778.09	6778.09	6778.09	6778.09	6778
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	(
	Net loan - Closing	6778.09	6778.09	6778.09	6778.09	6778
	Average Net Loan	6778.09	6778.09	6778.09	6778.09	6778
	Rate of Interest on Loan	2.9200%	2.9200%	2.9200%	2.9200%	2.920
	Interest on Loan Annualised	197.92	197.92	197.92	197.92	197
+	7 250/ Massis Danda dua 2022					
	7.25% Masala Bonds due 2022	4022 77	4033 77	4022 77	4023 77	407
	Gross loan - Opening	4832.77	4832.77	4832.77	4832.77	4832
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	4832
	Net loan - Opening	4832.77	4832.77	4832.77	4832.77	
ť	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	C
_	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0
	Total	4832.77	4832.77	4832.77	4832.77	
	Repayments of Loans during the period	0.00	0.00	0.00	4832.77	
	Net Ioan - Closing	4832.77	4832.77	4832.77	0.00	
	Average Net Loan	4832.77	4832.77	4832.77	2416.38	7.664
	Rate of Interest on Loan	7.6645%	7.6645%	7.6645%	7.6645%	7.664
- 11	Interest on Loan Annualised	370.41	370.41	370.41	185.20	0

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Name of the Company Name of the Power Station

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Nam	e of the Power Station		•	Bongaigaon		nount in lacs
SI.	Particulars I	2019-20	2020-21	2021-22	2022-23	2023-24
no.						
1	2	3	4	5	6	7
9	JPY Equ. 350 Million A	2256	2256	2256	2256	235
	Gross loan - Opening	2356	2356	2356	2356	233
	Cumulative renouments of Leans upto providus period	0	o	0	n	
	Cumulative repayments of Loans upto previous period	2356	2356	2356	2356	235
	Net loan - Opening Increase/ Decrease due to FERV	2330	2330	2350	2550	255
			v	ĭ		
	Increase/ Decrease due to ACE/Drawl during the period	0	0	0	o	
	Total	2356	2356	2356	2356	235
	Repayments of Loans during the period	0	0	0	0	
	Net Ioan - Closing	2356	2356	2356	2356	235
	Average Net Loan	2356	2356	2356	2356	235
	Rate of Interest on Loan	1.0789%	1.0789%	1.0789%	1.0789%	1.0789%
	Interest on Loan Annualised	25.42	25.42	25.42	25.42	25.4
10	JPY Equ. 350 Million B					
	Gross loan - Opening	2526.64	2526.64	2526.64	2526.64	2526.6
· · ·						
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.0
	Net Ioan - Opening	2526.64	2526.64	2526.64	2526.64	2526.6
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
					0.00	
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0
	Total	2526.64	2526.64	2526.64	2526.64	2526.6
	Repayments of Loans during the period	0.00	0.00 2526.64	0.00	2526.64	2526.6
	Net Ioan - Closing	2526.64	2526.64	2526.64	2526.64	2526.6
	Average Net Loan	2526.64	1.0789%	1.0789%	1.0789%	1.07899
· · · ·	Rate of Interest on Loan Interest on Loan Annualised	27.26	27.26	27.26	27.26	27.20
		21.20	27.20		2/.20	
11	4.50 Fixed Rate Notes due 2028					
	Gross Ioan - Opening	7698.35	7698.35	7698.35	7698.35	7698.3
			44-15 - C			1
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.0
1	Net loan - Opening	7698.35	7698.35	7698.35	7698.35	7698.3
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
			1			
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0
	Total	7698.35	7698.35	7698.35	7698.35	7698.3
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.0
	Net loan - Closing	7698.35	7698.35	7698.35	7698.35	7698.3
	Average Net Loan	7698.35	7698.35	4.7572%	4.7572%	4.75729
	Rate of Interest on Loan	366.23	366.23	366.23	366.23	366.2
	Interest on Loan Annualised	500.25			500.25	500.2
12	Bonds- XXX-repayment on 05.05.2019 Gross Ioan - Opening	6000.00	6000.00	6000.00	6000.00	6000.0
			6000.00	6000.00	6000.00	6000.0
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.0
	Net loan - Opening Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
		0.00	0.00	0.00		5.0
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0
	Total	6000.00	0.00	0.00	0.00	0.0
	Repayments of Loans during the period	6000.00	0.00	0.00	0.00	0.0
	Net Ioan - Closing	0.00	0.00	0.00	0.00	0.0
				0.00	0.00	0.0
	Average Net Loan	3000.00	0.00	0.00		
	Average Net Loan Rate of Interest on Loan Interest on Loan	<u>3000.00</u> 7.9200% 237.60	0.00 7.9200% 0.00	7.9200%	7.9200%	7.9200%

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Name of the Company Name of the Power Station

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lam	e of the Power Station			Bongaigaon		nount in lac
SI. no.	Particulars	201 9- 20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
	Bonds- XLII-repayment on 25.01.2023					
	Gross Ioan - Opening	1700.00	1700.00	1700.00	1700.00	1700.0
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	340.0
		1700.00	1700.00	1700.00	1700.00	1360.0
	Net loan - Opening					
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.1
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.
	Total	1700.00	1700.00	1700.00	1700.00	1360.
	Repayments of Loans during the period	0.00	0.00	0.00	340.00	340.
	Net Ioan - Closing	1700.00	1700.00	1700.00	1360.00	1020.
	Average Net Loan	1700.00	1700.00	1700.00	1530.00	1190.
	Rate of Interest on Loan	9.0300%	9.0300%	9.0300%	9.0300%	9.0300
	Interest on Loan Annualised	153.51	153.51	153.51	138.16	107.4
14	Bonds- XLVII-repayment on 04.10.2022					
	Gross loan - Opening	3500.00	3500.00	3500.00	3500.00	3500.
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	3500.0
	Net Ioan - Opening	3500.00	3500.00	3500.00	3500.00	0.
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.
	Total	3500.00	3500.00	3500.00	3500.00	0.
	Repayments of Loans during the period	0.00	0.00	0.00	3500.00	0.
-	Net Ioan - Closing	3500.00	3500.00	3500.00	0.00	0.
	Average Net Loan	3500.00	3500.00	3500.00	1750.00	0.
	Rate of Interest on Loan	8.8700%	8.8700%	8.8700%	8.8700%	8.8700
	Interest on Loan Annualised	310.45	310.45	310.45	155. <u>23</u>	0.0
15	Bonds- XLVIII-repayment on 07.03.2023					
	Gross loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	2000.
	Net loan - Opening	2000.00	2000.00	2000.00	2000.00	0.
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.
	Total	2000.00	2000.00	2000.00	2000.00	0.
	Repayments of Loans during the period	0.00	0.00	0.00	2000.00	0.
	Net Ioan - Closing	2000.00	2000.00	2000.00	0.00	0.
	Average Net Loan	2000.00	2000.00	2000.00	1000.00	0.
	Rate of Interest on Loan	8.7600%	8.7600%	8.7600%	8.7600%	8.7600
-	Interest on Loan Annualised	175.20	175.20	175.20	87.60	0
6	Bonds- XLIX-repayment on 04.04.2023	2500.00	2500.00	2500.00	2500.00	2500
_	Gross Ioan - Opening	2500.00	2500.00	2500.00	2500.00	2500.
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.
	Net Ioan - Opening	2500.00	2500.00	2500.00	2500.00	2500
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.
_	Total	2500.00	2500.00	2500.00	2500.00	2500.
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	2500.
		0500.001	2500 001	2500.00	2500.00	0.
	Net loan - Closing	2500.00	2500.00			4050
	Net Ioan - Closing Average Net Loan	2500.00	2500.00	2500.00	2500.00	
	Net loan - Closing					1250. 8.8300 110.

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Name	e of the Power Station		I	Bongaigaon		nount in lacs)
SI. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
	Bonds- L-1A repayment on 16.12.2023	1017 67	1912 67	1812.67	1812.67	1812.67
	Gross loan - Opening	1812.67	1812.67	1812.07	1812.0/	1012.07
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net Ioan - Opening	1812.67	1812.67	1812.67 0.00	1812.67 0.00	1812.67 0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0,00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	1812.67	1812.67	1812.67	1812.67	1812.67
	Repayments of Loans during the period	0.00	0.00 1812.67	0.00	0.00	<u>1812.67</u> 0.00
	Net Ioan - Closing Average Net Loan	1812.67	1812.67	1812.67	1812.67	906.33
	Rate of Interest on Loan	8.4400%	8.4400%	8.4400%	8.4400%	8.4400%
	Interest on Loan Annualised	152.99	152.99	152.99	152.99	76.49
10	Dende 1 24 merement on 16 12 2020					
	Bonds- L-2A repayment on 16.12.2028 Gross loan - Opening	928.37	928.37	928.37	928.37	928.37
		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net Ioan - Opening	928.37 0.00	928.37 0.00	928.37 0.00	928.37 0.00	928.37
\vdash	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	928.37	928.37	928.37	928.37	928.37
	Repayments of Loans during the period	0.00	0.00	0.00 928.37	0.00	0.00 928.37
	Net Ioan - Closing Average Net Loan	928.37 928.37	928.37 928.37	928.37	928.37	928.37
	Rate of Interest on Loan	8.5100%	8.5100%	8.5100%	8.5100%	8.5100%
	Interest on Loan Annualised	79.00	79.00	79.00	79.00	79.00
19	Bonds- L-3A repayment on 16.12.2033 Gross Ioan - Opening	1158.96	1158.96	1158.96	1158.96	1158.96
		1100.00	1100.00	1100150		
		0.00	0.00	0.00	. 0.00	0.00
	Cumulative repayments of Loans upto previous period Net loan - Opening	0.00	0.00	0.00	0.00	0.00 1158.96
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	· · · · · · · · · · · · · · · · · · ·					
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total Repayments of Loans during the period	1158.96 0.00	<u>1158.96</u> 0.00	1158.96 0.00	0.00	0.00
	Net loan - Closing	1158.96	1158.96	1158,96	1158,96	1158.96
	Average Net Loan	1158.96	1158.96	1158.96	1158.96	1158.96
	Rate of Interest on Loan	8.6900%	8.6900%	8.6900%	8.6900%	<u>8.6900%</u> 100,71
 	Interest on Loan Annualised	100.71	100.71	100.71	100.71	100.71
20	Bonds- L-1B repayment on 16.12.2023					
	Gross Ioan - Opening	774.95	774.95	774.95	774.95	774.95
	Cumulative repayments of Loans upto previous period	0.00		0.00	0.00 774.95	0.00
	Net loan - Opening Increase/ Decrease due to FERV	774.95	774.95	774.95		0.00
		0.00	0,00	0.00	0.00	000
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00		0.00	0.00
	Total	774.95	774.95	774.95	774.95	774.95
	Repayments of Loans during the period Net loan - Closing	0.00	0.00		0.00	774.95
-	Average Net Loan	774.95			774.95	387.47
	Rate of Interest on Loan	8.6900%	8.6900%	8.6900%	8.6900%	8.6900%
	Interest on Loan Annualised	67.34	67.34	67.34	67.34	33.67
		·			i	
-	D			\$		
21	Bonds- L-2B repayment on 16.12.2028	330 46	330 46	339.46	339.46	339.46
21	Gross Ioan - Opening	339.46				339.46
21		339.46 0.00 339.46	0.00	0.00	0.00	<u>339.46</u> 0.00 339.46

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Name of the Company Name of the Power Station

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Nam	e of the Power Station			Bongaigaon		mount in lacs
SI. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0
	Total	339.46	339.46	339.46	339.46	339.4
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	
	Net loan - Closing	339.46	339.46	339.46	339.46	339.4
	Average Net Loan					
		339.46	339.46	339.46		339.4
	Rate of Interest on Loan	8.7600%	8.7600%	8.7600%	8.7600%	8.7600
	Interest on Loan Annualised	29.74	29.74	29.74	29.74	29.7
22	Bonds- L-3B repayment on 16.12.2033					
	Gross loan - Opening	1485.60	1485.60	1485.60	1485.60	1485.6
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.0
	Net Ioan - Opening	1485.60	1485.60	1485.60	1485.60	1485.6
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
		0.00	0.00	0.00	0.00	0.0
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0
	Total	1485.60	1485.60	1485.60	1485.60	1485.6
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.0
	Net Ioan - Closing	1485.60	1485.60	1485.60	1485.60	1485.60
	Average Net Loan	1485.60	1485.60	1485.60	1485.60	1485.6
	Rate of Interest on Loan	8.9400%	8.9400%	8.9400%	8.9400%	8.9400%
	Interest on Loan Annualised	132.81	132.81	132.81	132.81	132.81
22	Bonds- LI-B repayment on 04.03.2029					
23	Gross Ioan - Opening	1600.00	1600.00	1600.00	1600.00	1600.00
	Gloss Idan - Opening	1000.00	1000.00	1000.00	1000.00	1000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1600.00	1600.00	1600.00	1600.00	1600.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	. 0.00
	Total	1600.00	1600.00	1600.00	1600.00	1600.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	1600.00	1600.00	1600.00	1600.00	1600.00
	Average Net Loan	1600.00	1600.00	1600.00	1600.00	1600.00
	Rate of Interest on Loan	8.6600%	8.6600%	8.6600%	8.6600%	8.6600%
	Interest on Loan Annualised	138.56	138.56	138.56	138.56	138.56
-						
	Bonds- L-II repayment on 24.03.2024	2400.00	2400.00	2400.00	2400.00	2400.00
	Gross Ioan - Opening	3400.00	3400.00	3400.00	3400.00	3400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net Ioan - Opening	3400.00	3400.00	3400.00	3400.00	3400.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	3400.00	3400.00	3400.00	3400.00	3400.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	3400.00
	Net loan - Closing	3400.00	3400.00	3400.00	3400.00	0.00
	Average Net Loan	3400.00	3400.00	3400.00	3400.00	1700.00
	Rate of Interest on Loan	9.3700%	9.3700%	9.3700%	9.3700%	9.3700%
	Interest on Loan Annualised	318.58	318.58	318.58	318.58	159.29
-ť		510.30			510.00	139.29

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Nam	e of the Power Station			Bongaigaon		mount in lacs)
SI. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
25	Bonds- L-III repayment on 22.09.2024					
·	Gross loan - Opening	11000.00	11000.00	11000.00	11000.00	11000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00		0.00
	Net Ioan - Opening	11000.00	11000.00	11000.00		11000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00		0.00
	Total	11000.00	11000.00			
	Repayments of Loans during the period	0.00	0.00 11000.00	0.00 11000.00	0.00	0.00
├	Net loan - Closing	11000.00	11000.00			11000.00
	Average Net Loan	11000.00 9.2000%		11000.00		9.2000%
<u> </u>	Rate of Interest on Loan	9.2000%	9.2000%	9.2000%	9.2000% 1012.00	9.2000%
	Interest on Loan Annualised	1012.00	1012.00	1012.00	1012.00	1012.00
26	Bonds- L-IV repayment on 25.03.2023 Gross Ioan - Opening	54000.00	54000.00	54000.00	54000.00	54000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00		<u>10800.00</u> 43200.00
	Net loan - Opening Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	
·		0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	54000.00	54000.00	54000.00		43200.00
	Repayments of Loans during the period	0.00	0.00	0.00	10800.00	21600.00
	Net loan - Closing	54000.00	54000.00	54000.00	43200.00	21600.00
	Average Net Loan	54000.00	54000.00	54000.00	48600.00	32400.00
	Rate of Interest on Loan	8.5200%	8.5200%	8.5200%	8.5200%	8.5200%
	Interest on Loan Annualised	4600.80	4600.80	4600.80	4140.72	2760.48
27	Bonds- L-VII repayment on 15.12.2025					
	Gross loan - Opening	500.00	500.00	500.00	500.00	500.00
		1. A. 1.				
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net Ioan - Opening	500.00	500.00	500.00	500.00	500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increased Decreases due to ACE/Deput during the neried	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period Total	0.00	500.00	0.00	500.00	500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	500.00	500.00	500.00	500.00	500.00
	Average Net Loan	500.00	500.00	500.00	500.00	500.00
	Rate of Interest on Loan	8.2200%	8.2200%	8.2200%	8.2200%	8.2200%
	Interest on Loan Annualised	41.10	41.10	41.10	41.10	41.10
70	Bonds- L-VIII repayment on 31.12.2020					
20	Gross loan - Opening	600.00	600.00	600.00	600.00	600.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	600.00	600.00	600.00
	Net Ioan - Opening	600.00	600.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	600.00	600.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	600.00	0.00	0.00	0.00
	Net loan - Closing	600.00	0.00	0.00	0.00	0.00
	Average Net Loan	600.00	300.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.2100%	8.2100%	8.2100%	8.2100%	8.2100%
	Interest on Loan Annualised	49.26	24.63	0.00	0.00	0.00

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Name of the Company

Name of the Power Station

NTPC LTD.

FORM-13

Bongaigaon TPS

(Amount in lacs) ŚI. Particulars 2019-20 2020-21 2021-22 2022-23 2023-24 no. 4 6 3 5 7 1 2 29 Bonds- L-IX repayment on 24.02.2021 3900.00 3900.00 3900.00 3900.00 Gross loan - Opening 3900.00 Cumulative repayments of Loans upto previous period 0.00 0.00 3900.00 3900.00 3900.00 Net loan - Opening 0.00 3900.00 3900.00 0.00 0.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 0.00 0.00 3900.00 Total 3900.00 0.00 0.00 0.00 Repayments of Loans during the period 0.00 3900.00 0.00 0.00 0.00 Net loan - Closing 3900.00 0.00 0.00 0.00 0.00 Average Net Loan 1950.00 3900.00 0.00 0.00 0.00 Rate of Interest on Loan 8.3600% 8.3600% 8.3600% 8.3600% 8.3600% Interest on Loan Annualised 163.02 0.00 326.04 0.00 0.00 30 Bonds - 60 repayment on 05.05.2026 5200.00 5200.00 5200.00 5200.00 5200.00 Gross loan - Opening 0.00 0.00 0.00 0.00 0.00 Cumulative repayments of Loans upto previous period Net loan - Opening 5200.00 5200.00 5200.00 5200.00 5200.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 0.00 5200.00 5200.00 5200.00 5200.00 5200.00 Total Repayments of Loans during the period 0.00 0.00 0.00 0.00 0.00 5200.00 5200.00 5200.00 Net loan - Closing 5200.00 5200.00 Average Net Loan 5200.00 5200.00 5200.00 5200.00 5200.00 8.0800% Rate of Interest on Loan 8.0800% 8.0800% 8.0800% 8.0800% Interest on Loan Annualised 420.16 420.16 420.16 420.16 420.16 31 Bonds Series - 61 repayment on 27.05.2021 3000.00 3000.00 3000.00 3000.00 3000.00 Gross loan - Opening 0.00 3000.00 Cumulative repayments of Loans upto previous period 0.00 0.00 3000.00 Net loan - Opening 3000.00 3000.00 3000.00 0.00 0.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 3000.00 3000.00 3000.00 0.00 0.00 Total Repayments of Loans during the period 0.00 3000.00 0.00 0.00 0.00 3000.00 3000.00 0.00 Net loan - Closing 0.00 0.00 Average Net Loan 1500.00 0.00 0.00 3000.00 3000.00 8.1300% 8.1300% 8.1300% 8.1300% 8.1 300% Rate of Interest on Loan 243.90 243.90 121.95 0.00 0.00 Interest on Loan Annualised 32 Bonds - 62 repayment on 23.08.2026 6100.00 6100.00 6100.00 6100.00 6100.00 Gross loan - Opening 0.00 6100.00 Cumulative repayments of Loans upto previous period 0.00 0.00 0.00 0.00 6100.00 Net loan - Opening 6100.00 6100.00 6100.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 0.00 0.00 6100.00 6100.00 6100.00 6100.00 6100.00 Total Repayments of Loans during the period 0.00 0.00 0.00 0.00 0.00 6100.00 6100.00 6100.00 6100.00 6100.00 Net loan - Closing 6100.00 6100.00 Average Net Loan 6100.00 6100.00 6100.00 7.6100% Rate of Interest on Loan 7.6100% 7.6100% 7.6100% 7.6100% 464.21 464.21 Interest on Loan Annualised 464.21 464.21 464.21

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Name of the Company

NTPC LTD.

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SI. 10.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
ι	2	3	4	5	6	7
33	Bonds -64 repayment on 07.11.2031			·		
	Gross loan - Opening	6800.00	6800.00	6800.00	6800.00	6800.0
- 1	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.0
	Net loan - Opening	6800.00	6800.00	6800.00	6800.00	6800.0
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0
	Total	6800.00	6800.00	6800.00	6800.00	6800.0
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.0
	Net Ioan - Closing Average Net Loan	6800.00	6800.00	<u>6800.00</u> 6800.00	<u>6800.00</u> 6800.00	6800.0
	Rate of Interest on Loan	7.5200%	6800.00 7.5200%	7.5200%	7.5200%	6800.0
	Interest on Loan Annualised	511.36	511.36	511.36	511.36	511.3
64	Bonds- 65 repayment on 24.11.2021 Gross loan - Opening	1100.00	1100.00	1100.00	1100.00	1100.0
		0.00	0.00	0.00	1100.00	1100.0
	Cumulative repayments of Loans upto previous period Net Ioan - Opening	0.00	0.00	0.00	1100.00	1100.0
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
	Increase (Decrease due to ACE/Decud during the period	0.00	0.00	0.00	0.00	
	Increase/ Decrease due to ACE/Drawl during the period Total	0.00	0.00	0.00	0.00	0.0
	Repayments of Loans during the period	0.00	0.00	1100.00	0.00	0.0
	Net Ioan - Closing	1100.00	1100.00	0.00	0.00	0.0
	Average Net Loan	1100.00	1100.00	550.00	0.00	0.0
	Rate of Interest on Loan Interest on Loan Annualised	<u>6.7500%</u> 74.25	6.7500% 74.25	6.7500% 37.13	6.7500%	6.7500% 0.0
		71.25	/ 1.25	57.15	0.00	
5	Bonds - 66 repayment on 14.12.2031	10700.00	19700.00	10700.00	10700.00	40700.0
_	Gross Ioan - Opening	12700.00	12700.00	12700.00	12700.00	12700.0
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.0
	Net loan - Opening	12700.00	12700.00	12700.00	12700.00	12700.0
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0
	Total	12700.00	12700.00	12700.00	12700.00	12700.0
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.0
	Net Ioan - Closing Average Net Loan	12700.00 12700.00	12700.00 12700.00	12700.00 12700.00	12700.00	12700.0
	Rate of Interest on Loan	7.4000%	7.4000%	7.4000%	7.4000%	7.4000
	Interest on Loan Annualised	939.80	939.80	939.80	939.80	939.8
6	Bonds - 67 repayment on 15.01.2029					
0	Gross loan - Opening	38819.65	38819.65	38819.65	38819.65	38819.6
	Cumulative repayments of Loans upto previous period Net loan - Opening	0.00	0.00 38819.65	0.00	0.00 38819.65	0.0 38819.6
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
		0.00	0.00	0.00	0.00	
	Increase/ Decrease due to ACE/Drawl during the period Total	0.00	0.00	0.00	0.00 38819.65	0.0 38819.6
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.0
	Net Ioan - Closing	38819.65	38819.65	38819.65	38819.65	38819.6
	Average Net Loan	38819.65	38819.65	38819.65	38819.65 8.4200%	38819.6 8.42009
	Rate of Interest on Loan Interest on Loan	3268.61	3268.61	3268.61	3268.61	3268.6
+	Canara Bank -III (T1 D3)					
	Gross Ioan - Opening	10000.00	10000.00	10000.00	10000.00	10000.0
	Cumulative repayments of Loans upto previous period	1000.00	2000.00	3000.00	4000.00	5000.0
·	Net loan - Opening	9000.00	8000.00	7000.00	6000.00	5000.0
	Increase/ Decrease due to FERV	0.00	0.00 _	0.00	0.00	0.0]
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NTPC LTD. Name of the Company Name of the Power Station **Bongaigaon TPS** (Amount in lacs) SI. 2023-24 2019-20 2020-21 2021-22 **Particulars** 2022-23 no. 3 4 5 6 7 1 2 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 0.00 9000.00 5000.00 8000.00 6000.00 Total 7000.00 1000.00 1000.00 1000.00 1000.00 Repayments of Loans during the period 1000.00 4000.00 Net loan - Closing 8000.00 7000.00 6000.00 5000.00 6500.00 4500.00 Average Net Loan 8500.00 7500.00 5500.00 8.4500% 8.4500% Rate of Interest on Loan 8.4500% 8.4500% 8.4500% Interest on Loan Annualised 718.25 633.75 549.25 464.75 380.25 38 HDFC BANK LIMITED-II (T1 D4) 3500.00 3500.00 3500.00 3500.00 3500.00 Gross loan - Opening 2500.00 3000.00 3500.00 4500.00 5500.00 Cumulative repayments of Loans upto previous period Net Ioan - Opening Increase/ Decrease due to FERV 500.00 -1000.00 2000.00 1000.00 0.00 0.00 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 0.00 0.00 -1000.00 1000.00 -2000.00 1000.00 500.00 0.00 Total 500.00 500.00 Repayments of Loans during the period 500.00 1000.00 0.00 250.00 -2000.00 -1000.004000.00 Net loan - Closing 750.00 -500.00 -3000.00 Average Net Loan -1500.00 Rate of Interest on Loan 4500% 8.4500% 8.4500% 8.4500% 8.4500% Interest on Loan Annualised 63.38 21.13 -42.25 -126.75 -253.50 39 HDFC BANK LIMITED-III (T1 D4) 5500.00 Gross loan - Opening 5500.00 5500.00 5500.00 5500.00 0.00 <u>1222.22</u> 4277.78 Cumulative repayments of Loans upto previous period 0.00 0.00 611.13 5500.00 Net Ioan - Opening Increase/ Decrease due to FERV 5500.00 4888.89 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 5500.00 4888.89 4277.78 5500.00 5500.00 Total Repayments of Loans during the period 0.00 0.00 611.11 611.11 611.11 5500.00 5500.00 8.4500% 5500.00 5500.00 4277.78 4583.33 8.4500% 3666.67 3972.22 8.4500% Net loan - Closing 4888.89 Average Net Loan 5194.44 8.4500% Rate of Interest on Loan 8.4500% Interest on Loan Annualised 464.75 464.7 438.93 387.29 335.65 40 HUDCO LIMITED (T1 D1) 1500.00 1500.00 1500.00 1500.00 1500.00 Gross loan - Opening Cumulative repayments of Loans upto previous period Net loan - Opening Increase/ Decrease due to FERV 1227.27 272.73 0.00 818.18 1090.91 681.82 954.55 545.45 0.00 818.18 681.82 409.09 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 545.45 681.82 409.09 818.18 272.73 Total Repayments of Loans during the period Net loan - Closing 136.36 545.45 136.36 409.09 136.36 272.73 136.36 136.36 136.36 204.55 681.82 Average Net Loan 613.64 477.27 340.91 750.00 8.3000% 62.25 8.3000% 50.93 Rate of Interest on Loan 8.3000% 8.3000% 8.3000% Interest on Loan Annualised 39.61 28.30 16.98

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Name of the Company Name of the Power Station

NTPC LTD. Bongaigaon TPS

(Amount	in	lac

Nam	ne of the Power Station			Bongaigaon		mount in lacs
Si. no.	Particulars	201 9 -20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
41	INDIAN BANK -II (T1 D3)					
	Gross Ioan - Opening	4000.00	4000.00	4000.00	4000.00	4000.0
	Cumulative repayments of Loans upto previous period	3714.29	4000.00	4000.00	4000.00	4000.0
	Net Ioan - Opening	285.71	0.00	0.00	0.00	0.0
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0
	Total	285.71	0.00	0.00	0.00	0.0
	Repayments of Loans during the period	285.71	0.00	0.00	0.00	0.0
	Net Ioan - Closing	0.00	0.00	0.00	0.00	0.0
	Average Net Loan	142.86	0.00	0.00	0.00	0.0
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	11.79	0.00	0.00	0.00	0.0
42	Jammu & Kashmir Bank-IV					
	Gross Ioan - Opening	6200.00	6200.00	6200.00	6200.00	6200.0
	Cumulative repayments of Loans upto previous period	0.00	0.00	688.89	1377.78	2066.6
	Net loan - Opening	6200.00	6200.00	5511.11	4822.22	4133.3
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	6200.00	6200.00	5511.11	4822.22	4133.3
	Repayments of Loans during the period	0.00	688.89	688.89	688.89	688.89
	Net Ioan - Closing	6200.00	5511.11	4822.22	4133.33	3444,44
	Average Net Loan	6200.00	5855.56	5166.67	4477.78	3788.89
	Rate of Interest on Loan Interest on Loan Annualised	<u>8.3000%</u> 514.60	8.3000%	8.3000% 428.83	8.3000%	<u>8.3000%</u> 314.48
43	Karnataka Bank Ltd II Gross Ioan - Opening	1786.00	1786.00	1786.00	1786.00	1786.00
		0.00	0.00	100.44	206.90	E0E 37
	Cumulative repayments of Loans upto previous period Net loan - Opening	0.00	0.00	198.44 1587.56	<u>396.89</u> 1389.11	<u> </u>
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	1786.00	1786.00	1587.56	1389.11	1190.62
	Repayments of Loans during the period	0.00	198.44	198.44	198.44	198.4
	Net Ioan - Closing	1786.00	1587.56	1389.11	1190.67	992.22
	Average Net Loan	1786.00	1686.78	1488.33	1289.89	1091.44
	Rate of Interest on Loan	7.9600%	7.9600%	7.9600%	7.9600%	7.9600%
	Interest on Loan Annualised	142.17	134.27	118.47	102.68	86.88
	PFC - V (T1 D23) Gross Ioan - Opening	4000.00	4000.00	4000.00	4000.00	4000.00
	Cumulative repayments of Loans upto previous period Net loan - Opening	1583.33 2416.67	1916.67 2083.33	2250.00	2583.33	2916.67
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	2416.67	2083.33	1750.00	1416.67	1083.33
	Repayments of Loans during the period	333.33	333.33	333.33	333.33	333.33
	Net Ioan - Closing	2083.33	1750.00	1416.67	1083.33	750.00
	Average Net Loan	2250.00	1916.67	1583.33	1250.00	916.67
	Rate of Interest on Loan	7.4300%	7.4300%	7.4300%	7.4300%	7.4300%
L	Interest on Loan Annualised	167.18	142.41	117.64	92.88	68.

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Name of the Company

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NTPC LTD. Bongaigaor

	e of the Company e of the Power Station			NTPC LTD. Bongaigaon		nount in lacs)
SI. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
AE	PFC - V (T1 D25)					
45	Gross loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00
	Gloss Joan + Opening		0000.00		0000100	
	Cumulative repayments of Loans upto previous period	2375.00	2875.00	3375.00	3875.00	4375.00
	Net Ioan - Opening	3625.00	3125.00	2625.00	2125.00	1625.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	To success to be ACC (Deput double the period	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period Total	0.00 3625.00	0.00 3125.00	2625.00	2125.00	1625.00
	Repayments of Loans during the period	500.00	500.00	500.00	500.00	500.00
	Net Ioan - Closing	3125.00	2625.00	2125.00	1625.00	1125.00
	Average Net Loan	3375.00	2875.00	2375.00	1875.00	1375.00
	Rate of Interest on Loan	7.6700%	7.6700%	7.6700%	7.6700%	7.6700%
	Interest on Loan Annualised	258.86	220.51	182.16	143.81	105.46
46	PFC - V (T1 D28)					
	Gross loan - Opening	12500.00	12500.00	12500.00	12500.00	12500.00
	Cumulative repayments of Loans upto previous period	4947.92	5989.58	7031.25	8072.92	9114.58
	Net Ioan - Opening	7552.08	6510.42	5468.75	4427.08	3385.42
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0,00	0.00	0.00
	Total	7552.08	6510.42	5468.75	4427.08	3385.42
	Repayments of Loans during the period	1041.67	1041.67	1041.67	1041.67	<u>1041.67</u> 2343.75
	Net loan - Closing	6510.42	5468.75 5989.58	4427.08 4947.92	3385.42 3906.25	2864.58
	Average Net Loan Rate of Interest on Loan	7031.25	7.7500%	7.7500%	7.7500%	7.7500%
	Interest on Loan Annualised	544.92	464.19	383.46	302.73	222.01
						-
47	PFC - V (T1 D33) Gross Ioan - Opening	2500.00	2500.00	2500.00	2500.00	2500.00
		2,500,00	2300.00	2300,00	2300.00	2500.00
	Cumulative repayments of Loans upto previous period	989.58	1197.92	1406.25	1614.58	1822.92
	Net Ioan - Opening	1510.42	1302.08	1093.75	885.42	677.08
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increased Decreases due to ACT/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period Total	1510.42	1302.08	1093.75	885.42	677.08
	Repayments of Loans during the period	208.33	208.33	208.33	208.33	208.33
	Net Ioan - Closing	1302.08	1093.75	885.42	677.08	468.75
	Average Net Loan	1406.25	1197.92	989.58	781,25	572.92
	Rate of Interest on Loan	8.9800%	8.9800%	8.9800%	8.9800%	8.9800%
	Interest on Loan Annualised	126.28	107.57	88.86	70.16	51.45
48	PFC - V (T1 D35)			F700 60		5700 0 4
	Gross loan - Opening	5700.00	5700.00	5700.00	5700.00	5700.00
	Cumulative repayments of Loans upto previous period	2256.25	2731.25	3206.25	3681.25	4156.25
	Net loan - Opening	3443.75	2968.75	2493.75	2018.75	1543.75
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period Total	0.00 3443.75	0.00 2968.75	0.00 2493,75	0.00 2018.75	0.00
	Repayments of Loans during the period	475.00	475.00	475.00	475.00	475.00
	Net loan - Closing	2968.75	2493.75	2018.75	1543.75	1068.75
	Average Net Loan	3206.25	2731.25	2256.25	1781.25	1306.2
	Rate of Interest on Loan	8.7700%	8.7700%	8.7700%	8.7700%	8.7700%
[Interest on Loan Annualised	281.19	239.53	197.87	156.22	114.56

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Name of the Company

NTPC LTD.

FORM-13

Nam	e of the Power Station		 	Bongaigaon		nount in lacs)
Sļ. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
49	PFC - V (T1 D38)	÷.,				
	Gross loan - Opening	6500.00	6500.00	6500.00	6500.00	6500.00
	Cumulative repayments of Loans upto previous period	2572.92	3114,58	3656.25	4197.92	4739.58
	Net loan - Opening	3927.08	3385.42	2843.75	2302.08	1760.42
· .	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Indease Dedease and to retry	0.00	0.00	0.00		0.0
. 1	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	3927.08	3385.42	2843.75	2302.08	1760.42
	Repayments of Loans during the period	541.67	541.67	541.67	541.67	541.6
	Net loan - Closing	3385.42	2843.75	2302.08	1760.42	1218.7
	Average Net Loan	3656.25	3114.58	2572.92	2031.25	1489.5
	Rate of Interest on Loan	8.2300%	8.2300%	8.2300%	8.2300%	8.2300%
	Interest on Loan Annualised	300.91	256.33	211.75	167.17	122.5
50	SBI-VII (T1 D3)					
	Gross loan - Opening	4600.00	4600.00	4600.00	4600.00	4600.0
	Cumulative repayments of Loans upto previous period	2300.00	2587.50	2875.00	3162.50	3450.00
	Net loan - Opening	2300.00	2012.50	1725.00	1437.50	1150.0
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0
	Total	2300.00	2012.50	1725.00	1437.50	1150.0
	Repayments of Loans during the period	287.50	287.50	287.50	287.50	287.5
	Net loan - Closing	2012.50	1725.00	1437.50	1150.00	862.5
	Average Net Loan	2156.25	1868.75	1581.25	1293.75	1006.2
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	177.89	154.17	130.45	106.73	83.02
51	SBI-VII (T1 D4)	2100.00	2500.00	2500.00	2500.00	2500.0
	Gross Ioan - Opening	2500.00	2500.00	2500.00	2500.00	2500.0
	Cumulative repayments of Loans upto previous period	1250.00	1406.25	1562.50	1718.75	1875.0
	Net loan - Opening	1250.00	1093.75	937.50	781.25	625.0
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0
	Total	1250.00	1093.75	937.50	781.25	625.0
	Repayments of Loans during the period	156.25	156,25	156.25	156.25	156.2
	Net loan - Closing	1093.75	937.50	781.25	625.00	468.7
	Average Net Loan	1171.88	1015.63	859.38	703.13	546.8
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.25009
	Interest on Loan Annualised	96.68	83.79	70.90	58.01	45.1
<u>52</u>	SBI-VII (T1 D6)					
	Gross loan - Opening	10000.00	10000.00	10000.00		10000.0
	Cumulative repayments of Loans upto previous period	5000.00	5625.00			7500.0
<u> </u>	Net loan - Opening	5000.00	4375.00	3750.00		2500.0
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
	Increase/ Decrease due to ACE/Drawl during the period Total	0.00	0.00 4375.00	0.00	0.00	0.0
	Repayments of Loans during the period	625.00	625.00	625.00	625.00	625.0
	Net loan - Closing	4375.00	3750.00	3125.00	2500.00	1875.0
	Average Net Loan	4687.50	4062.50	3437.50	2812.50	2187.5
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on Loan Annualised	386.72	335.16	283.59		180.4
		200112	230,10			

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Name of the Company Name of the Power Station

NTPC LTD. Bongaigaon TPS

Si. no. Particulars 2019-20 2020-21 2021-22 1 2 3 4 5 3 SBI-VII (T1 D7) - - Gross loan - Opening 4000.00 4000.00 2500.00 Cumulative repayments of Loans upto previous period 2000.00 2550.00 2500.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Orawl during the period 2.000.00 1750.00 1550.00 Repayments of Loans during the period 2500.00 250.00 250.00 250.00 Net loan - Closing 1750.00 1500.00 1500.00 1500.00 Repayments of Loans during the period 250.00 250.00 250.00 250.00 Rate of Interest on Loan 8.7500% 8.2500% 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 154.69 134.00 13400.00 3400.00 3400.00 3400.00 3400.00 1000 1.075.00 Increase/ Decrease due to ACE/Orawl during the period 1700.00 1487.50	Bongalgaon TPS (Amount in				
53 SBI-VII (T1 D7) 4000.00 4000.00 Gross loan - Opening 4000.00 4000.00 4000.00 Cumulative repayments of Loans upto previous period 2000.00 1750.00 1500.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 2000.00 1750.00 1500.00 1500.00 Repayments of Loans during the period 2.00 250.00 250.00 250.00 1250.00 1250.00 Average Net Loan 1875.00 1500.00 1250.00 1375.00 Iso0 1375.00 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% 8.2500% 8.2500% Gross loan - Opening 3400.00 3400.00 3400.00 3400.00 3400.00 100.00 1912.50 1275.00 11767.00 1875.50 1275.00 1052.50 1275.00 1052.50 1275.00 1052.50 1275.00 1052.50 1275.00 1052.50 1215.50 1215.50<	2022-23	2023-24			
Gross loan - Opening 4000.00 4000.00 4000.00 Cumulative repayments of Loans upto previous period 2000.00 2250.00 2500.00 Net loan - Opening 2000.00 1750.00 1500.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Total 2000.00 1750.00 1500.00 Repayments of Loans during the period 2000.00 1750.00 1500.00 Net loan - Closing 1750.00 1500.00 1250.00 250.00 Average Net Loan 1875.00 1625.00 1375.00 1325.00 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 1700.00 1912.50 2125.00 Gross loan - Opening 3400.00 3400.00 3400.00 3400.00 Cumulative repayments of Loans upto previous period 1700.00 1487.50 1275.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 1700.00 1487.50 1275.00 1275.00	6	7			
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Net loan - Opening 2000.00 1750.00 1500.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Repayments of Loans during the period 250.00 250.00 250.00 Ret loan - Closing 1750.00 1575.00 1250.00 Average Net Loan 1875.00 1675.00 1375.00 Interest on Loan Annualised 154.69 134.06 113.44 State of Interest on Loan Annualised 154.69 134.06 113.44 Gross loan - Opening 3400.00 3400.00 3400.00 3400.00 Curnulative repayments of Loans upto previous period 1700.00 1912.50 2125.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 1250.02 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 1250.02 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 1255.00 Increase/ Decrease due to ACE/Drawl during the period 212.50 </td <td>ю 4000.0</td> <td>0 4000.0</td>	ю 4000.0	0 4000.0			
Net loan - Opening 2000.00 1750.00 1500.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Repayments of Loans during the period 250.00 250.00 250.00 Ret loan - Closing 1750.00 1575.00 1250.00 Average Net Loan 1875.00 1675.00 1375.00 Interest on Loan Annualised 154.69 134.06 113.44 State of Interest on Loan Annualised 154.69 134.06 113.44 Gross loan - Opening 3400.00 3400.00 3400.00 3400.00 Curnulative repayments of Loans upto previous period 1700.00 1912.50 2125.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 1250.02 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 1250.02 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 1255.00 Increase/ Decrease due to ACE/Drawl during the period 212.50 </td <td></td> <td></td>					
Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 2000.00 1750.00 1500.00 Repayments of Loans during the period 250.00 250.00 250.00 Net loan - Closing 1750.00 1500.00 1250.00 Average Net Loan 1875.00 1520.00 1375.00 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 154.69 134.06 113.44 54 SBI-VII (T1 DB)					
Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 Total 2000.00 1750.00 1500.00 Repayments of Loans during the period 250.00 250.00 250.00 Net loan - Closing 1750.00 1500.00 1250.00 Average Net Loan 1875.00 1625.00 1375.00 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% State of Interest on Loan Annualised 154.69 134.06 113.44 Gross Ioan - Opening 3400.00 3400.00 3400.00 3400.00 Cumulative repayments of Loans upto previous period 1700.00 1912.50 2125.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Total 1700.00 1487.50 1275.00 Repayments of Loans during the period 212.50 212.50 212.50 Net loan - Closing 1487.50 1275.00 1062.50 Average Net Loan 8.2500% 8.2500% 8.2500%					
Total 2000.00 1750.00 1550.00 Repayments of Loans during the period 250.00 250.00 250.00 250.00 Net loan - Closing 11875.00 1500.00 1250.00 1250.00 Average Net Loan 1875.00 1525.00 1375.00 1350.00 Rate of Interest on Loan Annualised 154.69 134.06 113.44 Signovic Cumulative repayments of Loans upto previous period 1700.00 1912.50 2125.00 Net loan - Opening 3400.00 3400.00 3400.00 3400.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 0.00 Total 1700.00 1487.50 1275.00 1062.50 212.50	0.0	0.0			
Total 2000.00 1750.00 1550.00 Repayments of Loans during the period 250.00 250.00 250.00 250.00 Net loan - Closing 11875.00 1500.00 1250.00 1250.00 Average Net Loan 1875.00 1525.00 1375.00 1350.00 Rate of Interest on Loan Annualised 154.69 134.06 113.44 Signovic Cumulative repayments of Loans upto previous period 1700.00 1912.50 2125.00 Net loan - Opening 3400.00 3400.00 3400.00 3400.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 0.00 Total 1700.00 1487.50 1275.00 1062.50 212.50	ю 0.0	0 0.0			
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Net loan - Closing 1750.00 1550.00 1250.00 Average Net Loan 1875.00 1625.00 1375.00 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 154.69 134.06 113.44 54 SBI-VII (T1 D8)					
Average Net Loan 1875.00 1525.00 1375.00 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 154.69 134.06 113.44 54 SBI-VII (T1 DB)					
Interest on Loan Annualised 154.69 134.06 113.44 54 SBI-VII (T1 D8)		0 875.0			
54 SBI-VII (T1 D8) 3400.00 3400.00 Gross loan - Opening 3400.00 1700.00 1912.50 2125.00 Net loan - Opening 1700.00 1487.50 1275.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 1700.00 1487.50 1275.00 Repayments of Loans during the period 212.50 212.50 212.50 Net loan - Closing 1487.50 1275.00 1062.50 Average Net Loan 1593.75 1381.25 1168.75 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 131.48 113.95 96.42 55 SBI-VII (T1 D10) 56 56 500.00 6000.00 6000.00 6000.00 6000.00 6000.00 6000.00 6000.00 6000.00 6000.00 6000.00 6000.00 6000.00 6000.00 6000.00 6000.00 6000.00 6000.00	8.25009	6 8.2500			
Gross Ioan - Opening 3400.00 3400.00 3400.00 Cumulative repayments of Loans upto previous period 1700.00 1912.50 2125.00 Net Ioan - Opening 1700.00 1487.50 1275.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 1700.00 1487.50 1275.00 Repayments of Loans during the period 212.50 212.50 212.50 Net Ioan - Closing 1487.55 1275.00 1062.50 Average Net Loan 1593.75 1381.25 1168.75 Rate of Interest on Loan Annualised 131.48 113.95 96.42 SS SBI-VII (T1 D10)	14 92.8	1 72.1			
Gross Ioan - Opening 3400.00 3400.00 3400.00 Cumulative repayments of Loans upto previous period 1700.00 1912.50 2125.00 Net Ioan - Opening 1700.00 1487.50 1275.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 1700.00 1487.50 1275.00 Repayments of Loans during the period 212.50 212.50 212.50 Net Ioan - Closing 1487.55 1275.00 1062.50 Average Net Loan 1593.75 1381.25 1168.75 Rate of Interest on Loan Annualised 131.48 113.95 96.42 SS SBI-VII (T1 D10)					
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Net loan - Opening 1700.00 1487.50 1275.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 1700.00 1487.50 1275.00 Repayments of Loans during the period 212.50 212.50 212.50 Net loan - Closing 1487.50 1275.00 1062.50 Average Net Loan 1593.75 1381.25 1168.75 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 131.48 113.95 96.42 Gross Ioan - Opening 6000.00 6000.00 6000.00 Cumulative repayments of Loans upto previous period 3000.00 3375.00 375.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the perio	0 3400.0	0 3400.0			
Net loan - Opening 1700.00 1487.50 1275.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 1700.00 1487.50 1275.00 Repayments of Loans during the period 212.50 212.50 212.50 Net loan - Closing 1487.50 1275.00 1062.50 Average Net Loan 1593.75 1381.25 1168.75 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 131.48 113.95 96.42 Gross Ioan - Opening 6000.00 6000.00 6000.00 Cumulative repayments of Loans upto previous period 3000.00 3375.00 375.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the perio	0 2337.5	0 2550.0			
Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 1700.00 1487.50 1275.00 Repayments of Loans during the period 212.50 212.50 212.50 Average Net Loan 1593.75 1381.25 1168.75 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 131.48 113.95 96.42 S SBI-VII (T1 D10) 6000.00 6000.00 6000.00 Cumulative repayments of Loans upto previous period 3000.00 225.00 225.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 375.00 375.00 375.00 375.00 R					
Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 1700.00 1487.50 1275.00 Repayments of Loans during the period 212.50 212.50 212.50 Net Ioan - Closing 1487.50 1275.00 1062.50 Average Net Loan 1593.75 1381.25 1168.75 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 131.48 113.95 96.42 SBI-VII (11 D10)					
Total 1700.00 1487.50 1275.00 Repayments of Loans during the period 212.50 212.50 212.50 Net loan - Closing 1487.50 1275.00 1062.50 Average Net Loan 1593.75 1381.25 1168.75 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 131.48 113.95 96.42 SBI-VII (T1 D10)	<u>v v.</u>	0			
Total 1700.00 1487.50 1275.00 Repayments of Loans during the period 212.50 212.50 212.50 Net loan - Closing 1487.50 1275.00 1062.50 Average Net Loan 1593.75 1381.25 1168.75 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 131.48 113.95 96.42 SS SBI-VII (T1 D10)	0.0 0.0	0 0.0			
Repayments of Loans during the period 212.50 212.50 212.50 Net Ioan - Closing 1487.50 1275.00 1062.50 Average Net Loan 1593.75 1381.25 1168.75 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 131.48 113.95 96.42 S5 SBI-VII (T1 D10)					
Net loan - Closing 1487.50 1275.00 1062.50 Average Net Loan 1593.75 1381.25 1168.75 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 131.48 113.95 96.42 55 SBI-VII (T1 D10)					
Average Net Loan 1593.75 1381.25 1168.75 Rate of Interest on Loan 8,2500% 8.2500% 8.2500% Interest on Loan Annualised 131.48 113.95 96.42 55 SBI-VII (T1 D10)					
Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 131.48 113.95 96.42 55 SBI-VII (T1 D10)		5 743.2			
55 SBI-VII (T1 D10) 6000.00 6000.00 Gross loan - Opening 6000.00 6000.00 6000.00 Cumulative repayments of Loans upto previous period 3000.00 3375.00 3750.00 Net loan - Opening 3000.00 2625.00 2250.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 3000.00 2625.00 2250.00 Repayments of Loans during the period 375.00 375.00 375.00 Net loan - Closing 2625.00 2250.00 1875.00 Average Net Loan 2812.50 2437.50 2062.50 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan 8.2500% 8.2500% 8.2500% Gross loan - Opening 1800.00 1800.00 1800.00 Gross loan - Opening 1800.00 1800.00 1800.00 Ket loan - Opening 900.00 1012.50 1125.00		6 8.2500			
Gross loan - Opening 6000.00 6000.00 6000.00 Cumulative repayments of Loans upto previous period 3000.00 3375.00 3750.00 Net loan - Opening 3000.00 2625.00 2250.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 3000.00 2625.00 2250.00 Repayments of Loans during the period 375.00 375.00 375.00 Net loan - Closing 2625.00 2250.00 1875.00 Average Net Loan 2812.50 2437.50 2062.50 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 232.03 201.09 170.16 56 SBI-VII (T1 D19)	2 78.8	9 61.3			
Gross Ioan - Opening 6000.00 6000.00 6000.00 Cumulative repayments of Loans upto previous period 3000.00 3375.00 3750.00 Net Ioan - Opening 3000.00 2625.00 2250.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 3000.00 2625.00 2250.00 Repayments of Loans during the period 375.00 375.00 375.00 Net Ioan - Closing 2625.00 2250.00 1875.00 Average Net Loan 2812.50 2437.50 2062.50 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 232.03 201.09 170.16 Gross Ioan - Opening 1800.00 1800.00 1800.00 Cumulative repayments of Loans upto previous period 900.00 1012.50 1125.00 Net Ioan - Opening 900.00 787.50 675.00					
Cumulative repayments of Loans upto previous period 3000.00 3375.00 3750.00 Net loan - Opening 3000.00 2625.00 2250.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 3000.00 2625.00 2250.00 Repayments of Loans during the period 375.00 375.00 375.00 Net loan - Closing 2625.00 2250.00 1875.00 Average Net Loan 2812.50 2437.50 2062.50 Average Net Loan 8.2500% 8.2500% 8.2500% Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 232.03 201.09 170.16 Gross loan - Opening 1800.00 1800.00 1800.00 Cumulative repayments of Loans upto previous period 900.00 1012.50 1125.00 Net loan - Opening 900.00 787.50 675.00	0 6000.0	0 6000.0			
Net loan - Opening 3000.00 2625.00 2250.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 3000.00 2625.00 2250.00 Repayments of Loans during the period 375.00 375.00 375.00 Net loan - Closing 2625.00 2250.00 1875.00 Average Net Loan 2812.50 2437.50 2062.50 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 232.03 201.09 170.16 56 SBI-VII (T1 D19)	0 0000.0	0 0000			
Net loan - Opening 3000.00 2625.00 2250.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 3000.00 2625.00 2250.00 Repayments of Loans during the period 375.00 375.00 375.00 Net loan - Closing 2625.00 2250.00 1875.00 Average Net Loan 2812.50 2437.50 2062.50 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 232.03 201.09 170.16 56 SBI-VII (TI P19)	0 4125.0	0 4500.0			
Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00 Total 3000.00 2625.00 2250.00 Repayments of Loans during the period 375.00 375.00 375.00 Net Ioan - Closing 2625.00 2250.00 1875.00 Average Net Loan 2812.50 2437.50 2062.50 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 232.03 201.09 170.16 56 SBI-VII (T1 D19)	0 1875.0	0 1500.0			
Total 3000.00 2625.00 2250.00 Repayments of Loans during the period 375.00 375.00 375.00 Net loan - Closing 2625.00 2250.00 1875.00 Average Net Loan 2812.50 2437.50 2062.50 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 232.03 201.09 170.16 56 SBI-VII (T1 D19)	0.0	0.0.(
Total 3000.00 2625.00 2250.00 Repayments of Loans during the period 375.00 375.00 375.00 Net loan - Closing 2625.00 2250.00 1875.00 Average Net Loan 2812.50 2437.50 2062.50 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 232.03 201.09 170.16 56 SBI-VII (T1 D19)					
Repayments of Loans during the period 375.00 375.00 375.00 Net loan - Closing 2625.00 2250.00 1875.00 Average Net Loan 2812.50 2437.50 2062.50 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 232.03 201.09 170.16 56 SBI-VII (T1 D19)					
Net loan - Closing 2625.00 2250.00 1875.00 Average Net Loan 2812.50 2437.50 2062.50 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 232.03 201.09 170.16 56 SBI-VII (T1 D19)					
Average Net Loan 2812.50 2437.50 2062.50 Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 232.03 201.09 170.16 56 SBI-VII (T1 D19)	375.0				
Rate of Interest on Loan 8.2500% 8.2500% 8.2500% Interest on Loan Annualised 232.03 201.09 170.16 56 SBI-VII (T1 D19)					
Interest on Loan Annualised 232.03 201.09 170.16 56 SBI-VII (T1 D19)					
56 SBI-VII (T1 D19) Gross loan - Opening 1800.00 Cumulative repayments of Loans upto previous period 900.00 Net loan - Opening 900.00					
Gross loan - Opening 1800.00 1800.00 1800.00 Cumulative repayments of Loans upto previous period 900.00 1012.50 1125.00 Net loan - Opening 900.00 787.50 675.00	135.2	100.			
Cumulative repayments of Loans upto previous period 900.00 1012.50 1125.00 Net loan - Opening 900.00 787.50 675.00	1				
Cumulative repayments of Loans upto previous period 900.00 1012.50 1125.00 Net loan - Opening 900.00 787.50 675.00	0 1800.0	0 1800.0			
Net loan - Opening 900.00 787.50 675.00					
Net loan - Opening 900.00 787.50 675.00	0 1237.5	0 1350.0			
	0 562.5	0 450.0			
	0.0	0 0.			
Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 0.00					
Total 900.00 787.50 675.00 Dessuments of Leave during the period 112.50 112.50 112.50					
Repayments of Loans during the period 112.50 112.50 Net loan - Closing 787.50 675.00 562.50					
Net loan - Closing 787.50 675.00 562.50 Average Net Loan 843.75 731.25 618.75					
Rate of Interest on Loan 82500% 8.2500% 8.2500%					
Interest on Loan Annualised 69.61 60.33 51.05					
	<u>,,, 11.1</u>	<u>, 52.</u>			

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Name of the Company Name of the Power Station

FORM-13

NTPC LTD. Bongaigaon TPS

Vam	e of the Power Station			Bongaigaon		nount in lacs)
SI. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
57	SBI-VIII (T1 D2)					
	Gross Ioan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	1111.11	2222.22
	Net loan - Opening	10000.00	10000.00	10000.00	8888.89	7777.78
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawi during the period	0.00	0.00	0.00	0.00	0.00
	Total	10000.00	10000.00	10000.00	8888.89	7777.78
	Repayments of Loans during the period	0.00	0.00	1111,11	1111.11	1111.11
	Net Ioan - Closing	10000.00	10000.00	8888.89	7777.78	6666.67
	Average Net Loan	10000.00	10000.00	9444.44	8333.33	7222,22
	Rate of Interest on Loan	8.7800%	8.7800%	8.7800%	8.7800%	8.7800%
	Interest on Loan Annualised	878.00	878.00	829.22	731.67	634.11
58	SBI-VIII (T1 D4)	· · · ·				
	Gross Ioan - Opening	6100.00	6100.00	6100.00	6100.00	6100.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	677.78	1355.56
	Net loan - Opening	6100.00	6100.00	6100.00	5422.22	4744.44
	Increase/ Decrease due to FERV	. 0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	6100.00	6100.00	6100.00	5422.22	4744.44
	Repayments of Loans during the period	0.00	0.00	677.78	677.78	677.78
	Net loan - Closing	6100.00	6100.00	5422.22	4744.44	4066.67
	Average Net Loan	6100.00	6100.00	5761.11	5083.33	4405.56
	Rate of Interest on Loan	8.7800%	8.7800%	8.7800%	8.7800%	8.7800%
	Interest on Loan Annualised	535.58	535.58	505.83	446.32	386.81
59	SBI-VIII (T1 D5)	· · · · · · · · · · · · · · · · · · ·				
	Gross Ioan - Opening	1000.00	1000.00	1000.00	1000.00	1000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	111.11	222,23
	Net loan - Opening	1000.00	1000.00	1000.00	888.89	777.7
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
	Increase/ Decrease due to ACE/Drawl during the period	0.00	· 0.00	0.00	0.00	0.0
	Total	1000.00	1000.00	1000.00	888.89	777.7
	Repayments of Loans during the period	0.00	0.00	111.11	111.11	111.1
	Net loan - Closing	1000.00	1000.00	888.89	777.78	666.6
	Average Net Loan	1000.00	1000.00	944,44	833.33	722.2
	Rate of Interest on Loan	8.7800%	8.7800%	8.7800%	8.7800%	8.7800%
	Interest on Loan Annualised	87.80	87.80	82.92	73.17	63.4
60	SBI-VIII (T1 D7)					
	Gross Ioan - Opening	1100.00	1100.00	1100.00	1100.00	1100.0
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	122.22	244.44
	Net loan - Opening	1100.00	1100.00	1100.00	977.78	855.5
	Increase/ Decrease due to FERV	0.00	0.00	0.00		0.0
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	1100.00	1100.00	1100.00	977.78	855.5
	Repayments of Loans during the period	0.00	0.00	122.22	122.22	122.2
	Net Ioan - Closing	1100.00	1100.00			733.3
	Average Net Loan	1100.00	1100.00			794.4
	Rate of Interest on Loan Interest on Loan Annualised	8.7800% 96.58	8.7800% 96.58	8.7800% 91.21	8.7800% 80.48	<u>8.7800%</u> 69.7

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Name of the Company Name of the Power Station

FORM-13

NTPC LTD. Bongaigaon TPS

(Amount in lacs)

	· · · · · · · · · · · · · · · · · · ·					Amount in lacs)
SI. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3				
	Z SBI-VIII (T1 D8)		4	5	б	7
	Gross Ioan - Opening	2300.00	2300.00	2300.00	2300.00	2300.00
		2300.00	2000.00	2000.00	2300.00	2300.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	255.56	511.11
	Net loan - Opening	2300.00	2300.00	2300.00	2044.44	1788.89
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
		0.00	0100	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	2300.00	2300.00	2300.00	2044.44	1788.89
	Repayments of Loans during the period	0.00	0.00	255.56	255.56	255.56
	Net loan - Closing	2300.00	2300.00	2044.44	1788.89	1533.33
	Average Net Loan	2300.00	2300.00	2172.22	1916.67	1661.11
	Rate of Interest on Loan	8.7800%	8.7800%	8.7800%	8.7800%	8.7800%
	Interest on Loan Annualised	201,94	201.94	190.72	168.28	145.85
62	CDT WITT (TA D44)					
02	SBI-VIII (T1 D11)					
	Gross Ioan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00
·						
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	333.33	666.67
	Net loan - Opening		3000.00	3000.00	2666.67	2333.33
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
·	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	3000.00	3000.00	3000.00	2666.67	2333.33
	Repayments of Loans during the period Net loan - Closing	0.00	0.00	333.33	333.33	333.33
	Average Net Loan	3000.00	3000.00	2666.67	2333.33	2000.00
	Rate of Interest on Loan	3000.00	3000.00 8.7800%	2833.33 8.7800%	2500.00 8.7800%	2166.67 8.7800%
	Interest on Loan Annualised	263.40	263.40	248.77	219.50	190.23
			203.10	210.77	213.30	150,23
63	SBI-VIII (T1 D12)					
	Gross Ioan - Opening	3200.00	3200.00	3200.00	3200.00	3200.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	355.56	711.11
	Net loan - Opening	3200.00	3200.00	3200.00	2844.44	2488.89
	Increase/ Decrease due to FERV	0.00	0.00	0.00	2044.44	0.00
			0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	3200.00	3200.00	3200.00	2844.44	2488.89
	Repayments of Loans during the period	0.00	0.00	355.56	355.56	355.56
	Net loan - Closing	3200.00	3200.00	2844.44	2488.89	2133.33
	Average Net Loan	3200.00	3200.00	3022.22	2666.67	2311.11
	Rate of Interest on Loan	8.7800%	8.7800%	8.7800%	8.7800%	8.7800%
	Interest on Loan Annualised	280.96	280.96	265.35	234.13	202.92
64						
	SBI-VIII (T1 D13)					
	Gross loan - Opening	1400.00	1400.00	1400.00	1400.00	1400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	155.56	311.11
	Net loan - Opening	1400.00	1400.00	1400.00	1244.44	1088.89
· .	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Vierona (Descrete due la 10717					• •
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total Repayments of Loans during the period	1400.00	1400.00	1400.00	1244.44	1088.89
	Repayments of Loans during the period Net loan - Closing	0.00	0.00	155.56	155.56	155.56
	Average Net Loan	1400.00	1400.00	1244.44	1088.89	933.33
	Rate of Interest on Loan	1400.00	1400.00	1322,22	1166.67	1011.11
	Interest on Loan Annualised	8.7800%	8.7800%	8,7800%	8.7800%	8.7800%
		122.92	122.92	116.09	102.43	88.78

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Name of the Company

NTPC LTD.

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Nam	e of the Power Station		F	Bongaigaon '		mount in lacs)
SI. no.	Particulars	201 9 -20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
	SBI-VIII (T1 D14)					
	Gross loan - Opening	2200.00	2200.00	2200.00	2200.00	2200.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	244.44	488.89
	Net loan - Opening	2200.00	2200.00	2200.00	1955.56	1711.11
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
1	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	2200.00	2200.00	2200.00	1955.56	1711.11
	Repayments of Loans during the period	0.00	0.00	244.44	244.44	244.44
+	Net loan - Closing	2200.00	2200.00	1955.56	1711.11	1466.67
	Average Net Loan	2200.00	2200.00	2077.78	1833.33	1588.89
	Rate of Interest on Loan	8.7800%	8.7800%	8.7800%	8.7800%	8.7800%
	Interest on Loan Annualised	193.16	193.16	182.43	160.97	139.50
I	Intelescon coan Annoaiseu					
66	SBI-VIII (T1 D15)					
00	Gross loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00
<i>-</i>						
'	Cumulative repayments of Loans upto previous period	0.00				444.44
	Net loan - Opening	2000.00		2000.00	1777.78	1555.56
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
						0.00
·'	Increase/ Decrease due to ACE/Drawl during the period	0.00				0.00
	Total	2000.00	2000.00			1555.56
	Repayments of Loans during the period	0.00	0.00		222.22	222.22
	Net Ioan - Closing	2000.00	2000.00		1555.56	1333.33
	Average Net Loan	2000.00			1666.67	1444.44
	Rate of Interest on Loan	8.7800%	8.7800%	8.7800%	8.7800%	8.7800%
	Interest on Loan Annualised	175.60	175.60	165.84	146.33	126.82
•		<u>ا</u>		[Īŧ	
67	SBI-VIII (T1 D16)	·	·	Ē		
<u> </u>	Gross Ioan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00
		· · · · · ·	1 *** **	í · · · ·	Ē [
	Cumulative repayments of Loans upto previous period	0.00	0.00			1333.3
	Net loan - Opening	6000.00				4666.6
	Increase/ Decrease due to FERV	0.00		f		0.0
	Inclease/ Deciease due to retty	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	r		
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0
—	Total	6000.00				4666.6
	Repayments of Loans during the period	0.00		·····		666.6
	Net loan - Closing	6000.00				4000.0
	Net loan - Closing Average Net Loan	6000.00				4333.3
		8.7800%				8.78009
	Rate of Interest on Loan	526.80				380.4
	Interest on Loan Annualised	560.00	1			
<u> . 0</u>	SBI-VIII (T1 D18)	f,	t	<u> </u>	łt	
60		7000.00	7000.00	7000.00	7000.00	7000.0
<u> </u>	Gross loan - Opening	7000.00	1000.00	1000.00		*••
	,	1 . · ·	1	1	1	
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	777.78	1555.5
	Net loan - Opening	7000.00	7000.00		6222.22	5444.4
	Increase/ Decrease due to FERV	0.00				0.0
	Increase/ Decrease due to retty		+		ł	i
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0
	Increase/ Decrease due to Acc/broth during the period	7000.00				
	Total Repayments of Loans during the period	0.00				
 		7000.00				
 	Net loan - Closing	7000.00				
<u> </u>	Average Net Loan					
	Rate of Interest on Loan	8.7800%				
·	Interest on Loan Annualised	614.60	014:00	1 300.10		<u></u>
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Name of the Company Name of the Power Station

NTPC LTD. Bongaigaon TPS

Nam	e of the Power Station		1	Bongaigaon		nount in lacs)
SI.			[
no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
69	SBI-VIII (T1 D19)				<u> </u>	
	Gross loan - Opening	1700.00	1700.00	1700.00	1700.00	1700.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	188.89	377.78
	Net loan - Opening	1700.00	1700.00	1700.00	1511.11	1322.22
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	1700.00	1700.00	1700.00 188.89	188.89	1322.22
	Repayments of Loans during the period	0.00	0.00	1511.11	1322.22	1133.33
	Net Ioan - Closing	1700.00	1700.00	1605.56	1416.67	1227.78
	Average Net Loan		8.7800%	8.7800%	8.7800%	8.7800%
	Rate of Interest on Loan	8.7800% 149.26	149.26	140.97	124.38	107.80
	Interest on Loan Annualised	149.20	149.20	140.97	127,30	107.00
70	SBI-VIII (T1 D21)	· · · · ·				
· · · · · ·	Gross loan - Opening	4000.00	4000.00	4000.00	4000.00	4000.00
			0.00	0.00	444.44	888.89
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	444.44 3555.56	3111.11
	Net loan - Opening	4000.00			0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	4000.00	4000.00	4000.00	3555.56	3111.11
	Repayments of Loans during the period	0.00	0.00	444.44	444.44	444.44
· ·	Net loan - Closing	4000.00	4000.00	3555.56	3111.11	2666.67
	Average Net Loan	4000.00	4000.00	3777.78	3333.33	2888.89
	Rate of Interest on Loan	8.7800%	8.7800%	8.7800%	8.7800%	8.7800%
	Interest on Loan Annualised	351.20	351.20	331.69	292.67	253.64
71	SBI-VIII (T1 D24)					
/1	Gross loan - Opening	3428.57	3428.57	3428.57	3428.57	3428.57
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	380.95	761.90
	Net loan - Opening	3428.57	3428.57	3428.57	3047.62	2666.67
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	3428.57	3428.57	3428.57	3047.62	2665.67
	Repayments of Loans during the period	0.00	0.00	380.95	380.95	380.95
	Net loan - Closing	3428.57	3428.57	3047.62	2666.67	2285.71
	Average Net Loan	3428.57	3428.57	3238.09	2857.14	2476.19
	Rate of Interest on Loan	8.7800%	8.7800%	8.7800%	8.7800%	217.4
<u> </u>	Interest on Loan Annualised	301.03	301.03	284.30	250.86	217.41
72	SBI-IX (T1 D1)					
	Gross Ioan - Opening	3600.00	3600.00	3600.00	3600.00	3600.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	400.00		1200.00
	Net Ioan - Opening	3600.00	3600.00	3200.00	2800.00	2400.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	3600.00	3600.00	3200.00	2800.00	2400.00
	Repayments of Loans during the period	0.00	400.00	400.00		400.00
	Net loan - Closing	3600.00	3200.00	2800.00		2000.00
	Average Net Loan	3600.00	3400.00	3000.00		2200.00
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%		8.2500%
	Interest on Loan Annualised	297.00	280.50	247.50	214.50	181.50

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Name of the Company Name of the Power Station

Interest on Loan Annualised

Bongaigaon TPS (Amount in lacs) SI. 2023-24 2019-20 2020-21 2021-22 2022-23 Particulars no. 4 5 7 2 6 3 73 SBI-IX (T1 D2) 2000.00 2000.00 2000.00 2000.00 2000.00 Gross loan - Opening 222.22 444.44 666.67 Cumulative repayments of Loans upto previous period 0:00 0.00 1333.33 2000.00 2000.00 1777.78 1555.56 Net loan - Opening 0.00 0.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 2000.00 1777.78 1333.33 222.22 1555.56 2000.00 Total Repayments of Loans during the period 0.00 1555.56 1333.33 2000.00 1111.11 1777.78 Net loan - Closing 1222.22 1444.44 Average Net Loan 2000.00 1888.89 1666.67 8.2500% 8.2500% Rate of Interest on Loan 8.2500% 8.2500% 8.2500% 100.83 137.50 119.17 Interest on Loan Annualised 165.00 155.83 74 SBI-IX (T1 D7) 4000.00 4000.00 4000.00 4000.00 Gross loan - Opening 4000.00 444.44 888.89 1333.33 Cumulative repayments of Loans upto previous period 0.00 0.00 3111.11 2666.67 4000.00 3555.56 4000.00 Net loan - Opening 0.00 0.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 3111.11 4000.00 4000.00 3555.56 2666.67 Total 444.44 444.44 444.44 444.44 Repayments of Loans during the period 0.00 4000.00 3555.56 3777.78 2222.22 3111.11 2666.67 Net loan - Closing 2444,44 2888.89 Average Net Loan 4000.00 3333.33 8.2500% 8.2500% 8.2500% 8.2500% 8.2500% Rate of Interest on Loan 238.33 201.67 275.00 311.67 Interest on Loan Annualised 330.00 75 SBI-IX (T1 D8) 800.00 800.00 800.00 800.00 800.00 Gross loan - Opening 0.000.00 88.89 177.78 266.67 Cumulative repayments of Loans upto previous period 800.00 711.11 622.22 533.33 800.00 Net loan - Opening 0.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 800.00 800.00 711.11 622.22 533.33 Total 88.89 88.89 Repayments of Loans during the period 0.00 88.89 88.89 444.44 800.00 533.33 711.11 622.22 Net loan - Closing 755.56 577.78 488.89 800.00 666.67 Average Net Loan Rate of Interest on Loan 8.2500% 8.2500% 8.2500% 8.2500% 8.2500% 47.67 40.33 62.33 55.00 66.00 Interest on Loan Annualised 76 SBI-IX (T1 D10) 1500.00 1500.00 1500.00 1500.00 1500.00 Gross loan - Opening 333.33 500.00 0.00 166.67 Cumulative repayments of Loans upto previous period 0.00 1166.67 1333.33 1000.00 1500.00 Net loan - Opening 1500.00 0.00 0.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 1000.00 1500.00 1333,33 1166.67 1500.00 Total 166.67 166.67 166.67 166.67 Repayments of Loans during the period 0.00 1500.00 1000.00 833.33 1166.67 Net loan - Closing 1333.33 916.67 1083.33 1250.00 Average Net Loan 1500.00 1416.67 8.2500% 8.2500% 8.2500% 8.2500% Rate of Interest on Loan 8.2500%

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116.88

FORM-13

NTPC LTD.

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Name of the Company Name of the Power Station

NTPC LTD. Bongaigao

FORM-13

Nam	e of the Power Station			Bongaigaon '		mount in lacs)
Si. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
			·			
77	SBI-X (T1 D1)	21102.00	21102.00	21103.00	21103.00	21103.00
	Gross Ioan - Opening	21103.00	21103.00	21105.00	21105.00	21103.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net Ioan - Opening	21103.00	21103.00	21103.00	21103.00	21103.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
						0.00
	Increase/ Decrease due to ACE/Drawl during the period Total	0.00 21103.00	0.00	0.00 21103.00	0.00	0.00 21103.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	21103.00	21103.00	21103.00	21103.00	21103.00
••••••	Average Net Loan	21103.00	21103.00	21103.00	21103.00	21103.00
	Rate of Interest on Loan	9.2800%	9.2800%	9.2800%	9.2800%	9.2800%
	Interest on Loan Annualised	1958.36	1958.36	1958.36	1958.36	1958.36
78	SBI-X (T1 D3)					
70	Gross Ioan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total Renavments of Leans during the pariod	2000.00 0.00	2000.00	2000.00	2000.00	2000.00
	Repayments of Loans during the period Net loan - Closing	2000.00	2000.00	2000.00	2000.00	2000.00
	Average Net Loan	2000.00	2000.00	2000.00	2000.00	2000.00
	Rate of Interest on Loan	9.2800%	9.2800%	9.2800%	9.2800%	9.2800%
	Interest on Loan Annualised	185.60	185.60	185.60	185.60	185.60
70	SBI-X (T1 D8)					
79	Gross Ioan - Opening	3900.00	3900.00	3900.00	3900.00	3900.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00		0.00
	Net loan - Opening	3900.00	3900.00	3900.00	3900.00	3900.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00 3900.00	0.00	0.00
· · · .	Total Repayments of Loans during the period	3900.00 0.00	<u>3900.00</u> 0.00			0.00
	Net loan - Closing	3900.00	3900.00		3900.00	3900.00
	Average Net Loan	3900.00	3900.00	3900.00	3900.00	3900.00
	Rate of Interest on Loan	9.2800%	9.2800%	9.2800%	9.2800%	9.2800%
	Interest on Loan Annualised	361.92	361.92	361.92	361.92	361.92
00	SBI-XI (T1 D1)					
80	Gross Ioan - Opening	2200.00	2200.00	2200.00	2200.00	2200.00
	Cumulative repayments of Loans upto previous period	0.00				244.44
	Net loan - Opening	2200.00	2200.00	2200.00		1955.50
	Increase/ Decrease due to FERV	0.00	0.00	0.00		0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00				0.00
	Total	2200.00		2200.00 0.00		<u>1955.50</u> 244.44
	Repayments of Loans during the period Net loan - Closing	2200.00				1711.1
<u> </u>	Average Net Loan	2200.00				1833.3
	Rate of Interest on Loan	8.3500%	8.3500%	8.3500%	8.3500%	8.3500%
	Interest on Loan Annualised	183.70	183.70	183.70	173.49	153.08
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Name of the Company

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	e of the Company NTPC LTD. e of the Power Station Bongaigaon TPS (Amou							
SI. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24		
1	2	3	4	5	6	7		
81	SBI-XI (T1 D3)							
	Gross loan - Opening	2700.00	2700.00	2700.00	2700.00	2700.00		
1	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	300.00		
÷	Net loan - Opening	2700.00	2760.00	2700.00	2700.00	2400.00		
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00		
- 1	in the second second second second		0.00	0.00	0.00	0 OC		
	Increase/ Decrease due to ACE/Drawl during the period	0.00 2700.00	2700.00	0.00	0.00	0.00 2400.00		
	Total Repayments of Loans during the period	2700.00	2700.00	2700.00	300.00	300.00		
	Net loan - Closing	2700.00	2700.00	2700.00	2400.00	2100.00		
	Average Net Loan	2700.00	2700.00	2700.00	2550.00	2250.00		
	Rate of Interest on Loan	8.3500%	8.3500%	8.3500%	8.3500%	8.3500%		
	Interest on Loan Annualised	225.45	225.45	225.45	212.93	187.8		
_								
82	SBI-XI (T1 D4)							
	Gross Ioan - Opening	1100.00	1100.00	1100.00	1100.00	1100.00		
7	1				0.00	100.0		
	Cumulative repayments of Loans upto previous period	0.00	00.0	0.00	0.00	122.2		
'	Net loan - Opening	1100.00	1100.00	1100.00	1100.00	977.7		
'	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0		
,	to the ACCIOnnul during the period	0.00	0.00	0.00	0.00	0.0		
	Increase/ Decrease due to ACE/Drawl during the period	0.00	1100.00	1100.00	1100.00	977.7		
	Total Repayments of Loans during the period	1100.00		0.00	122.22	122,2		
	Net loan - Closing	1100.00	1100.00	1100.00	977.78	855.5		
	Average Net Loan	1100.00	1100.00	1100.00	1038.89	916.6		
	Rate of Interest on Loan	8.3500%	8.3500%	8.3500%	8.3500%	8.3500%		
	Interest on Loan Annualised	91.85	91.85	91.85	86.75	76.5		
			l	ł				
83	SBI-XII (T1 D1)			7500.00	6500.00	- FAD 6		
	Gross Ioan - Opening	6500.00	6500.00	<u>6500.00</u>	6500.00	6500.0		
	l	1	i . [i j	ı [.			
	a subtraction of Lease units preutous period	0.00	0.00	0.00	0.00	0.0		
	Cumulative repayments of Loans upto previous period Net loan - Opening	6500.00	6500.00			6500.0		
	Increase/ Decrease due to FERV	0.00	0.00		0.00	0.0		
	Indease/ Decrease due to raity	l	t					
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00			0.0		
	Total	6500.00	6500.00	6500.00	6500.00	6500.0		
	Repayments of Loans during the period	0.00	0.00	0.00		0.0		
	Net loan - Closing	6500.00				6500.0		
	Average Net Loan	6500.00			6500.00	6500.0		
	Rate of Interest on Loan	8.3500%			8.3500% 542.75	8.3500		
	Interest on Loan Annualised	542.75	542.75	542.75	542.73	542.7		
94	PNB III (T1 D1)	↓	i1	I	łł-			
84	PNB III (T1 D1) Gross loan - Opening	2500.00	2500.00	2500.00	2500.00	2500.0		
<u> </u>		1				555.5		
	Cumulative repayments of Loans upto previous period	0.00	2500.00	2500.00				
<u> </u>	Net loan - Opening Increase/ Decrease due to FERV	0.00				<u>1944.4</u> 0.0		
	Increase/ Decrease due to roky	0.00	[·····				
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0		
·	Total	2500.00				1944.4		
	Repayments of Loans during the period	0.00	0.00	277.78	277.78	277.7		
_	Net loan - Closing	2500.00	2500.00	2222.22	1944.44	1666.6		
_	Average Net Loan	2500.00	2500.00	2361.11	2083.33	1805.5		
	Rate of Interest on Loan	8.3000%				8.3000		
	Interest on Loan Annualised	207.50	207.50	195.97	172.92	149.8		
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FORM-13

ame	e of the Company e of the Power Station		Bongaigaon TPS (Amou				
SI. 10.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24	
1	2	3	4	5	6	7	
	PNB III (T1 D5)						
	Gross Joan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00	
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	1111.11	2222.22	
	Net loan - Opening	10000.00	10000.00	10000.00	8888.89	7777.78	
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	
	Increase/ Decrease due to rent						
1	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0	
	Total	10000.00	10000.00	10000.00	8888.89	7777.7	
	Repayments of Loans during the period	0.00	0.00	1111.11	1111.11	1111.1	
	Net loan - Closing	10000.00	10000.00	8888.89	7777.78	6666.6	
	Average Net Loan	10000.00	10000.00	9444.44	8333,33	7222.2	
	Rate of Interest on Loan	8.3000%	8.3000%	8.3000%	8.3000%	8.3000%	
	Interest on Loan Annualised	830.00	830.00	783.89	691.67	599.4	
	Increase on Examplements						
86	PNB IV (T1 D1)						
	Gross loan - Opening	3643.00	3643.00	3643.00	3643.00	3643.0	
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	404.78	809.5	
	Net loan - Opening	3643.00		3643.00	3238.22	2833.4	
	Increase/ Decrease due to FERV	0.00		0.00	0.00	0.0	
	Increase/ Decrease due to r Livy						
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0	
	Total	3643.00		3643.00	3238.22	2833.4	
	Repayments of Loans during the period	0.00	· · · · · · · · · · · · · · · · · · ·	404.78	404.78	404.7	
	Net Joan - Closing	3643.00		3238.22	2833.44	2428.6	
	Average Net Loan	3643.00			3035.83	2631.0	
	Rate of Interest on Loan	8.3000%			8.3000%	8.3000	
	Interest on Loan Annualised	302.37		285.57	251.97	218,3	
	Interest on coan Annoaised						
87	HDFC BANK LIMITED-IV (T D3)						
07	Gross loan - Opening	4000.00	4000.00	4000.00	4000.00	4000.0	
		0.00	0.00	0.00	444.44	888.	
	Cumulative repayments of Loans upto previous period	4000.00				3111.	
	Net loan - Opening	0.00				0.	
	Increase/ Decrease due to FERV	0.00					
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.	
	Total	4000.00			3555.56	3111.	
	Repayments of Loans during the period	0.00				444.	
	Net loan - Closing	4000.00				2666,	
	Average Net Loan	4000.00		3777.78	3333.33	2888.	
	Rate of Interest on Loan	8.4500%		8.4500%	8.4500%	8,4500	
	Interest on Loan Annualised	338.00		319.22	281.67	244.	
	Interest on courrennation	1					
88	HDFC BANK LIMITED-V (T D3)			1			
00	Gross Ioan - Opening	2700.0	2700.00	2700.00	2700.00	2700.	
· · · ·		0.0	0.00	0.00	0.00	0.	
	Cumulative repayments of Loans upto previous period	2700.0	2700.00		2700.00		
	Net loan - Opening Increase/ Decrease due to FERV	0.0				0.	
	Increase/ Decrease une to FERM	1			1		
	Increase/ Decrease due to ACE/Drawl during the period	0.0	0.00	0.00	0.00		
		2700.0					
	Total Repayments of Loans during the period	0.0					
		2700.0	0 2700.0				
	Net loan - Closing	2700.0		2700.00	2700.00	2700	
	Average Net Loan	8,4500%					
	Rate of Interest on Loan Interest on Loan Annualised	228.1					
1	Interescion Loan Annoaiseu	4,4,0,1			1	T	

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Name of the Company

Bongaigaon TPS Name of the Power Station (Amount in lacs) SI 2021-22 2022-23 2023-24 2019-20 2020-21 Particulars no 5 6 4 7 1 3 HDFC BANK LIMITED-V (T D7) 89 1100.00 1100.00 1100.00 1100.00 1100.00 Gross loan - Opening 0.00 0.00 0.00 0.00 0.00 Cumulative repayments of Loans upto previous period 1100.00 1100.00 1100.00 1100.00 1100.00 Net loan - Opening Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 1100.00 1100.00 1100.00 1100.00 1100.00 Total 0.00 0.00 0.00 0.00 Repayments of Loans during the period 0.00 1100.00 1100.00 1100.00 1100.00 1100.00 Net loan - Closing 1100.00 1100.00 1100.00 1100.00 1100.00 Average Net Loan 8.4500% 8.4500% 8.4500% 8.4500% 8.4500% Rate of Interest on Loan 92.95 92.95 92.95 92.95 92.95 Interest on Loan Annualised 90 HDFC BANK LIMITED-V (T D8) 4200.00 4200.00 4200.00 4200.00 4200.00 Gross loan - Opening 0.00 0.00 0.00 0.00 0.00 Cumulative repayments of Loans upto previous period 4200.00 4200.00 4200.00 4200.00 4200.00 Net loan - Opening Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.00 4200.00 4200.00 4200.00 4200.00 4200.00 Total Repayments of Loans during the period 0.00 0.00 0.00 0.00 0.00 4200.00 4200.00 4200.00 4200.00 4200.00 Net loan - Closing 4200.00 4200.00 4200.00 4200.00 4200.00 Average Net Loan 8.4500% 8.4500% 8.4500% 8.4500% 8.4500% Rate of Interest on Loan 354.90 354.90 354.90 Interest on Loan Annualised 354.90 354.90 91 HDFC BANK LIMITED-V (T D10) 1200.00 1200.00 1200.00 1200.00 1200.00 Gross loan - Opening 0.00 0.00 0.00 0.00 0.00 Cumulative repayments of Loans upto previous period 1200.00 Net loan - Opening 1200.00 1200.00 1200.00 1200.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 0.00 0.001200.00 1200.00 1200.00 1200.00 1200.00 Total 0.00 Repayments of Loans during the period 0.00 0.00 0.00 0.00 1200.00 1200.00 1200.00 1200.00 1200.00 Net loan - Closing 1200.00 Average Net Loan 1200.00 1200.00 1200.00 1200.00 0.0000% 0.0000% Rate of Interest on Loan 0.0000% 0.0000% 0.0000% 0.00 0.00 0.00 0.00 0.00 Interest on Loan Annualised 92 ICICI- IV (T D) 3643.00 3643.00 3643.00 3643.00 Gross Joan - Opening 3643.00 404.78 0.00 0.00 0.00 0.00 Cumulative repayments of Loans upto previous period 3643.00 3238.22 3643.00 3643.00 3643.00 Net loan - Opening 0.00 0.00 0.00 0.00 Increase/ Decrease due to FERV 0.00 0.00 0.00 0.00 0.00 0.00 Increase/ Decrease due to ACE/Drawl during the period 3238.22 3643.00 3643.00 3643.00 3643.00 Total 404.78 0.00 0.00 404.78 Repayments of Loans during the period 0.00 3643.00 3238.22 2833.44 3643.00 Net loan - Closing 3643.00 3440.61 3035.83 3643.00 3643.00 Average Net Loan 3643.00

Rate of Interest on Loan

Interest on Loan Annualised

Lambre

9.2000%

316.54

9.2000%

279.30

9.2000%

335.16

9.2000%

335.16

9.2000%

335.16

NTPC LTD.

Name of the Company

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NTPC LTD. Bongaigaor

FORM-13

	e of the Power Station		· E	Bongaigaon '		nount in lacs)
SI. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
93	Syndicate Bank III (T1 D1)					
	Gross loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00
	Cumulative repayments of Loans upto previous period	625.00	875.00	1125.00	1375.00	1625.00
ĺ	Net loan - Opening	1375.00	1125.00	875.00	625.00	375.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	1375.00	1125.00	875.00	625.00	375,00
	Repayments of Loans during the period	250.00	250.00	250.00	250.00	250.00
	Net loan - Closing	1125.00	875.00	625.00	375.00	125.00
	Average Net Loan	1250.00	1000.00	750.00	500.00	250.00
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	105.63	84.50	63.38	42.25	21.13
94	Syndicate Bank (T1 D7) Gross Ioan - Opening	7000.00	7000.00	7000.00	7000.00	7000.00
	Sloss toan - Opening					
	Cumulative repayments of Loans upto previous period	2187.50	3062.50	3937.50	4812.50	5687.50
	Net loan - Opening	4812.50	3937.50	3062.50	2187.50	1312.50
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0(
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	4812.50	3937.50	3062.50	2187.50	1312.50
	Repayments of Loans during the period	875.00	875.00	875.00	875.00	875.00
	Net loan - Closing	3937.50	3062.50	2187.50	1312.50	437.50
	Average Net Loan	4375.00	3500.00	2625.00	1750.00	875.00
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	369.69	295.75	221.81	147.88	73.9
0F	Syndicate Bank (T1 D8)					
93	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	1562.50				4062.5
	Net loan - Opening	3437.50		2187.50	1562.50	937.5
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0
	Total	3437.50				937.5
	Repayments of Loans during the period	625.00				625.0
	Net Ioan - Closing	2812.50			937.50	312.5
	Average Net Loan	3125.00	· · · · · · · · · · · · · · · · · · ·	1875.00	1250.00	625.0
	Rate of Interest on Loan	8.4500%		8.4500%	8.4500%	8.4500%
	Interest on Loan Annualised	264.06	211.25	158,44	105.63	52.8
					 	
96	Syndicate Bank (T1 D10) Gross Ioan - Opening	10000,00	10000.00	10000.00	10000.00	10000.0
	oross iven - Opening	10000,00				
	Cumulative repayments of Loans upto previous period	3125.00				8125.0
	Net loan - Opening	6875.00				1875.0
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.0
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.0
-	Total	6875.00			3125.00	1875.0
	Repayments of Loans during the period	1250.00			1250.00	1250.0
	Net loan - Closing	5625.00			1875.00	625.(
	Average Net Loan	6250.00	5000.00		2500.00	1250.0
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%	8.4500%	8.4500
	Interest on Loan Annualised	528,13		316.88	211.25	105.6
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FORM-13

Nam Nam	e of the Company e of the Power Station		FORM- NTPC LTD. Bongaigaon TPS (Amount in lac					
SI. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24		
1	2	3	4	5	6	7		
97	Union Bank of India -II (T1 D11)					1		
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00		
	Cumulative repayments of Loans upto previous period	1250.00	1750.00	2250.00	2750.00	3250.00		
	Net loan - Opening	3750.00	3250.00	2750,00		1750.00		
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00		
						0.00		
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00		1750.00		
	Total	3750.00	3250.00 500.00	2750.00		500.00		
	Repayments of Loans during the period	3250.00	2750.00	2250.00		1250,00		
	Net loan - Closing Average Net Loan	3500.00	3000.00	2500.00		1500.00		
——	Rate of Interest on Loan	8.5000%	8,5000%	8.5000%		8,5000%		
	Interest on Loan Annualised	297.50	255.00	212.50	170.00	127.50		
		257.30	235.00	212.30	1/0.00			
98	HDFC Bank Ltd. VI (T1 D2)							
	Gross Ioan - Opening	1000.00	1000.00	1000.00	1000.00	1000.00		
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00		
<u>-</u>	Net loan - Opening	1000.00	1000.00	1000,00	1000.00	1000.00		
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00		
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00		0.00		
	Total	1000.00	1000.00	1000.00		1000.00		
· ·	Repayments of Loans during the period	0.00	0.00	0.00		0.00		
1	Net loan - Closing	1000.00	1000.00	1000.00		1000.00		
	Average Net Loan	1000.00	1000.00	1000.00		1000.00		
	Rate of Interest on Loan	8.4500%	8.4500%	8.4500%		8.4500%		
	Interest on Loan Annualised	84.50	84.50	84.50	84.50	84.50		
	TOTAL LOAN							
	Gross loan - Opening	550,216	550,216	550,216	550,216	550,216		
	Cumulative repayments of Loans upto previous period	47,521	64,306	81,758		223,511		
	Net loan - Opening	502,695	485,911	468,458	388,015	326,705		
	Increase/ Decrease due to FERV		-		-	<u> </u>		
	Increase/ Decrease due to ACE/Drawl during the period	-	-		-			
	Total	502,695	485,911	468,458		326,705		
	Repayments of Loans during the period	16,785	17,452	80,443	. 61,310	54,361		
•	Net loan - Closing	485,911	468,458	388,015	326,705	272,345		
	Average Net Loan	494,303	477,184	428,237	357,360	299,525		
	Rate of Interest on Loan	7.9443%	7.9375%	7.9326%		7.9652%		
	Interest on Loan Annualised	39,269	37,877	33,970	28,481	23,858		

PETITIONER

Details of information to be provided to beneficiaries under clause (7) of Regulation 30 of CERC (Terms & conditions of Tariff) Regulation 2014 COMPUTATION OF ENERGY CHARGES

Name of the petitioner- NTPC Ltd

Name of the Generating station-Bongaigaon Thermal Power Project

				Domestic coal		Importe	d coal	
	Particulars	LINUT	UNIT Oct-18					
SI.NO.	Particulars	UNIT	Supplied by MGR	Supplied by Rail	E-auction			
1	Quantity of coal supplied by coal company*	(MT)		105,991.04				
2	Adjustment(+/-) in quantity supplied made by coal company	(MT)						
3	Coal supplied by coal company(1+2)	(MT)		105,991.04		1		
4	Normative Transit & handing losses	(MT)		595.83				
• 5	Net coal supplied (3-4)	(MT)		105,395.20				
6	Amount charged by the coal company*	₹		488,077,517.52				
7	Adjustment(+/-)in amount charged made by coal company	₹	-37,459,332.00					
8	Total amount charged(6+7)	₹		450,618,185.52		-		
9	Transportation charges by rail/ship/road transport	₹		111,089,913.00				
10	Adjustment(+/-) in amount charged made by railways/transport company	₹						
11	Demurrage charges, if any	₹				-		
12	Cost of diesel in transpoting coal through MGR system	₹		883,146.22				
13	Total transportation charges (9+/10+11+12)	₹		111,973,059.22		(m)		
13A	Others (stone picking charges, loco driver salary, sampling charges etc.	₹		7,899,965.03				
14	Total amount charged for coal supplied including transportation(8+13+13A)	₹		570,491,209.77				
15	Landed cost of coal	(₹/MT)		54	12.88			
16	Blending ratio(Domestic/Imported)			-	N/A			
17	Weighted average cost of coal	(₹/MT)		54	12.88			
18	GCV of domestic coal as per bill of coal company	(kCai/kg)			872			
19	GCV of imported coal as per bill of coal company	(kCai/kg)			N/A			
20	Weighted average GCV of coal as billed	(kCai/kg)		587	72.00			
21	Weighted average GCV of coal as received at station	(kCai/kg)		428	88.90			

Includes opening stock

For C.K. PRUSTY & ASSOCIATES Chartered Accountants Firm Reg. No. 323220E

Details of information to be provided to beneficiaries under clause (7) of Regulation 30 of CERC (Terms & conditions of Tariff) Regulation 2014 COMPUTATION OF ENERGY CHARGES

Name of the petitioner- NTPC Ltd

Name of the Generating station-Bongaigaon Thermal Power Project

				Domestic coal		Impor	ted coal
				No	v-18		
SI.NO.	Particulars	UNIT	Supplied by MGR	Supplied by Rail	E-auction		
1	Quantity of coal supplied by coal company*	(MT)		139,019.68		-	**
2	Adjustment(+/-) in quantity supplied made by coal company	(MT)		-		-	
3	Coal supplied by coal company(1+2)	(MT)		139,019.68		~	
4	Normative Transit & handing losses	(MT)		1,052.68		-	
5	Net coal supplied (3-4)	(MT)		137,967.01			
6	Amount charged by the coal company*	₹		644,082,001.43		-	
7	Adjustment(+/-)in amount charged made by coal company	₹		-91,859,934.00			
8	Total amount charged(6+7)	₹		552,222,067.43		-	
9	Transportation charges by rail/ship/road transport	₹		193,285,334.00			
10	Adjustment(+/-) in amount charged made by railways/transport company	₹		-		~	
11	Demurrage charges, if any	₹		-		-	
12	Cost of diesel in transpoting coal through MGR system	₹		952,675.50		-	
13	Total transportation charges (9+/10+11+12)	₹		194,238,009.50		-	
13A	Others (stone picking charges,loco driver salary,sampling charges etc.	₹		8,605,258.03			
14	Total amount charged for coal supplied including transportation(8+13+13A)	₹		755,065,334.96		-	
15	Landed cost of coal	(₹/MT)		54	472.80		
16	Blending ratio(Domestic/Imported)				N/A		
17	Weighted average cost of coal	(₹/MT)			472.80		
18	GCV of domestic coal as per bill of coal company	(kCai/kg)			5855		
19	GCV of imported coal as per bill of coal company	(kCai/kg)			N/A		
20	Weighted average GCV of coal as billed	(kCai/kg)		5	855.00		
21	Weighted average GCV of coal as received at station	(kCai/kg)		4	599.10		

Includes opening stock

*

Mark Dym(F) अजय साहु AJAY SAHOO उप महाप्रबंधक (वित्त) एस.एस.सी./ई आर-॥ Dy. General Manager (Fin)SSC/ER-II एनटीपीर्स: लिमिटेड/तार:चेर कनिद्दा NTPC Limited / Talcher Kaniha

For C.K. PRUST√& ASSOCIATES Chartered Accountants Firm Reg. No. 323220E

Details of information to be provided to beneficiaries under clause (7) of Regulation 30 of CERC (Terms & conditions of Tariff) Regulation 2014 COMPUTATION OF ENERGY CHARGES

Name of the petitioner- NTPC Ltd

Name of the Generating station-Bongaigaon Thermal Power Project

				Domestic coal		Imported	d coal
SI.NO.	Particulars	UNIT		De	ec-18		
51.100.	raticulars	onn	Supplied by MGR	Supplied by Rail	E-auction		
1	Quantity of coal supplied by coal company*	(MT)		129,144.07			-
2	Adjustment(+/-) in quantity supplied made by coal company	(MT)		-		-	
3	Coal supplied by coal company(1+2)	(MT)		129,144.07			
4	Normative Transit & handing losses	(MT)		891.57			
5	Net coal supplied (3-4)	(MT)		128,252.50		-	
6	Amount charged by the coal company*	₹		567,644,176.69			
7	Adjustment(+/-)in amount charged made by coal company	₹		-46,980,735.00			
8	Total amount charged(6+7)	₹		520,663,441.69			
9	Transportation charges by rail/ship/road transport	₹		168,151,278.00			
10	Adjustment(+/-) in amount charged made by railways/transport company	₹					
11	Demurrage charges, if any	₹		-			
12	Cost of diesel in transpoting coal through MGR system	₹		1,092,610.91			
13	Total transportation charges (9+/10+11+12)	₹		169,243,888.91			
13A	Others (stone picking charges,loco driver salary,sampling charges etc.	₹		8,357,080.47			
14	Total amount charged for coal supplied including transportation(8+13+13A)	₹		698,264,411.07			
15	Landed cost of coal	(₹/MT)			5444.45		
1.6	Blending ratio(Domestic/Imported)				N/A		
17	Weighted average cost of coal	(₹/MT)			5444.45		
18	GCV of domestic coal as per bill of coal company	(kCai/kg)			5649		
1.9	GCV of imported coal as per bill of coal company	(kCai/kg)			N/A		
2.0	Weighted average GCV of coal as billed	(kCai/kg)			5649.00		
21	Weighted average GCV of coal as received at station	(kCai/kg)			4651.60		

Includes opening stock

للمعلى AJAY SAHOO उप महाप्रबंधक (विन्न) एस.एए.सी. /ई आर-॥ Dy. Genera Manager (Fin)SSC/ER-॥ प्रतन्नी सी. कि.स.स. (वालनेर कनिहा NTAO Limited / Talcher Kaniha NTPO Limited / Talcher Kaniha

For C.K. PRUSTY & ASSOCIATES Chartered Accountants Firm Reg. No. 323220E

Name of the Company :

NTPC Limited FORM 15 - OIL

BONGAIGAON THERMAL POWER PROJECT

Name	of the	Power	Station	;
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	Month		Oct-18	3
No.	Particulars	Unit		
			LDO	HFO
			Col. 1	Col. 2
1	Opening Stock of Oil	KL	1646.50	0
	Opening Stock of On			
2	Value of Opening Stock	Rs.	83590432.40	0.00
2			0	0.00
2	Quantity of Oil supplied by Oil Company	KL	460.00	0
3	Qualitity of Oil supplied by Oil Somparty			0
4	Adjustment (+/-) in quantity supplied by Oil Company	KL	0.00	0
5	Qty. of Oil supplied by Oil Company (3+4)	KL	460.00	0
5	Gty. of On Supplied by On Company (C. 9			0
6	Normative Transit & Handling Losses	KL	0.00	0
0	Normative Transit & Handling Loopoo			. 0
7	Net Oil Supplied (5 - 6)	KL	460.00	0
7				C
0	Amount charged by the Oil Company	Rs.	27628702.69	0
8	Adjustment (+/-) in amount charged by Oil Company	Rs.	0.00	(
9	Total amount charged (8+9)	Rs.	27628702.69	(
10	Transportation charges by rail/ship/road transport	Rs.		(
11	Adjustment (+/-) in amount charged by	Rs.		(
12	Railways/Transport Company.	1101		0.0
10	Demurrage charges, if any	Rs.		0.0
13	Total Transportation Charges (11+/- 12 - 13)	Rs.	0.00	
14		Rs.	0.00	0.0
15	Others Total amount charged for Oil supplied	Rs.	27628702.59	
16	Total amount charged for On supplied			0
	including Transportation (10+14+15)	Kcal/Ltr		
17	Weighted average GCV of Oil	T(Cal/Eti		
	a source of the station for the month (1+7)	KL	2105.50	
18	Quantity of Oil at the station for the month(1+7)			
		Rs.	111219135.09	
19	Total amount charged for Oil (2 + 16)	113.	111210100.001	
		Rs./ KL	52798.07	
20	Landed cost of Oil (19/18)	NS./ NL	02700.07	
		KL	222.60	
21	Quantity of Oil consumed	INC		
		Rs.	11752850.45	
22	Value of Oil consumed (20*21)	113.	11102000.00	
		KL	1883.90	
23	Closing Stock of Oil (18 - 21)	NL.	1003.00	
		Do	99466284.64	
24	Value of closing stock (19 - 22)	Rs.	33400204.04	

Details of information in respect of fuel for computation of energy charges

Station : BONGAIGAON THERMAL POWER PROJECT

C No	Particulars	Unit	Oct-18		
5.NO.			LDC	HFO	
			Col.1	Col.2	
1	Landed cost of Oil as at SI.No. 20	Rs./KL	52798.07	0.00	
2	Usage Quantity for the Month	KL	222.60	0.0	
3	Weighted average rate ((R1*Q1)+(R2*Q2)+(R3*Q3))/(Q1+Q2+Q3)	Rs./KL	52798.	07	
4	Weighted average GCV of Oil	Kcal/KL	9420.0	00	

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For C.K. PRUSTY & ASSOCIATES Chartered Accountants Firm Reg. No. 323220E

S SAHOO मुग्रमा जमा जिस का लोग हो। प्रित प्रताप्त का का लोग हो। प्र General Manage: (Fin)SSC एनटोपीसी लिमिटेड/सालचेर क NTPC Limited/Taicher Ka AJAY 2011

Name of the Company :

NTPC Limited

Name of the Power Station :

FORM 15 - OIL BONGAIGAON THERMAL POWER PROJECT

0.11	Month		Nov-1	8
S.No.	Particulars	Unit		
			LDO	HFO
			Col. 1	Col. 2
1	Opening Stock of Oil	KL	1883.90	0
0				
2	Value of Opening Stock	Rs.	99466284.64	0.0
0	0		0	0.0
3	Quantity of Oil supplied by Oil Company	KL	260.00	
4				
4	Adjustment (+/-) in quantity supplied by Oil Company	, KL	0.00	
5	Qty. of Oil supplied by Oil Company (3+4)	KL	260.00	
0				
6	Normative Transit & Handling Losses	KL	0.00	
7				
/	Net Oil Supplied(5-6)	KL	260.00	
0	Amount channel to the Oli o			
8	Amount charged by the Oil Company	Rs.	14525588.00	
10	Adjustment (+/-) in amount charged by Oil Company		0.00	
11	Total amount charged (8+9)	Rs.	14525588.00	
12	Transportation charges by rail/ship/road transport	Rs.		
12	Adjustment (+/-) in amount charged by	Rs.		
10	Railways/Transport Company.			0.0
13	Demurrage charges, if any	Rs.		0.0
14	Total Transportation Charges (11+/- 12 - 13)	Rs.	0.00	
15	Others	Rs.	0.00	0.0
16	Total amount charged for Oil supplied	Rs.	14525588.00	
	including Transportation (10+14+15)			
17	Weighted average GCV of Oil	Kcal/Ltr		
18	Quantity of Oil at the station for the month(1+7)	KL	2143.90	(
10				(
19	Total amount charged for Oil(2 + 16)	Rs.	113991872.64	C
				C
20	Landed cost of Oil (19/18)	Rs./ KL	53170.33	C
	0			C
21	Quantity of Oil consumed	KL	87.63	C
				C
22	Value of Oil consumed (20*21)	Rs.	4659316.11	0
				0
23	Closing Stock of Oil (18 - 21)	KL	2056.27	0
				0
24	Value of closing stock (19 - 22)	Rs.	109332556.53	0

Details of information in respect of fuel for computation of energy charges

Station : BONGAIGAON THERMAL POWER PROJECT

S.No.	Particulars	Unit	Nov-18	
			LDO	HFO
			Col.1	Col.2
1	Landed cost of Oil as at SI.No. 20	Rs./KL	53170.33	0.00
2	Usage Quantity for the Month	KL	87.63	0.00
	Weighted average rate			
3	((R1*Q1)+(R2*Q2)+(R3*Q3))/(Q1+Q2+Q3)	Rs./KL	53170.33	
4	Weighted average GCV of Oil	Kcal/Kl_	9417.00	

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For C.K. PRUSTY & ASSOCIATES Chartered Accountants Firm Reg. No. 323220E

CA C.K. PRUSTY, FCA

সভ AJA OC उप महाप्रबंधक (बिन) एस.एस.सी./ई Dy. General Magger (Fin)SSC/ एनटीपीसी सिभिटंड/तालचेर क NTPC Limited / Talcher Kar

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Name of the Company :

Name of the Power Station :

NTPC Limited

FORM 15 - OIL BONGAIGAON THERMAL POWER PROJECT

S.No	Month		Dec-1	8
	Particulars	Unit		
			LDO	HFO
1	Opening Stock of Oil		Col. 1	Col. 2
		KL	2056.27	0
2	Value of Opening Stock			
	opennig eleck	Rs.	109332556.53	0.
3	Quantity of Oil supplied by Oil Company		0	0.
	y an expense by on company	KL	820.00	
4	Adjustment (+/-) in quantity supplied by Oil Compar			
5	Qty. of Oil supplied by Oil Company (3+4)		0.00	
	price by on company (3+4)	KL	820.00	
6	Normative Transit & Handling Losses			
	Losses	KL	0.00	
7	Net Oil Supplied (5-6)			
		KL	820.00	
8	Amount charged by the Oil Company			
9	Adjustment (+/-) in amount charged, by Oil Company	Rs.	45601360	
10	Total amount charged (8+9)		0.00	
11	Transportation charges by rail/ship/road transport	Rs.	45601360.00	
12	Adjustment (+/-) in amount charged by	Rs.		
	Railways/Transport Company,	Rs.		
13	Demurrage charges, if any	Rs.		0.0
14	Total Transportation Charges (11+/- 12 - 13)	Rs.		0.0
15	Others	Rs.	0.00	
16	Total amount charged for Oil supplied	Rs.	0.00	0.0
	Including Transportation (10+14+15)	NS.	45601360.00	
17	Weighted average GCV of Oil	Koolillan		
		Kcal/Ltr		
18	Quantity of Oil at the station for the month(1+7)	KL		0
			2876.27	0
19	Total amount charged for Oil(2+16)	Rs.		0
		113.	154933916.53	0
20	Landed cost of Oil (19/18)	Rs./ KL		0
			53866.26	0
21 (Quantity of Oil consumed	KL		0
			84.80	0
22	/alue of Oil consumed (20*21)	Rs.	4507050	0
			4567859.11	0
3 (Closing Stock of Oil (18 - 21)	KL		0
			2791.47	0
4	/alue of closing stock (19 - 22)	Rs.		0
		113.	150366057.42	0

Details of information in respect of fuel for computation of energy charges

Station : BONGAIGAON THERMAL POWER PROJECT

S.No.	Particulars			
		Unit	Dec-18	
			LDO	HFO
1	Landed cost of Oil as at SI.No. 20		Col.1	Col.2
2	Usage Quantity for the Month	Rs./KL	53866.26	0.0
	Weighted average rate	KL	84.80	0.0
3	((R1*Q1)+(R2*Q2)+(R3*Q3))/(Q1+Q2+Q3)	Rs./KL		0
4	Weighted average GCV of Oil	Kcal/KL	53866.26	
		INCal/NL	9422.00	

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अजय सार AJAY SAH उप महाप्रबंधक (वित्त) एस.एस. Dy. General Manager (Fin एनटोपीसी सिमिटेड/ताल NTPC Limited / Taleh 2

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CA C.K. PRUSTY FOA

Chartered Accountants Firm Reg. No. 323220E

Computation of Exerx Charge Notice of the Company Notice of the Company <th colspan="6" com<="" notice="" of="" th="" the=""><th></th><th></th><th></th><th></th><th>•</th><th></th><th></th><th></th><th></th></th>	<th></th> <th></th> <th></th> <th></th> <th>•</th> <th></th> <th></th> <th></th> <th></th>										•				
Computation of Energy Charges NTPC Linkind Bungaiagon Thurmal power Station(3/3/201 MW) 2019-20 2019-20 2019-20 2019-20 2019-21 2019-21 2019-21 2019-21 2019-21 2019-21 2019-21 2019-21 2019-20 2019-20 2019-20 2019-20 2019-21 2019-20 2019-21 2019-21 2019-21 2019-21 2019-21 2019-21 2019-21 2019-20 2019-21	2								· · · · · · · · · · · · · · · · · · ·						
Computation of Energy Charges NTPC Limited 2019-30 201		2000.00	2000,00	2000.00	2000.00	Rs./MT	Lime Stone								
Computation of Energy Charges NPTC Limited No of Days in the year Days 200-21 2019-20 <th 2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2<="" colspa="2" td=""><td></td><td>9419.67</td><td>9420.00</td><td>9417.00</td><td>9422.00</td><td>kCal/L</td><td>Wtd. Avg. GCV of Secondary Fuel</td><td></td><td></td></th>	<td></td> <td>9419.67</td> <td>9420.00</td> <td>9417.00</td> <td>9422.00</td> <td>kCal/L</td> <td>Wtd. Avg. GCV of Secondary Fuel</td> <td></td> <td></td>		9419.67	9420.00	9417.00	9422.00	kCal/L	Wtd. Avg. GCV of Secondary Fuel							
		53278.22	52798.07	53170.33	53866.26	Rs/KL	Wtd. Avg. Price of Secondary Fuel								
$ \begin{array}{ $		4428.20		85 kcal/kg	adjustement of										
Computation of Energy Charges NTPC Limited No of Days in the year 2019-20 2010/20 2010/20 2010/20 2010/20 2010/20 2010/20 2010/20 2010/20		4513.20	4288.90	4599.10	4651.80										
Computation of Energy Charges NTPC Limited Bongsiagon Thermal power Station(33250 MW) 2019-20 2010-21 2000 2000 2000 2000 2000 2000 20000 20000 <th c<="" td=""><td></td><td>5446.02</td><td>5412.88</td><td>5472.80</td><td>5444.45</td><td>Rs./MT</td><td>Wtd. Avg. Price of Coal</td><td></td><td></td></th>	<td></td> <td>5446.02</td> <td>5412.88</td> <td>5472.80</td> <td>5444.45</td> <td>Rs./MT</td> <td>Wtd. Avg. Price of Coal</td> <td></td> <td></td>		5446.02	5412.88	5472.80	5444.45	Rs./MT	Wtd. Avg. Price of Coal							
Computation of Energy Charges NTPC Limited Bongaiagon Thermal power Station(3 \times 250 MW) Station(3 \times 250 MW) ation of Energy Charges 2019-20 <th 2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2<="" colspan="4" td=""><td>-</td><td>WHA A</td><td>letmonth</td><td>2-4</td><td>and month</td><td></td><td></td><td></td><td>bus (p/kWh)</td></th>	<td>-</td> <td>WHA A</td> <td>letmonth</td> <td>2-4</td> <td>and month</td> <td></td> <td></td> <td></td> <td>bus (p/kWh)</td>				-	WHA A	letmonth	2-4	and month				bus (p/kWh)		
Computation of Energy Charges NTPC Limited Bongaliagon Thermal power Station(3x250 MW) ation of Energy Charges 2019-20 2020-21 2019-20 3019-20 3019-20 3019-20 3019-20 301 301 3010 301 3010 301 301 301 301 301 301 301 301 301 301 301 3010	21	21129.93	21129.93	20472.00	20472.00	(Rs. Lakh)	Energy Expenses for 45 days		Date of Essence about a						
Computation of Energy Charges NTPC Limited Bongaiagon Thermal power Station(3x250 MW) Bongaiagon Thermal power Station(3x250 MW) Bongaiagon Thermal power Station(3x250 MW) Second Energy Charges No of Days in the year Days 2019-20 2020-21 2021-22 20 from mate = (Q _b), X P _s 2.664 Computation of Variable Charge (Gill) Power Xariable Charge (Gill) Power 2.3822 323.822 323.822 327.543 from (H _b) = (Q _b), X (GCV), 4.710 Price of fuel from Form-15/15A 2.927 2.927 2.921 <td></td> <td>731.03</td> <td>731.03</td> <td>0.00</td> <td>0.00</td> <td>(Rs. Lakh)</td> <td>Cost of lime stone for 50 days</td> <td>000.5</td> <td></td>		731.03	731.03	0.00	0.00	(Rs. Lakh)	Cost of lime stone for 50 days	000.5							
Computation of Energy Charges NTPC Limited Bongalagon Thermal power Station(3x250 MW) Sp. Clineous consumption Days 366 365 365 365 Sp. Clineous consumption % 9.00 0.5 366 365 366 Sp. Clineous consumption % 9.00 10.02 30.07.6 2.400.76 <td></td> <td></td> <td>247.94</td> <td>247.94</td> <td>248.62</td> <td>(Rs. Lakh)</td> <td>Cost of oil for 2 months</td> <td>0.657</td> <td></td>			247.94	247.94	248.62	(Rs. Lakh)	Cost of oil for 2 months	0.657							
Computation of Energy Charges NPC Limited Bongaiagon Thermal power Station(3x250 MW) 2019-20 2019-20 2020-21 2019-20 2020-21 20 ation of Energy Charges 2019-20 2020-21 2019-20 2020-21 2019-20 2020-21 20 form consumption mulkwh 2019-20 2020-21 20 form consumption mulkwh 2019-20 2000 2019-20 2000 305 305 305 305 305 306 305 305 305 306 2.400.76 2.400.76 2.400.76 2.400.76 2.400.76 2.400.76 2.400.76 2.400.76 2.400.76 2.400.76 2.400.76			22542.88	22542.88	22542.88	(Rs. Lakh)	Cost of coal for 45 Days	294.678	Rate of Energy charge from						
Computation of Energy Charges NTPC Limited Bongaiagon Thermal power Station(3x250 MW) Bongaiagon Thermal power Station(3x250 MW) ation of Energy Charges No of Days in the year Days 2019-20 2020-21 2021-22 20 from = (Q ₀), X P _n 2.664 Directon Sumption M/kwh 2.000-76 2.400.76 2.400.76 2.400.76 2.400.76 2.400.76 2.400.76 2.907 2.907 2.917 2.927 3.23.822 3.27.543 2.961 Variable Charge (Oil) p/kwh 2.327.543 2.961 Variable Charge (Oil) p/kwh 2.927 2.927 3.23.822 3.27.543 2.961 (H _y)_a = (O _B), X (GCV)_b 4.710 Total Cost [Rs,MT] 2.927 3.23.822 3.27.543 2.961 10.622 3.61.523 3.61.523 3.61.523 3.61.523 3.61.523 3.61.523 3.61.523 3.61.523 3.61.523 3.61.523 3.61.523 3.61.523 3.61.523 3.61.523 3.61.523 3.61.523 3.61.523 3.61.			688.24	696.150	696.150	(MUs)	ESO for 50 days								
Computation of Energy Charges NTPC Limited 2019-20 2020-21 2021-22 20 Bongaiagon Thermal power Station(3x250 MW) No of Days in the year Days 366 365 <t< td=""><td></td><td></td><td>5024 16</td><td>00 1805</td><td>dation of IWC: 5095 82</td><td>(MIIs)</td><td>Computation of Fuel Expens</td><td></td><td>Specific Primary Fuel Consumption</td></t<>			5024 16	00 1805	dation of IWC: 5095 82	(MIIs)	Computation of Fuel Expens		Specific Primary Fuel Consumption						
Computation of Energy Charges NTPC Limited 2019-20 2019-20 2020-21 2021-22 20 Bongaiagon Thermal power Station(3×250 MW) Solution (3×250 MW) <	.3			. •											
Computation of Energy Charges NTPC Limited Bongaiagon Thermal power Station(3x250 MW) Bongaiagon Thermal power Station(3x250 MW) Songaiagon Thermal power Station of Song Tonsumption Songaiagon Thermal Days Computation of Variable Charge (Coal) Ph/kwh 232.822 2400.76 2.400.76 2.907 2.927 2.927 2.927 2.927 2.927 2.927 2.921 2.927 2.927 2.921 2.921 2.927 2.9261 10.632 10.632 10.632 10.632 10.632 10.632 10.632 1		53278.22	53278.22	53278.22	53278.22	(Rs./KL)	Oil Cost	GHR- H							
Computation of Energy Charges NTPC Limited 2019-20 2020-21 2021-22 20 Bongaiagon Thermal power Station(3x250 MW) No of Days in the year Days 366 365 <t< td=""><td></td><td>5446.02</td><td>5446.02</td><td>5446.02</td><td>5446.02</td><td>(Rs./MT)</td><td>Coal Cost</td><td></td><td>1</td></t<>		5446.02	5446.02	5446.02	5446.02	(Rs./MT)	Coal Cost		1						
Computation of Energy Charges NTPC Limited No PC Limited Bongaiagon Thermal power Station($3x250$ MW) 2019-20 2020-21 2021-22 20 No of Days in the year Days 366 365 365 365 From ation of Energy Charges EC0, Computation of Variable Charges Computation of Variable Charges EC0, 2.664 Computation of Variable Charges Variable Charge (Coal) p/kwh 323.822 327.543 p/kwh 2.961 Variable Charge (Oil) p/kwh 2.927 2.961 P/kwh 326.750 341.126			-			5A	Price of fuel from Form-15/1								
Computation of Energy Charges NTPC Limited Bongaiagon Thermal power Station(3x250 MW) ation of Energy Charges No of Days in the year Days 366 365 366	u.	349.151	341.126	326.750	326.750	p/kwh	Total	(Qs), X (GCV),	Contribution from						
Computation of Energy Charges NTPC Limited No No No No No No No No No Sp. Oil consumption No Sp. Oil consumption No No Sp. Oil consumption No No Sp. Oil consumption Sp. Oil consumption No Sp. Oil consumption Sp. Oil consumption Sp. Oil consumption Sp. Dimetone Consumtion Kg/KWh 2,400.76 2,400.76 2,400.76 2,400.76 2,400.76 2,00478 EC)_b 2.664 Computation of Variable Charge (Coal) p/kwh 323.822 323.822 327.543 2.927 2.927 2.927 2.927 2.927 2.961		10.872	10.622	0.000	0.000	p/kwh	Variable Charge (Lime stone)								
Computation of Energy Charges NTPC Limited No 2019-20 2020-21 2021-22 20 Bongaiagon Thermal power Station($3x250$ MW) No Sp. 0il consumption Days 366 365 3		3.031	2.961	2.927	2.927	p/kwh	Variable Charge (Oil)		· · · · · · · · · · · · · · · · · · ·						
Computation of Energy Charges NTPC Limited Bongaiagon Thermal power Station($3x250$ MW) Bongaiagon Thermal power Station($3x250$ MW) ation of Energy Charges No of Days in the year Days 366 365 3		225 740	277 542	102 202	668 262	arges	Computation of Variable Ch Variable Charge (Coal)	2.004							
Computation of Energy Charges NTPC Limited Bongaiagon Thermal power Station(3x250 MW) 2019-20 2020-21 2021-22 20 ation of Energy Charges No of Days in the year Days 366 365 365 365 Sp. Oil consumption ml/kwh 0.5 0.5 0.5 0.5 0.5 from Heat Rate Kcal/Kwh 2.400.76 <td></td> <td>0.0478</td> <td>0.0478</td> <td></td> <td></td> <td>KQ/KWN</td> <td>Sp Lunetone Consumiton</td> <td></td> <td>Fuel Oil Alternate</td>		0.0478	0.0478			KQ/KWN	Sp Lunetone Consumiton		Fuel Oil Alternate						
Computation of Energy Charges NTPC Limited Bongaiagon Thermal power Station(3x250 MW) Bongaiagon Thermal power Station(3x250 MW) 2019-20 2020-21 2021-22 20 Image: Sp. Of Days in the year Days 366 365 365 365 Auxiliary consumption ml/kwh 0.5 0.5 0.5 0.5	1.5	2,400.76	2,400.76	2,400.76	2,400.76	Kcal/Kwh	Heat Rate		of Energy Charge from						
Computation of Energy Charges NTPC Limited Bongaiagon Thermal power Station(3x250 MW) 2019-20 2020-21 2021-22 20 ation of Energy Charges No of Days in the year Days 365 <		12.10	10.03	9.00	00.6	%	Auxiliary consumption		-						
Computation of Energy Charges NTPC Limited Bongaiagon Thermal power Station(3x250 MW) Bongaiagon Thermal power Station(3x250 MW) 2019-20 2020-21 2021-22 20 No of Days in the year Days 365 365 365		0.5	0.5	0.5	5.0	ml/kwh	Sp. Oil consumption	ry Charges	Computation of Ener						
Computation of Energy Charges NTPC Limited Bongaiagon Thermal power Station(3x250 MW) 2019-20 2020-21 2021-22 20		365	365	365	366	Days	No of Days in the year								
Computation of Energy Charges NTPC Limited Bongaiagon Thermal power Station(3x250 MW)	2023	2022-23	2021-22	2020-21	2019-20				· · · · · · · · · · · · · · · · · · ·						
Computation of Energy Charges NTPC Limited							power Station(3x250 MW)	Bongaiagon Thermal	Name of the Power Station						
								NTPC Limited	Name of the Company						
	IONAL For	ADDITI					Computation of Energy Charges	1.00							

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Name of the Petitioner Name of the Generating Station

NTPC Ltd Bongaiagon Thermal power Station(3x250 MW)

Statement of Capital cost

C NT-1	Deatl	A	is on relevant date	<u> </u>
S. No.	Particulars	Accrual Basis	Un-discharged Liabilities	Cash Basis
Α	a) Opening Gross Block Amount as per books	692117.9	39066.91	653050.99
	b) Amount of IDC in A(a) above	167003.67		1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -
	c) Amount of FC in A(a) above	0	· ·	
	d) Amount of FERV in A(a) above	21531.87		
	e) Amount of Hedging Cost in A(a) above	0		
	f) Amount of IEDC in A(a) above	64679.82		
в	a) Addition in Gross Block Amount during the period (Direct purchases)			
	b) Amount of IDC in B(a) above		-	
	c) Amount of FC in B(a) above			
	d) Amount of FERV in B(a) above	· · ·		
	e) Amount of Hedging Cost in B(a) above			
	f) Amount of IEDC in B(a) above			
С	a) Addition in Gross Block Amount during the period (Transferred from CWIP)			
	b) Amount of IDC in C(a) above			de la companya
	c) Amount of FC in C(a) above			
	d) Amount of FERV in C(a) above			
	e) Amount of Hedging Cost in C(a) above			
	f) Amount of IEDC in C(a) above			
. D	a) Deletion in Gross Block Amount during the period			· · · · · · · · · · · · · · · · · · ·
	b) Amount of IDC in D(a) above		· .	
	c) Amount of FC in D(a) above			
	d) Amount of FERV in D(a) above			
	e) Amount of Hedging Cost in D(a) above			•
	f) Amount of IEDC in D(a) above		-	
Е	a) Closing Gross Block Amount as per books			
	b) Amount of IDC in E(a) above			
	c) Amount of FC in E(a) above			
	d) Amount of FERV in E(a) above			
	e) Amount of Hedging Cost in E(a) above			
	f) Amount of IEDC in E(a) above			· · · · · · /

(Petitioner)

Name of the Petitioner Name of the Generating Station

NTPC Ltd Bongaiagon Thermal power Station(3x250 MW)

	Statement of C	Capital Woks in Pro	gress	(Amount in Rs. Lakh)
	· · · · · · · · · · · · · · · · · · ·		As on relevant date	(rmotar miler 2000)
S. No.	Particulars	Accrual Basis	Un-discharged Liabilities	Cash Basis
A ·	a) Opening CWIP as per books	105771.23	10895.06	94876.17
• •	b) Amount of IDC in A(a) above	31119.55		
	c) Amount of FC in A(a) above	0		
	d) Amount of FERV in A(a) above	3811.13		
	e) Amount of Hedging Cost in A(a) above	0		and a star for a
•	f) Amount of IEDC in A(a) above	6777.05		
	E)Amount of construction store in A(a) above	4399.76		
В	a) Addition in CWIP during the period			
	b) Amount of IDC in B(a) above			
	c) Amount of FC in B(a) above			-
	d) Amount of FERV in B(a) above			
	e) Amount of Hedging Cost in B(a) above			
	f) Amount of IEDC in B(a) above			
Ç	a) Transferred to Gross Block Amount during the period			
	b) Amount of IDC in C(a) above			
	c) Amount of FC in C(a) above			
·	d) Amount of FERV in C(a) above			
	e) Amount of Hedging Cost in C(a) above			
•	f) Amount of IEDC in C(a) above			
D	a) Deletion in CWIP during the period			
	b) Amount of IDC in D(a) above			
	c) Amount of FC in D(a) above			
	d) Amount of FERV in D(a) above			
	e) Amount of Hedging Cost in D(a) above			
	f) Amount of IEDC in D(a) above			
E	a) Closing CWIP as per books			
	b) Amount of IDC in E(a) above	· · · ·		
· · ·	c) Amount of FC in E(a) above			
	d) Amount of FERV in E(a) above			
	e) Amount of Hedging Cost in E(a) above			
	f) Amount of IEDC in E(a) above			

(Petitioner)

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					•		PART-I
							FORM-N
	Cal	culation of Int	Calculation of Interest on Normative Loan	<u>ative Loan</u>	•		· · ·
Name of	Name of the Company :	NTPC Limited					
Name of	ion :	Bongaiagon The	Bongaiagon Thermal power Station(3x250 MW)	on(3x250 MW)			
						(Amour	(Amount in Rs Lakh)
S. No.	Particulars	Existing 2018-10	2019-20	2020-21	2021-22	2022-23	2023-24
-	2		4	v	e	7	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
1	Gross Normative loan - Opening	439,102.31	439,109.77	443,071.77	449,133.77	479,597.77	509,424.77
7	Cumulative repayment of Normative loan up to previous year	49,234.76	49,459.81	81,218.98	113,339.01	146,774.01	182,379.53
3	Net Normative loan – Opening	389,867.55	389,649.96	361,852.79	335,794.76	332,823.76	327,045.24
4	Add: Increase due to addition during the year / period	7.46	3,962.00	6,062.00	30,464.00	29,827.00	1,750.00
2	Less: Decrease due to de-capitalisation during the year / period	00.00	00.0	0.00	0.00	0.00	0.00
Q	Less: Decrease due to reversal during the year / period						
٢	Add: Increase due to discharges during the year / period	00.00	0.00	0.00	0.00	0.00	0.00
8	Less: Repayment of Loan	519.72	31,759.17	32,120.04	33,435.00	35,605.52	36,742.31
6	Net Normative Ioan - Closing	389,649.96	361,852.79	335,794.76	332,823.76	327,045.24	292,052.93
10	Average Normative loan	389,906.09	375,751.38	348,823.78	334,309.26	329,934.50	309,549.09
11	Weighted average rate of interest	7.843	7.9443	7.9375	7.9326	7.9697	7.9652
12	Interest on Loan	30579.67	29850.91	27687.88	26519.55	26294.83	24656.32
				. •		t	-
		• _					2 hile w
							(Datitionar)

				• : •			FORM- O
,	Calc	Calculation of Interest on Working Capital	terest on W	<u>orking Capi</u>	ital	· · · · ·	
Name	Name of the Company :	NTPC Limited	q				
Name	Name of the Power Station :	Bongaiagon Thermal power Station(3x250 MW)	hermal powe	r Station(3x2:	50 MW)		
						(Amount	(Amount in Rs Lakh)
S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
J.	2	3	4	ŝ	9	7	8
1	Cost of Coal/Lignite	26,508.62	22542.88	22542.88	22542.88	22542.88	22542.88
- 1	Cost of Main Secondary Fuel Oil	239.81	248.62	247.94	247.94	247.94	248.62
2a	Cost of Lime stone		00.0	0.00	731.03	731.03	731.03
ŝ	Fuel Cost						
4	Liquid Fuel Stock	-					
5	O & M Expenses	1,906.88	2574.01	2669.16	2767.14	2870.06	2975.89
è.	Maintenance Spares	4,576.50	6177.62	6405.98	6641.14	6888.14	7142.13
7	Receivables	48,792.90	37229.04	37248.35	38356.50	39063.54	39275.97
8	Total Working Capital	82024.70	68772.17	69114.32	71286.64	72343.60	72916.53
6.	Rate of Interest	12.2000	12.0500	12.0500	12.0500	12.0500	12.0500
10	Interest on Working Capital	10007.01	8287.05	8328.28	8590.04	8717.40	8786.44
			· · · · · · · · · · · · · · · · · · ·				1 X V. L. L.
							A mar Com

Petitioner

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Statement of Liability Flow

Name of the Company :

NTPC Ltd

Name of the Power Station :

Bongaiagon Thermal power Station(3x250 MW)

Liability against Gross Block & CWIP as on COD of Unit #3 26.03.2019

Amount in Rs

PART 1 FORM-S

Petitioner

	Description	Liability related to Gross Block upto Unit-3	Liability related to CWIP	Total Liability
1	S Cred - Domestic	- 29,716,575	44,746,422.75	15,029,848.07
2	Sundry Cred-Foreign	-	- 32,099.70 -	32,099.70
3	Retention Payment	455,004,322	152,311,482.28	607,315,804.62
4	LD Retention Payment	7,535,955	2,782,530.00	10,318,484.60
5	Contractors Control A/c -Indigenous (Capex)	108,169,825	- 30,865,786.73	77,304,038.51
6	Creditors-Forgn-Cape	-	11,757.00	11,757.00
7	Trial Operation libaility - Capex	691,004,618	118,309,885.40	809,314,503.45
8	PG Test Liability- Capex	1,253,977,188	218,898,087.58	1,472,875,275.77
9	Sundry Creditors-PVC (Capex)	127,599,268	100,659,406.00	228,258,674.00
10	Dispatch payment Liability- Capex	715,757	23,887.06	739,643.62
11	Receipt Payment Liability-Capex	6,355,352	2,188,206.54	8,543,558.31
12	Security Deposit-Cash	589,933,313	125,440,448.98	715,373,761.68
13	Stale Cheques-CAPEX			
14	Contractors Control A/c (Capex)	25,734,868	55,979,354.00	81,714,222.0
15	Provision for R&R/ Environmental Aspects	107,125,857		107,125,857.24
16	Provision for Arbitration Cases	358,412,542		358,412,541.6
17	Prov for R&R/ Envir Aspects & ot- relating to proje	99,000,000		99,000,000.0
18	GR/ IR Clearing- CAPEX	25,160,816	12,205,197.70	37,366,013.2
19	SR/ IR Clearing- CAPEX	79,250,495	175,898,958.19	255,149,453.2
20	Freight Clg/Prov Frght-O&M	1,318,490	943.68	1,319,433.2
21	Freight Clg/Prov Frght-Capex	109,403	2,439,126.01	2,548,529.3
	<u> </u>	3,906,691,493	980,997,806.74	4,887,689,299.90

ame of (the Company :	NTPC Limited				
	the Power Station :	Bongaiagon Therma	al power Station	(3x250 MW)		
1	Petitioner:	NTPC Limited	<u>a tea a</u>	- 14 <u>- 1</u>		
		Petition Under Sect Chapter-V of the C	entral Electricit	y Regulatory	Commission (Conduct of
2	Subject	Business) Regulation Regulatory Commi				
		approval of tariff o				
		period from 01.04.2				
	i) Approve tariff of E to 31.03.2024.	l Bongaigaon Therma	l Power Statio	n (3X250 M)	V) for the tari	ff period 01.04.20
	 ii) Allow the recover expenses from the be iii) Allow reimburser 	neficiaries.				
	net basis.	•		5		
3	iv) Consider station h v) Allow additional A vi) Allow the expend	APC of 3,1016% and	additional O&	M expenses	for FGD.	
. :	above account. vii) Relaxation in cut viii) Pass any other o	off date for installa rder as it may deem	tion of FGD. fit in the circu	mstances me	entioned above	2.
· · ·			<u>. 1917</u>	100		
4	Respondents		:	· · ·		
	Name of Réspondent	s	· .			
		and a spin of the state			n Company Lte	1
	i		Guwahati -	ran, Paltan B 782 001	azar,	
	· · · · ·		Meghalaya E	nergy Corpo	ration Ltd	· · · · · · · · · · · · · · · · · · ·
	2	1.	Short Round	Road,		-
		-	Shillong - 79	93 001		
			Department			
	3	3	Itanagar	t of Arunach	allidaesn	
		÷				
		· ·	Power and E	lectricity Dep	partment	
	4	£ .	Govt. of Miz Aizawal 79			
· ·		5	Manipur Sta Bazar, Keish Imphal 7950	ampat	tribution Comj	pany Ltd. Khwai
1			Department			
		6	Govt of Nag Kohima	galand.		
			Tripura State	Electricity	orporation Lir	nited
			Bidyut Bhav	van,		
		7	North Bana Agartala – 7		· · ·	
5	Project Scope Cost	· · ·				· · · · · · · · · · · · · · · · · · ·
	Commissioning			26.03.2019		
	Claim			anot	0000.00	0033.04
	AFCRs Lakhs	2019-20 136290.52	2020-21 136074.83	2021-22 139129.09	2022-23	2023-24 146971.93
	Capital	100270.32	1300/9.03	100147.07	131000077	
	cost(Opening) Rs Lakhs	627299.67	632959.67	641619.67	685139.67	727749.67
	Initial spare NAPAF (Gen)			85%		
	Any Specific	Relaxation in HR	and relaxation	in operatin FGD.	g parameters d	ue to installation
					×	
			2	· ·	·	
	.1	1		· •		PETITION
					•	······

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रजिस्ट्री सं० डी० एल०-33004/99

REGD, NO. D. L.-33004/99



असाधारण EXTRAORDINARY भाग II—खण्ड 3—उप-खण्ड (ii) PART II—Section 3—Sub-section (ii) प्राधिकार से प्रकाशित PUBLISHED BY AUTHORITY

सं. 2620] नई दिल्ली, मंगलवार, दिसम्बर 8, 2015/अग्रहायण 17, 1937 No. 2620] NEW DELHI, TUESDAY, DECEMBER 8, 2015/AGRAHAYANA 17, 1937

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

अधिसूचना

नई दिल्ली, 7 दिसम्बर, 2015

का.आ. 3305(अ).— केंद्रीय सरकार, पर्यावरण (संरक्षण) अधिनियम, 1986 (1986 का 29) की धारा 6 और धारा 25 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए पर्यावरण (संरक्षण) नियम, 1986 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात् :—

1.(1) इन नियमों का संक्षिप्त नाम पर्यावरण (संरक्षण) संशोधन नियम, 2015 है।

(2) ये उनके राजपत्र में प्रकाशन की तारीख को प्रवृत्त होंगे।

2. पर्यावरण (संरक्षण) नियम, 1986 की अनुसूची 1 में,—

(क) क्रम सं. 5 और उससे संबंधित प्रविष्टियों के स्थान पर निम्नलिखित क्रम सं. और प्रविष्टियां अंत:स्थापित की जाएंगी, अर्थात् :---

क्रम सं.	उद्योग	मापदंड	मानक
1	2	3	4
<u>5</u> क	ताप विद्युत संयंत्र (जल उपभोग सीमा)	जल उपभोग	 एक बार शीतलन (ओटीसी) के माध्यम से सभी संयंत्र शीतलन टावरों (सीटी) को प्रतिष्ठापित करेंगे और अधिसूचना की तारीख से दो वर्ष की अवधि के भीतर अधिकतम 3.5m³/MWh के विनिर्दिष्ट जल उपभोग को हासिल करेंगे।

5113 GI/2015

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THE GAZETTE OF INDIA: EXTRAORDINARY

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[PART II--SEC. 3(ii)]

	11.	सभी विद्यमान सीटी-आधारित संयंत्र
		3.5m³/MWh इस अधिसूचना के प्रकाशन की
		तारीख से दो वर्ष के भीतर अधिकतम
		3.5m³/MWh तक के विनिर्दिष्ट जल उपभोग को
2		कम करेंगे ।
	111.	जनवरी, 2017 के पश्चात् प्रतिष्ठापित किए जाने
		वाले नए संयंत्र अधिकतम 2.5 m³/MWh तक के
		विनिदिष्ट जल उपभोग को पूरा करेंगे और शून्य
		जल दुर्व्यय को हासिल करेंगे ।

(ख) क्रम सं. 25 और उससे संबंधित प्रविष्टियों के पश्चात् निम्नलिखित क्रम सं. और प्रविष्टियां रखी जाएंगी, अर्थात् :—

क्रम सं.	उद्योग	मापदंड	मानक
1	2	3	4
		विवक्त पदार्थ	100 mg/Nm ³
		सल्फर डायोक्साइड(SO ₂)	600 mg/Nm³ (500 मेगावाट से कम क्षमता की
			इकाईयों से लघु इकाईयां)
			200 mg/Nm³ (500 मेगावाट और उससे अधिक
			क्षमता की इकाईयां)
		नाइट्रोजन के आक्साइड (NOx)	300 mg/Nm ³
		पारा (Hg)	0.03 mg/Nm³ (500 मेगावाट और उससे अधिक
			क्षमता की इकाईयां)
		1 जनवरी, 2003 के पश्चा	र् 31 दिसंबर, 2016' तक प्रतिष्ठापित टीपीपी (इकाईयां)
		विवक्त पदार्थ	50 mg/Nm ³
		सल्फर डायोक्साइड (SO ₂)	600 mg/Nm³ (500 मेगावाट से कम क्षमता की
			इकाईयों से लघु इकाईयां)
- - -			200 mg/Nm³ (500 मेगावाट और उससे अधिक
			क्षमता की इकाईयां)
		नाइट्रोजन के आक्साइड	300 mg/Nm ³
		(NOx)	
		पारा (Hg)	0.03 mg/Nm ³
			'' से प्रतिष्ठापित टीपीपी (इकाईयां)
		विवक्त पदार्थ	30 mg/Nm ³
		सल्फर डायोक्साइड (SO ₂)	100 mg/Nm ³
		नाइट्रोजन के आक्साइड	100 mg/Nm³

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[PART II—SEC. 3(ii)]

	11.	सभी विद्यमान सीटी-आधारित संयंत्र
		3.5m³/MWh इस अधिसूचना के प्रकाशन की
		तारीख से दो वर्ष के भीतर अधिकतम
		3.5m³/MWh तक के विनिर्दिष्ट जल उपभोग को
		कम करेंगे ।
	111.	जनवरी, 2017 के पश्चात् प्रतिष्ठापित किए जाने
		वाले नुए संयंत्र अधिकतम 2.5 m³/MWh तक के
		विनिदिष्ट जल उपभोग को पूरा करेंगे और शून्य
		जल दुर्व्यय को हासिल करेंगे ।

(ख) क्रम सं. 25 और उससे संबंधित प्रविष्टियों के पश्चात् निम्नलिखित क्रम सं. और प्रविष्टियां रखी जाएंगी, अर्थात् :—

क्रम सं.	उद्योग	मापदंड	मानक
1	2	3	4
		विवक्त पदार्थ	100 mg/Nm ³
		सल्फर डायोक्साइड(SO ₂)	600 mg/Nm³ (500 मेगावाट से कम क्षमता की
			इकाईयों से लघु इकाईयां)
			200 mg/Nm³ (500 मेगावाट और उससे अधिक
		·	क्षमता की इकाईयां)
		नाइट्रोजन के आक्साइड	300 mg/Nm ³
		(NOx)	
		पारा (Hg)	0.03 mg/Nm³ (500 मेगावाट और उससे अधिक
			क्षमता की इकाईयां)
		1 जनवरी, 2003 के पश्चार	त् 31 दिसंबर, 2016' तक प्रतिष्ठापित टीपीपी (इकाईयां)
		विवक्त पदार्थ	50 mg/Nm ³
		सल्फर डायोक्साइड (SO ₂)	600 mg/Nm³ (500 मेगावाट से कम क्षमता की
			इकाईयों से लघु इकाईयां)
			200 mg/Nm³ (500 मेगावाट और उससे अधिक
			क्षमता की इकाईयां)
		नाइट्रोजन के आक्साइड	300 mg/Nm ³
		(NOx)	
		पारा (Hg)	0.03 mg/Nm ³
			7'' से प्रतिष्ठापित टीपीपी (इकाईयां)
		विवक्त पदार्थ	30 mg/Nm ³
		सल्फर डायोक्साइड (SO ₂)	100 mg/Nm ³
. 		नाइट्रोजन के आक्साइड	100 mg/Nm ³

(NOx)	
पारा (Hg)	0.03 mg/Nm ³

* टीपीपी (इकाईयां) इस अधिसूचना के प्रकाशन की तारीख से दो वर्ष के भीतर परिसीमाओं को पूरा करेंगी । ** इसके अंतर्गत सभी टीपीपी (इकाईयां) हैं, जिन्हें पर्यावरणीय निकासी प्रदान की गई है और संनिर्माण के अधीन है । [फा. सं. क्यू-15017/40/2007-सीपीडब्ल्यू]

डा. राशिद हसन, सलाहकार

3

टिप्पण :- मूल नियम भारत के राजपत्र, असाधारण, भाग ा, खंड 3, उपखंड (ii) में सं. का.आ. 844(अ) 19 नवंबर, 1986 द्वारा प्रकाशित किए गए थे और उनका पश्चातवर्ती का.आ. 433(अ) तारीख 18 अप्रैल, 1987 ; सा.का.नि 176(अ) तारीख 2 अप्रैल, 1996; सा.का.नि. 97 (अ), तारीख 18 फ़रवरी, 2009 ; सा.का.नि 149(अ) तारीख 4 मार्च, 2009 ; सा.का.नि. 543(अ) तारीख 22 जुलाई, 2009 ; सा.का.नि. 739(अ) तारीख 9 सितम्बर, 2010 ; सा.का.नि. 809(अ) तारीख 4 अक्टूबर, 2010, सा.का.नि. 215(अ) तारीख 15 मार्च, 2011 ; सा.का.नि. 221(अ) तारीख 18 मार्च, 2011 ; सा.का.नि. 354(अ) तारीख 2 मई, 2011 ; सा.का.नि. 424(अ) तारीख 1 जून, 2011 ; सा.का.नि. 446(अ) तारीख 13 जून, 2011 ; सा.का.नि. 152(अ) तारीख 16 मार्च, 2012 ; सा.का.नि. 266(अ) तारीख 30 मार्च, 2012 ; सा.का.नि. 277(अ) तारीख 31 मार्च, 2012; सा.का.नि. 820(अ) तारीख 9 नवम्बर, 2012 ; सा.का.नि. 176(अ) तारीख 18 मार्च, 2013 ; सा.का.नि. 535(अ) तारीख 7 अगस्त, 2013 ; सा.का.नि. 771(अ) तारीख 11 दिसम्बर, 2013 ; सा.का.नि. 2(अ) तारीख 2 जनवरी, 2014 ; सा.का.नि. 229(अ) तारीख 28 मार्च, 2014 ; सा.का.नि. 232(अ) तारीख 31 मार्च, 2014 ; सा.का.नि. 325(अ) तारीख 7 मई, 2014, सा.का.नि. 612(अ) तारीख 25 अगस्त, 2014 और अन्तिम संशोधन सा.का.नि. 789(अ) तारीख 11 नवम्बर, 2014 किया गया था।

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE NOTIFICATION

New Delhi, the 7th December, 2015

S.O. 3305(E).— In exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely:–

1. (1) These rules may be called the Environment (Protection) Amendment Rules, 2015.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Environment (Protection) Rules, 1986, in Schedule - I, -

(a) after serial number 5 and entries relating thereto, the following serial number and entries shall be inserted, namely:-

Sr. No.	Industry	Parameter	Standards
1	2	3	4
"5A.	Thermal Power	Water	I. All plants with Once Through Cooling (OTC)
	Plant (Water	consumption	shall install Cooling Tower (CT) and
	consumption limit)		achieve specific water consumption upto
			maximum of 3.5m ³ /MWh within a period

		ł – – – – – – – – – – – – – – – – – – –	of two years from the date of publication
		· · ·	of two years from the date of publication
			of this notification.
		<u> </u> П.	All existing CT-based plants reduce specific
]			water consumption upto maximum of
			3.5m ³ /MWh within a period of two years from
			the date of publication of this notification.
1		III.	New plants to be installed after 1 st January,
			2017 shall have to meet specific water
			consumption upto maximum of 2.5 m ³ /MWh
	· · · · · · · · · · · · · · · · · · ·		and achieve zero waste water discharged";

(b) for serial number 25, and the entries related thereto, the following serial number and entries shall be substituted, namely:-

Sr. No.	Industry	Parameter	Standards	
1	2	3	4	
"25.	Thermal	TPPs (units) installed before 31 st December, 2003*		
	Power Plant	Particulate Matter	100 mg/Nm ³	
		Sulphur Dioxide (SO ₂)	600 mg/Nm³ (Units Smaller than 500MW capacity units)	
			200 mg/Nm³ (for units having capacity of 500MW and above)	
		Oxides of Nitrogen (NOx)	600 mg/Nm ³	
		Mercury (Hg)	0.03 mg/Nm³(for units having capacity of 500MW and above)	
		TPPs (units) installed after 1 st January,2003, upto 31 st December, 2016*		
		Particulate Matter	50 mg/Nm ³	
		Sulphur Dioxide (SO ₂)	600 mg/Nm³ (Units Smaller than 500MW capacity units)	
			200 mg/Nm³ (for units having capacity of 500MW and above)	
		Oxides of Nitrogen (NOx)	300 mg/Nm ³	
		Mercury (Hg)	0.03 mg/Nm ³	
		TPPs (units) to be installed from 1 st January, 2017**		
		Particulate Matter	30 mg/Nm ³	
		Sulphur Dioxide (SO ₂)	100 mg/Nm ³	
		Oxides of Nitrogen (NOx)	100 mg/Nm ³	
		Mercury (Hg)	0.03 mg/Nm ³	

*TPPs (units) shall meet the limits within two years from date of publication of this notification.

**Includes all the TPPs (units) which have been accorded environmental clearance and are under construction".

[F. No. Q-15017/40/2007-CPW] Dr. RASHID HASAN, Advisor

DI. KASHID HASAN, Auvis

Note: - The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i) *vide* number S.O. 844(E), dated the 19th November, 1986 and subsequently amended *vide* the following notifications:—

S.O. 433(E), dated 18th April 1987; G.S.R. 176(E) dated 2nd April, 1996; G.S.R. 97(E), dated the 18th February, 2009; G.S.R. 149(E), dated the 4th March , 2009; G.S.R. 543(E), dated 22nd July, 2009; G.S.R. 739(E), dated the 9th September, 2010; G.S.R. 809(E), dated, the 4th October, 2010, G.S.R. 215(E), dated the 15th March, 2011; G.S.R. 221(E), dated the 18th March, 2011; G.S.R. 354(E), dated the 2nd May, 2011; G.S.R. 424(E), dated the 1st June, 2011; G.S.R. 446(E), dated the 13th June, 2011; G.S.R. 152(E), dated the 16th March, 2012; G.S.R. 266(E), dated the 30th March, 2012; and G.S.R. 277(E), dated the 31st March, 2012; G.S.R. 820(E), dated the 9th November, 2012; G.S.R. 176(E), dated the 18th March, 2013; G.S.R. 535(E), dated the 7th August, 2013; G.S.R. 771(E), dated the 11th December, 2013; G.S.R. 2(E), dated the 2nd January, 2014; G.S.R. 325(E), dated the 07th May, 2014, G.S.R. 612,(E), dated the 25th August, 2014 and lastly amended vide notification G.S.R. 789(E), dated 11th November, 2014.

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No. 10/1/2018-S. Th. Covernment of ludia Ministry of Power Star

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Shram Shuidi Dhuwani Hali Marg New Doihi dated 22.04.2019

OFFICE MEMORANDUM

Sub,- Phasing Plan for Implementation of New Environmental Norms for Bongaigaon and Bakreswar TPS, WBPDCL - reg.

The undersigned is directed to refer to the phasing pain for implementation of new environment norms submitted vide Ministry of Power letter No. (10-1/2017 TPC dated 13:10:2017 to MoEF&CC, as Linalised by CEA in consultation with stakeholders.

2. NTPC vide letter dated 05.09 2018 and 18.03 2010 (huplds enclosed) has informed as follows

As the FGD plant of Bongaigaon was already availed along with Boilor package in 2008 and was under implemontation in 2017, the same was not included in the list earlier given to MoP for seeking relavation in time line for implementation of EGD to meet not renvironmental norms.

 Bongaigaon- Unit-1 & 2 of NTPC Ltd are con-masslored and under commercial operation and Unit-3 is also ready and explored to be operational during Q3 of FY19.

At the time of grant of environment clearance, there were bullemission norms for SOx and the main objective of MORF now emission norms regarding FGD was to maintain the ambient air quality. The wet lime stone based FGD technology vias not available in India then, and this was the first FGD plant excepted to be commissioned in India. Therefore, the EPC contractor, BHEL had to make a technical to-up with Mis Ducan of USA for FGD plant. However due to difficulty faced during project execution, many contractors including M/s Ducon left that site since them and there has been dolay in completion of EGD work. The new environmental norms for SOx are more stringent for what Bongaigaon FGD was designed and shall life of many supplied equipment has expired hence NTPC has informed that it we take additional time for commissioning of FGD units.

NTPC has informed that the ambient an quality at Bengaignoe Therma. Power Project is presently being maintained well below the presended amb ent air quality norms primarily due to use of low Sulphin FCL/CCT coat

North: Eastern Regional Power Committee (NERPO) vide its fatter dated 22.02 2019 has agreed the todative dates be planned stratucion of Borgaigaon TPS for implementation of EGD as below.

2010		and the second
ti.	Unit#1	Dec. 2024
	Unit#2	' Sept 2022
-	1101#3	Dec. 2022

It is seen that NTPC's Bongaigaon TPP (3X250 MN/5 is not 'affected' in the units monitored by Hon Supreme Court, as the unit capacity is less than 500 MW and its not located in areas either critically polluted or having population donsity > 400/ km2.

 NTPC has requested MoP/MoEF&CC for extending the implementation plan for FGD system at NTPC. Bongaigaon (3x250 MW) for its all 03 units till Dec. 2022 and direct CPCB to withdraw the closure notice issued to Bongaigaon TPP.

For Bakreswar TPS (5x210 MW) of WBPDCL. CEA vide letter dated.
 14.03.2019 (copy enclosed) has informed as follows.

Earlier during preparation of phasing plan for implementation of new Environmental Norms, Bakreswar TPS (5x210 MW) of WBPDCL has informed Eastern Region Power Committee (ERPC) that its units were compliant to new Environmental Norms.

 Accordingly, these units were not included in the phasing plan prepared by CEA.

III. Later after carrying out suitable studies Bakreswar TPS wants to augment ESPs/Install FGDs at its units to meet the new environmental norms.

IV. On being approached by WBPDCL for inclusion or these units under phasing plan, ERPC vide letter dated 7.3.2019 (copy enclosed) has recommended inclusion of Bakreswar TPS in phasing plan for implementation of new Environmental Norms. The following phasing plan has been agreed upon by ERPC.

a. FGD phasing plan U-1 to 5 - 30.06.2022

 ESP Phasing Plan for the Units No. 4 & 5 – 31 12 2020. As per WBPDCI. U-1 to 3 are meeting the PM norms

5 It is seen that both NTPC's Bongaigrich (3X250 MW) Bakreswar TPS (3×210 MW) of WBPDCI, is not 'affected' in the 105 units monitored by Hon Supreme Court, as the unit capacity is less than 500 MW and is not located in areas either critically polluted or having population density > 400/ km²

6 MoEF&CC is requested to consider inclusion of following timelines in respect of these units in the phasing plan:

Bakroshwar TPS (6x210 MW):

- a. FGD pliasing plan U-1 to 5 20.06.2022.
- b. ESP Phasing Plan for the Units No. 4 & 5 31, 12.2020. As per-WBPDCL U-1 to 3 are moeting the PM norms.

NTPC Bongalgaon (3x250MW) FGD phasing plan: 30.12.2022 for its all 03 units

7 This issues with the approval of Secietary (Power).

Enclosed: us stated

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(S, Majumdar) Under Secretary to the Govt, of India Tel: 2335 6938

Ministry of Environment, Forest & Climate Change, (Sh) C (K Mishra, Secretary) Indira Paryayaran Bhawan, Jor Bagh Road, New Dellii.

POLICY OF MINISTRY OF POWER

FOR

BIOMASS UTILIZATION FOR POWER GENERATION

THROUGH CO- FIRING IN PULVERIZED COAL

FIRED BOILERS

Biomass Utilisation for Power Generation through Co-firing in Coal Based Power Plants

1. Introduction

Stubble burning has been cited as a major cause of recent smog in north-west India. Stubble burning is deliberate setting fire of the straw stubble that remains after harvesting of paddy and other crops. During the months of October and November of each year, farmers in north-west India burn an estimated 30-40 million tonnes of crop waste from their paddy fields after harvesting. The primary reasons for stubble burning are; (a) reduce the cost of clearing the field for next crop, (b) reduce the turnaround time between harvesting and sowing for next (winter) crop and (c) lack of other alternatives, viz. availability of appropriate agricultural implements, viz., implements to take out the stubble and "Happy Seeders" for zero tilling sowing etc.

1.1. Various options for safely disposing such bio-mass are (i) setting up power plants exclusively based on bio-mass, (ii) co-firing of pellets made out of bio-mass in the coal based thermal plants, (iii) *in-situ* in-corporation of bio-mass into the soil using appropriate agricultural implements or composting and (iv) manufacturing of various products such as Ethanol, Bio CNG and Board etc,

2. Biomass co-firing in coal based power plants

The estimated 30-40 million metric tonnes of paddy straw that remains un-utilised and burnt in north-west India has potential to generate about 6000-8000 MW and 45000 million units of electricity annually, by co-firing it along with coal in existing coal fired power plants. Biomass co-firing has a potential to create a market for large scale consumption of agro residue and convert it into electricity in eco-friendly and cost effective manner while mitigating problem of air quality deterioration. Market mechanism for agro residue utilisation will also enable additional income to farmers.

2.1 The existing power plant infrastructure cannot directly use raw agro residue bio-mass in a pulverised coal fired type boiler and it is required to be processed into dense bio-mass in the form of pellets. The densification of biomass in the form of pellets also reduces its transportation cost, which is a major component in overall fuel price. Promoting agro-residue processing capacity into pellets for power sector shall also create employment opportunities and develop entrepreneurship.

2.2 Biomass co-firing is a well proven technology. With increasing environmental awareness, power plants all over the world has adopted, biomass co-firing as a strategy to combat pollution. According to open source data, 230 plants across globe, majority located in European and American countries, have experience of biomass co-firing. UNFCC recognizes biomass co-firing as a carbon neutral technology for mitigation of carbon emission from coal based power plants.

3. Status of Biomass co-firing in India

NTPC has successfully demonstrated the co-firing of 7% blend of biomass pellets with coal in its Dadri power plant. This can be replicated in other coal fired power plants too. The blend of coal and pellets can safely be pulverized in power plants having bowl mills/vertical roller mills/beater mills. However, this method is not suitable for power plant having ball and tube type of mills due to higher risk of fire hazard. Approximately, 2.5 to 3.0 lakh tonnes of Biomass pellets are required for 7% blending in a thermal power plant of 1000MW capacity.

4. Benefits of using biomass pellets co-firing in Coal based power plants

- a) Eliminate/minimize burning of agro-residue and create economic value of agro residue by promoting its use as fuel in power plants in co-firing mode.
- b) Improve the air quality index while creating additional income for farmers.
- c) Encourage the establishment of decentralised pellets manufacturing units and generate employment opportunities.

5. <u>Biomass Utilisation for Power Generation through Co-firing in Coal based</u> power plants.

Therefore, in order to promote use of the bio-mass pellets, all the Power plants/Utilities are hereby advised as follows:

- a) All fluidised bed and pulverised coal units(coal based thermal power plants) except those having ball and tube mill, of power generation utilities, public or private, located in India, shall endeavour to use 5-10% blend of biomass pellets made, primarily, of agro residue along with coal after assessing the technical feasibility, viz. safety aspects etc.
- b) CEA shall develop/issue Specifications for the pellets. CEA will also provide technical assistance/advise to Utilities on how to use bio-mass pellets for blending with coal in coal based thermal power plants.
- c) The Appropriate Commission will determine the compensation (for plants other than those whose Tariff has been already determined under section 62 of Electricity Act) to be allowed in tariff for increase in cost of generation on account of using bio-mass pallets, viz., cost of pellets, increase in auxiliary power consumption (APC) and plant heat rate (HR) etc. Increase in cost of generation will not be taken into account for the purpose of merit order for despatch of electricity. The Appropriate Commission shall devise a suitable mechanism to ensure the use of biomass as per (a) above.

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Innexure -B

REGD. NO. D. L.-33004/99

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R The Gazette of India

असाधारण EXTRAORDINARY भाग II—खण्ड 3—उप-खण्ड (ii) PART II—Section 3—Sub-section (ii) प्राधिकार से प्रकाशित PUBLISHED BY AUTHORITY सं. 2251 नई दिल्ली, बुधवार, जनवरी 27, 2016/माघ 7, 1937 NEW DELHI, WEDNESDAY, JANUARY 27, 2016/ MAGHA 7, 1937 No. 225]

> पर्यावरण, वन और जलवायु परिवर्तन मत्रालय अधिसूचना नई दिल्ली, 25 जनवरी, 2016

का.आ. 254(अ).—भारत सरकार, पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय की अधिसूचना सं. का.आ. 763(अ), तारीख 14 सितंबर, 1999 (जिसे इसमें इसके पश्चात् उक्त अधिसूचना कहा गया है) में कतिपय संशोधनों का प्रारूप, जिन्हें केन्द्रीय सरकार पर्यावरण (संरक्षण) नियम, 1986 के नियम 5 के उप-नियम (3) के खंड (घ) के साथ पठित पर्यावरण (संरक्षण) अधिनियम, 1986 (1986 का 29) की धारा 3 की उप-धारा (1) और उप-धारा (2) के खंड (v) के अंतर्गत करने का प्रस्ताव करती है, भारत के राजपत्र, असाधारण, भाग II, खंड 3, उप-खंड (ii) में अधिसूत्रना सं. का.आ. 1396(अ), तारीख 25 मई, 2015 द्वारा प्रकाशित किया गया था, जिसके द्वारा ऐसे सभी व्यक्तियों से, जिनके उनसे प्रमावित होने की संभावना थी, उस तारीख से, जिसको उक्त प्रारूप संशोधनों को अंतर्विष्ट करने वाली राजपत्र की प्रतियां जनता को उपलब्ध करा दी जाती हैं, साठ दिनों के अवसान से पूर्व आक्षेप और सुझाव आमंत्रित किए गए थे;

और उक्त राजपत्र की प्रतियां 25 मई, 2015 को जनता को उपलब्ध करा दी गई थी;

और उक्त प्रारूप अधिसूचना के संबंध में, ऐसे सभी व्यक्तियों से, जिनके उनसे प्रभावित होने की संभावना थी, प्राप्त सभी आक्षेपों और सुझावों पर केन्द्रीय सरकार द्वारा सम्यक् रूप से विचार कर लिया गया है;

अत:, अब, केन्द्रीय सरकार पर्यावरण (संरक्षण) नियम, 1986 के नियम 5 के उप-नियम (3) के खंड (घ) के साथ पठित पर्यावरण (संरक्षण) अधिनियम, 1986 (1986 का 29) की धारा 3 की उप-धारा (1) और उप-धारा (2) के खंड (v) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए उक्त अधिसूचना में निम्नलिखित संशोधन करती है, अर्थात् :-

(帝)

उप पैरा 1(क) में "सौ किलोमीटर" शब्वों के स्थान पर "तीन सौ किलोमीटर" शब्द रखें जाएंगे; (জ)

उप पैरा 3 में "100 कि.मी." अंकों और शब्दों के स्थान पर "तीन सौ किलोमीटर" शब्द रखें जाएंगे; (ग)

उप पैरा 5 में "सौ किलोमीटर" शब्दों के स्थान पर "तीन सौ किलोमीटर" शब्द रखें जाएंगे; उप पैरा 7 में "सौ किलोमीटर" शब्दों के स्थान पर "तीन सौ किलोमीटर" शब्द रखें जाएंगे; (घ)

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2. उक्त अधिसूचना के पैरा 2 में:-

(क) उप पैरा (1) के पश्चात् निम्नलिखित परंतुक अंत:स्थापित किया जाएगा, अर्थात्:-

'परंतु यह और कि शुष्क ईएसपी फ्लाई ऐश के 20 प्रतिशत का नि:शुल्क प्रदाय करने का निर्वधन उन तापीय विद्युत संयंत्रों पर लागू नहीं होगा, जो विहित रीति में सौ प्रतिशत फ्लाई ऐश का उपयोग करने में समर्थ हैं।"

(ख) उप पैरा (7) के पश्चात् निम्नलिखित उप पैरा अंत:स्थापित किए जाएंगे, अर्थात् :-

- "(8) प्रत्येक कोयला या लिग्नाइट आधारित तापीय विद्युत सयंत्र (जिसके अंतर्गत कैपटिव और/या सह उत्पादन केन्द्र भी हैं), अधिसूचना की तारीख से तीन मास के भीतर उनके पास उपलब्ध प्रत्येक किस्म की ऐश के स्टाक के व्यौरे अपनी वेवसाइट पर अपलोड करेगा और उसके पश्चात् मास में कम से कम एक वार स्टाक की स्थिति को अद्यतन करेगा। (9)
- प्रत्येक कोयला या लिग्नाइट आधारित तापीय विद्युत संयंत्र समर्पित शुष्क ऐश साइलोस प्रतिष्ठापित करेगा, जिनके पास पृथक् पहुंच मार्ग होंगे, जिससे कि फ्लाई ऐश के परिदान को सुगम बनाया जा सके ।
- कोयला या लिग्नाइट आधारित तापीय विद्युत संयंत्र से 100 किलोमीटर की परिधि के भीतर सड़क संनिर्माण (10)परियोजनाओं या ऐश आधारित उत्पादों के संनिर्माण के लिए या कृषि संबंधित क्रियाकलापों में मृदा अनुकूलक के रूप में उपयोग के लिए ऐश के परिवहन की लागत ऐसे कोयला या लिग्नाइट आधारित तापीय विद्युत संयंत्र द्वारा वहन की जाएगी और 100 किलोमीटर की परिधि से परे और 300 किलोमीटर की परिधि के भीतर ऐसे परिवहन की लागत को उपयोक्ता और कोयला या लिग्नाइट आधारित तापीय विद्युत संयंत्र के वीच समान रूप से अंश भाजित की जाएगी ।
- (11) कोयला या लिग्नाइट आधारित तापीय विद्युत संयंत्र अपने परिसरों के भीतर या अपने परिसरों के आस-पास ऐश आधारित उत्पाद संनिर्माण सुविधाओं का संवर्धन करेंगे, उन्हें अपनाएंगे और उनकी स्थापना करेंगे (वित्तीय और अन्य सहबद्ध अवसंरचना) ।
- (12) नगरों के आस-पास बने कोयला या लिग्नाइट आधारित तापीय विद्युत संयंत्र ऐश आधारित उत्पाद विनिर्माण इकाइयों का संवर्धन करेंगे और उनकी स्थापना का समर्थन और उसमें सहायता करेंगे ताकि ईंटों और अन्य भवन संनिर्माण सामग्रियों की अपेक्षाओं की पूर्ति की जा सके और साथ ही परिवहन में कमी की जा सके ।
- यह सुनिश्चित करने के लिए कि किसी सड़क संनिर्माण का संविदाकार सड़क निर्माण में ऐश का उपयोग (13) करता है, सड़क संनिर्माण के लिए संवद्ध प्राधिकारी संविदाकार की किए जाने वाले संदाय को तापीय विद्युत संयत्र से ऐश के प्रदाय के प्रमाणीकरण के साथ जोड़ेगा ।
- (14) कोयला या लिग्नाइट आधारित तापीय विद्युत संयंत्र, 300 किलोमीटर की परिधि के भीतर प्रधानमंत्री ग्रामीण संडक योजना के अधीन सड़क संनिर्माण परियोजनाओं और भवनों, सड़कों, वांधों और तटवंधों के संनिर्माण को अंतर्वलित करने वाले सरकार के आस्ति सृजन कार्यक्रमों के स्थल तक ऐश के परिवहन की संपूर्ण
- उक्त अधिसूचना के पैरा (2) के उप-पैरा (2क) को उप-पैरा (15) के रूप में पढ़ा जाए और उक्त उप-पैरा के अंत में निम्नलिखित उप-पैरा जोड़ा जाएगा, अर्थात् :-

"और तटीय जिलों में अवस्थित कोयला या लिग्नाइट आधारित तापीय विद्युत संयंत्र तटरेखा सुरक्षा उपायों का समर्थन करेंगे, उनके संनिर्माण में सहायता करेंगे या उसमें प्रत्यक्ष रूप से सम्मिलित होंगे।" उक्त अधिसूचना के पैरा 3 में उप-पैरा (7) के पश्चात् निम्नलिखित अंत:स्थापित किया जाएगा, अर्थात् :-

- "(8) विभिन्न संनिर्माण परियोजनाओं का अनुमोदन करने वाले सभी राज्य प्राधिकारियों का यह उत्तरदायित्व होगा कि वे यह सुनिश्चित करें कि फ्लाई ऐश का उपयोग करने या फ्लाई ऐश आधारित उत्पादों के लिए तापीय विद्युत संयंत्रों और संनिर्माण अभिकरण या संविदाकारों के वीच परस्पर समझ जापन या कोई अन्य ठहराव

(9) राज्य प्राधिकारी, दस लाख या अधिक की जनसंख्या वाले नगरों की भवन निर्माण संवंधी उप विधियों का संशोधन करेंगे ताकि भार वहन करने वाली संरचनाओं हेतु तकनीकी अपेक्षाओं के अनुसार आवश्यक विनिर्देशों को ध्यान में रखते हुए ऐश आधारित ईंटों के आज्ञापक उपयोग को सुनिश्चित किया जा सके।

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- (10) संबद्ध प्राधिकारी सभी सरकारी स्कीमों या कार्यक्रमों में, उदाहरणार्थ महात्मा गांधी राष्ट्रीय ग्रामीण रोजगार गारंटी अधिनियम, 2005 (मनरेगा), स्वच्छ भारत अभियान, शहरी और ग्रामीण आवासन स्कीम, जहां संनिर्मित क्षेत्र एक हजार वर्य फुट से अधिक है और अवसंरचना संबंधी संनिर्माण में, जिसके अंतर्गत अभिहित औद्योगिक संपदाओं या पार्कों या विशेष आर्थिक जोनों में भवन निर्माण भी है, ऐश आधारित ईटों या उत्पादों के आज्ञापक उपयोग को सुनिश्चित करेंगे ।
- (11) कृषि मंत्रालय कृषि क्रियाकलापों में ऐश के मृदा अनुकूलक के रूप में उपयोग का संवर्धन करने पर विचार कर सकेगा।"
- 5. सभी संबद्ध प्राधिकारियों द्वारा उपरोक्त उपबंधों का अनुपालन करने की समयावधि 31 दिसंबर, 2017 है । कोयला या लिग्नाइट आधारित तापीय विद्युत संयंत्र, उनके द्वारा उत्पादित फ्लाई ऐश के 100 प्रतिशत उपयोग के अतिरिक्त उपरोक्त उपबंधों का अनुपालन 31 दिसंबर, 2017 से पूर्व करेंगे ।

[फा. सं. 9-8/2005-एचएसएमडी]

विश्वनाथ सिन्हा, संयुक्त सचिव

टिप्पण:- मूल अधिसूचना भारत के राजपत्र, असाधारण, भाग II, खंड 3, उप-खंड (ii) में अधिसूचना सं. का.आ. 763(अ), तारीख 14 सितंवर, 1999 द्वारा प्रकाशित की गई थी और इसमें पश्चातवर्ती संशोधन अधिसूचना सं. का.आ. 979(अ), तारीख 27 अगस्त, 2003 और का.आ. 2804(अ), तारीख 3 नवंवर, 2009 द्वारा किए गए थे।

MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE NOTIFICATION

New Delhi, the 25th January, 2016

S.O. 254(E).—Whereas a draft of certain amendments to the Government of India in the Ministry of Environment, Forests and Climate Change number S.O. 763(E), dated the 14th September, 1999 (hereinafter referred to as the said notification) which the Central Government proposes to make under sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with clause (d) of sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, was published in the Gazette of India. Extraordinary, Part II, section 3, Sub-section (ii), *vide* S.O. 1396(E), dated the 25th May, 2015 inviting objections and suggestions from all persons likely to be affected thereby before the expiry of sixty days from the date on which copies of the Gazette containing the said draft amendments were made available to the public.

And, whereas copies of the said Gazette were made available to the public on 25th May, 2015;

And, whereas all the objections and suggestions received from all persons likely to be affected thereby in respect of the said draft notification have been duly considered by the Central Government;

Now, therefore, in exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with clause (d) of sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby makes the following amendments to

In the said notification, in paragraph 1,-

1.

- (a) in sub-paragraph 1(A), for the words "hundred kilometers", the words "three hundred kilometers" shall be substituted;
- (b) in sub-paragraph (3), for the figures and letters "100 km", the words "three hundred kilometers" shall be substituted;
- (c) in sub-paragraph (5), for the words "hundred Kilometers", the words "three hundred Kilometers" shall be substituted;
- (d) in sub-paragraph (7), for the words "hundred Kilometers", the words "three hundred Kilometers" shall be substituted.

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In the said notification, in paragraph 2:-2,

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(a) after sub-paragraph (1), the following proviso shall be inserted, namely:-

"provided further that the restriction to provide 20 % of dry ESP fly ash free of cost shall not apply to those thermal power plants which are able to utlise 100 % fly ash in the prescribed manner."

(b) after sub-paragraph (7), the following sub-paragraphs shall be inserted, namely:-

- "(8) Every coal or lignite based thermal power plants (including captive and or co-generating stations) shall, within three months from the date of notification, upload on their website the details of stock of each type of ash available with them and thereafter shall update the stock position at least once a Month.
- Every coal or lignite based thermal power plants shall install dedicated dry ash silos having separate (9) access roads so as to ease the delivery of fly ash.
- (10) The cost of transportation of ash for road construction projects or for manufacturing of ash based products or use as soil conditioner in agriculture activity within a radius of hundred kilometers from a coal or lignite based thermal power plant shall be borne by such coal or lignite based thermal power plant and the cost of transportation beyond the radius of hundred kilometers and up to three hundred kilometers shall be shared equally between the user and the coal or lignite based thermal power plant.
- (11) The coal or lignite based thermal power plants shall promote, adopt and set up (financial and other associated infrastructure) the ash based product manufacturing facilities within their premises or ir. the vicinity of their premises so as to reduce the transportation of ash.
- (12) The coal or lignite based thermal power plants in the vicinity of the cities shall promote. support and assist in setting up of ash based product manufacturing units so as to meet the requirements of bricks and other building construction materials and also to reduce the transportation.
- To ensure that the contractor of road construction utilizes the ash in the road, the Authority (13)concerned for road construction shall link the payment of contractor with the certification of ash supply from the thermal power plants.
- (14) The coal or lignite based thermal power plants shall within a radius of three hundred kilometers bear the entire cost of transportation of ash to the site of road construction projects under Pradhan Mantri Gramin Sadak Yojna and asset creation programmes of the Government involving construction of buildings, road, dams and embankments".
- In the said notification, in paragraph 2, sub-paragraph (2A) be read as sub-paragraph (15) and at the end of the said sub-paragraph, the following sub-paragraph shall be added, namely:-

"and the coal or lignite based thermal power plants located in coastal districts shall support, assist or directly engage into construction of shore line protection measures,"

- In the said notification, in paragraph 3, after sub-paragraph (7), the following shall be inserted,
- "(8) It shall be the responsibility of all State Authorities approving various construction projects to ensure that Memorandum of Understanding or any other arrangement for using fly ash or fly ash based products is made between the thermal power plants and the construction agency or
- The State Authorities shall amend Building Bye Laws of the cities having population One million (9) or more so as to ensure the mandatory use of ash based bricks keeping in view the specifications
- necessary as per technical requirements for load bearing structures.

(10) The concerned Authority shall ensure mandatory use of ash based bricks or products in all Government Scheme or programmes e.g. Mahatma Gandhi National Rural Employment Guarantee Act, 2005 (MNREGA), SWACHH BHARAT ABIYAN, Urban and Rural Housing Scheme, where built up area is more than 1000 square feet and in infrastructure construction including buildings in designated industrial Estates or Parks or Special Economic Zone.

[भाग if-खण्ड 3(ii)]

- (11) The Ministry of Agriculture may consider the promotion of ash utilisation in agriculture as soil conditioner."
- 5. The time period to comply with the above provisions by all concerned authorities is 31° December, 2017. The coal or lignite based thermal power plants shall comply with the above provision in addition to 100 % utilization of fly ash generated by them before 31° December, 2017.

[F. No. 9-8/2005-HSMD]

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BISHWANATH SINHA, Jt. Secy.

Note:- The principal notification was published in the Gazette of India, Extraordinary, Parl II, section 3. Sub-section (ii) vide notification S.O. 763(E), dated the 14th September, 1999 and was subsequently amended vide notification S.O. 979(E), dated the 27th August, 2003 and S.O. 2804(E), dated the 3rd November, 2009.

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