BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION NEW DELHI

PETITION NO.....

IN THE MATTER OF

: Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for approval of tariff of Ramagundam Super Thermal power Station Stage-I&II (2100 MW) for the period from 01.04.2024 to 31.03.2029.

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Summary of Issues: Ramagundam STPS Stage-I&II (2100 MW)

(In compliance with CERC notice dated 07.06.2024)

The major highlights of the Ramagundam STPS Stage-I&II (2100 MW) Tariff petition for 2024-29 are as follows:-

The present petition is being filed under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-13 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for revision of tariff of Ramagundam STPS Stage-I&II (2100 MW) (hereinafter referred to as Ramagundam-I&II) for the period from 01.04.2024 to 31.03.2029 based on actual expenditures as on 31.03.2024 and projections from 01.04.2024 to 31.03.2029.

Ramagundam-I&II is located in Ramagundam District of Telangana State and comprises of three units of 200 MW (Stage-I) and three units of 500 MW (Stage-II) with their respective COD's as 01.03.84, 01.11.84, 01.5.85, 01.11.88, 01.09.89 & 01.04.91. The power generated from Ramagundam-I&II is being supplied to the respondents herein mentioned above as per MoP allocation and respective PPAs.

The Trued up tariff of Ramagundam-I&II for the tariff period 2019-24 after the truing up exercise based on actual expenditures as on 31.03.2024 is filed by petitioner through a separate petition which is yet to be decided by Hon'ble CERC.

Additional Capital Expenditure: The projected Additional Capital Expenditure for the FY 2024-25, 2025-26, 2026-27, 2027-28 and 2028-29 are Rs 5.64 cr, Rs 0.0 cr, Rs 2.45 cr, Rs 20.24 cr and Rs 124.60 cr respectively amounting to total of Rs 152.93 crores during the 2024-29 period. The same has been depicted year wise in Form 9A of the Appendix-I along with applicable regulations and justification for the claims. It is humbly requested to approve the actual Additional Capital expenditure during the period of 2024-29.

<u>O&M Expenses:</u> Hon'ble Commission may please allow the projected claims of Water charges, security expenses and Ash transportation expenses for the instant station as projected by the Petitioner in Form 3A of Appendix-I.

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION NEW DELHI

PETITION NO.....

IN THE MATTER OF

: Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for approval of tariff of Ramagundam Super Thermal power Station Stage-I&II (2100 MW) for the period from 01.04.2024 to 31.03.2029

AND

IN THE MATTER OF

Petitioner: : NTPC Ltd.

NTPC Bhawan

Core-7, Scope Complex

7, Institutional Area, Lodhi Road

New Delhi-110 003.

Respondents

Chairman & Managing Director

APEPDCL (A.P. Eastern Power Distribution Company

Ltd.)

P&T Colony, Seethammadhara,

Vishakapatnam-503013

2. Chairman & Managing Director

APSPDCL (A.P. Southern Power Distribution Company

Ltd)

Beside Srinivassakalyana Mandapam, Tiruchanur Road, Kesavayana Gunta, Tirupati- 517501

3. Chairman & Managing Director

APCPDCL (A.P. Central Power Distribution Company Ltd)

Corporate Office, Beside Govt. Polytechnic, ITI Road, VIJAYAWADA, Andhra Pradesh

4. Chairman & Managing Director

TSSPDCL (Telangana State Southern Power Distribution Company Ltd) Mint Compound, Corporate Office

Hyderabad - 500 063

5. Chairman & Managing Director

TSNPDCL (Telangana Northern Power Distribution Company Ltd)

H.No. 2-5-31/2, Vidyut Bhavan

Nakkalagutta, Hanamkonda

Warangal - 506 001

Tamil Nadu Generation & Distribution Corporation Ltd.

(TANGEDCO) (formerly TNEB)

144, Anna Salai

Chennai - 600 002

Bangalore Electricity Supply Company Ltd. (BESCOM)

Krishna Rajendra Circle

Bangalore - 560 009

Mangalore Electricity Supply Company Ltd (MESCOM)
 MESCOM bhavana,
 Corporate Office,
 Bejai, kavoor cross road,mangaluru,
 575004, Karnataka

CESC (Chamundeshwari Electricity Supply Corp. Ltd.)
 Corporate Office, No. 29,
 Vijayanagar, 2nd stage, Hinkal,
 Mysore – 570 017

Gulbarga Electricity Supply Company Ltd. (GESCOM)
 Main road, Gulbarga, Karnataka.
 Gulbarga – 585 102

Hubli Electricity Supply Company Ltd. (HESCOM)
 Corporate office, P.B.Road, Navanagar
 Hubli – 580 025

Kerala State Electricity Board Ltd.(KSEBL)
 Vaidyuthi Bhavanam, Pattom
 Thiruvananthapuram – 695 004

Superintending Engineer-1
 Electricity department
 Govt. of Puducherry,
 137, Netaji Subhash Chandra Bose Salai,
 Puducherry- 605001

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.
- 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. Ramagundam Super Thermal Power Station Stage-I&II (2100 MW) (hereinafter referred to as Ramagundam-I&II) is one such station located in the State of Telangana. The power generated from Ramagundam-I&II is being supplied to the respondents herein above.
- 4) The Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2024 (hereinafter referred to as 'Tariff Regulations 2024') which came into force from 01.04.2024, specifying the terms & conditions and methodology of tariff determination for the period 01.04.2024 to 31.03.2029.
- 5) Regulation 9(2) of Tariff Regulations 2024 provides as follows:
 "(2) In case of an existing generating station or unit thereof, or transmission system or element thereof, the application shall be made by the generating company or the transmission licensee, as the case may be, by 30.11.2024, based on admitted capital cost including additional capital expenditure already admitted and incurred up to 31.3.2024 (either based on actual or projected)

additional capital expenditure) and estimated additional capital expenditure for the respective years of the tariff period 2024-29 along with the true up petition for the period 2019-24 in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2019."

In terms of above, the Petitioner is filing the present petition for determination of tariff for Ramagundam-I&II for the period from 01.04.2024 to 31.03.2029 as per the Tariff Regulations 2024.

- 6) The tariff of the Ramagundam-I&II for the tariff period 1.4.2019 to 31.3.2024 was determined by the Hon'ble Commission vide its order dated 05.10.2023 in Petition No. 416/GT/2020 in accordance with the CERC (Terms & Conditions of Tariff) Regulations 2019. The petitioner vide affidavit dated 26/11/2024 had filed a separate true up petition for the period 01.04.2019 to 31.03.2024 for revision of tariff in line with the applicable provisions of Tariff Regulations 2019.
- 7) It is submitted that Hon'ble Commission vide order dated 05.10.2023 in Petition No. 416/GT/2020 has allowed a capital cost of Rs 2236.77 Cr as on 31.03.2024 based on the admitted projected capital expenditure for the 2019-24 period. However, the actual closing capital cost as on 31.03.2024 has been worked out in the foresaid true-up petition as Rs. 2306.02 Cr based on the actual expenditure after truing up exercise for the period 2019-24. Accordingly, the Petitioner has adjusted an amount of Rs. 69.25 Cr of the admitted capital cost as on 31.03.2024 and accordingly the opening capital cost as on 01.04.2024 has been considered as Rs 2306.02 Cr in the instant petition. The Hon'ble Commission may be pleased to accordingly adopt this adjustment in the admitted capital cost as on 31.3.2024 and determine the tariff in the present petition for the period 2024-29.
- 8) The capital cost claimed in the instant petition is based on the opening capital cost as on 01.04.2024 considered as above and projected estimated capital expenditures claimed for the period 2024-29 under Regulation 19 and Regulation 24, 25 and 26 of the Tariff Regulations, 2024.

The Petitioner further respectfully submits that as per Regulation 36(1)(6) of the Tariff Regulations 2024, the water charges, security expenses, ash transportation expenses and capital spares consumed for thermal generating stations are to be allowed separately. The details in respect of water charges such as type of cooling water system, water consumption, rate of water charges as applicable for 2023-24 have been furnished below. Water charges claimed is estimated basis for 2024-29 period based on past expenses. In accordance with provision of the Regulations, the petitioner shall be furnishing the details of actual for the relevant year at the time of truing up and the same shall be subject to retrospective adjustment.

Description	Remarks
Type of Plant	Coal based station
Type of cooling water system	IDCT
Consumption of Water	Water for the Station is drawn from Yellampally Project. Tentative consumption for RSTPS-I & II: 2.007 TMC / year In addition, Payment towards power charges are also paid for lifting water as per Notification dated 27.06.2015 (copy enclosed at Annex-I)
Rate of Water charges	Rs 8.66 Cr / TMC (for 2023-24 & 2024- 24) (Govt. of Telangana has also accorded permission for enhancement of the rate @ 10 % once in two Financial year from the date of issue of Government order.
Total Water Charges	Yearly details as per Form-3A of Appendix-I

Similarly, the Petitioner is claiming the security & ash transportation expenses based on the estimated expenses for the period 2024-29, the same shall be subject to retrospective adjustment based on actuals at the time of truing up. In respect of capital spares consumption, it is submitted that the same shall be claimed at the time of true-up in terms of the proviso to the Regulation 36(1)(6) based on actual consumption of spares during the period 2024-29.

- 11) However, it is submitted that the expenditure towards the ash transportation charges is recurring in nature and the Petitioner has been incurring ash transportation expenditure in its stations in the current tariff period also. In case the same is permitted to be recovered after the issuance of the tariff order for the period 2024-29, there will be additional liability on the beneficiary on account of the interest payment for the period till the time the tariff petitions for the period 2024-29 is decided. To avoid the interest payment liability of the beneficiaries, it is prayed that the petitioner may be allowed to recover/ pass on the ash transportation charges on a monthly basis subject to true-up at the end of the 2024-29 period.
- 12) The petitioner humbly submits that petition no. 227/MP/2024 has been filed by the petitioner concerning Ash Transport Expenditure for its stations which is under active consideration of this Hon'ble Commission and the outcome of the said petition will be applicable to the instant petition also.
- 13) The Petitioner further respectfully submits that the wage/ salary revision of the employees of the Petitioner will be due with effect from 1.1.2027. As per Regulation 36(1)(8) of the Tariff Regulations 2024, the impact on account of implementation of wage/ pay revision shall be allowed at the time of truing up of tariff. The Petitioner therefore craves liberty to approach the Hon'ble Commission for allowing the impact on account of implementation of wage/ pay revision of the employees of the Petitioner with effect from 1.1.2027, based on the actual payments whenever paid by it.
- 14) The present petition is filed on the basis of norms specified in the Tariff Regulations 2024. It is submitted that the petitioner is in the process of installing

the Emission Control Systems (ECS) in compliance of the Revised Emission Standards as notified by MOEF vide notification dated 07.12.2015 as amended. Completion of these schemes in compliance of revised emission norms will affect the Station APC, Heat Rate, O&M expenses etc. In addition, the availability of the unit/ station would be also affected due to shutdown of the units for installation of ECS. The petitioner would be filing the details of the same in terms of the Regulation 29 of CERC (Terms& Conditions of Tariff) Regulations 2024.

15) The Petitioner humbly submits that the pay/wage revision for the employees of the Petitioner will be due wef 01.01.2027. Further, the wage/pay revision of CISF and Kendriya Vidyalaya employees will also be due for revision during the tariff period 2024-29. Regulation-36(1)(8) of CERC (Terms & Conditions of Tariff) Regulations-2024 provides as below.

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

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

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

- 17) However, in so far as the present Petition is concerned, the Petitioner has prepared & submitted the data of coal as per Form 15 of the Tariff Regulations, 2019. The same is because of the following reasons:-
 - (a) This Hon'ble Commission had notified the Tariff Regulations, 2019 on 07.03.2019 and the same was in effect till 31.03.2024.
 - (b) The Petitioner being a diligent utility has been seamlessly providing the said data of coal in terms of the prescribed format (i.e. Form 15 of Annexure-I (Part I)) of the Tariff Regulations, 2019 to this Hon'ble Commission for computation of Interest on Working Capital.
 - (c) Thereafter, this Hon'ble Commission on 15.03.2024 notified the Tariff Regulations, 2024, wherein the format of Form 15 was changed/amended by this Hon'ble Commission and a new format was placed in the Tariff Regulations 2024 in the month of June'2024.
 - (d) By virtue of the said change, the Petitioner has been obligated to furnish the data of coal for its existing plants month wise for the preceding 12 months i.e. for FY 2023-24 for computation of Interest on Working Capital.
- 18) It is humbly submitted that by virtue of the Tariff Regulations, 2024, this Hon'ble Commission has added a new format/ revised the format of Form-15 which has not prescribed in the past Tariff Regulations i.e. of 2019. Hence, it is only now (in the Tariff Regulations 2024) that the Petitioner has been obligated to furnish the data of coal as per the new format of Form-15.
- 19) It is respectfully submitted that since the format for Form 15 has been changed in Tariff Regulations, 2024 and was notified in the month of June'2024, the Petitioner could not have been aware about the said changes earlier, hence the Petitioner did not maintain the data required in new format of Form 15 of Tariff Regulations, 2024.
- 20) Therefore, this Hon'ble Commission may kindly exempt the Petitioner from furnishing the data of coal in terms of new format of Form 15 of the Tariff Regulations, 2024 & may be allowed to furnish the details of coal for FY 2023-24 in terms of the prescribed format of Form-15 of the Tariff Regulations, 2019.
- 21) In light of the above submissions, it may kindly be noted that no prejudice shall be caused to any party if the Petitioner is allowed for providing the details of Landed Price & GCV of coal to this Hon'ble Commission in terms of Form 15 of

the Tariff Regulations, 2019 as the value of Landed Price & GCV of coal will remains unaffected.

- 22) 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
- 23) The petitioner has accordingly calculated the tariff for 2024-29 period based on the above and the same is enclosed as Appendix-I to this petition.
- 24) In accordance with the 'Conduct of Business Regulations 2023' of the Hon'ble Commission, the Petitioner shall publish a notice about such filing in at least two daily leading digital newspapers one in English language and another in any of the Indian languages, having wide circulation in each of the States and Union Territories where the beneficiaries are situated, as per Form 14 appended to these regulations. Subsequently, the Petitioner shall submit the proof of publications as soft copies of the publications under an affidavit through the e-filing portal of the Hon'ble Commission within one week from the date of publication. Further, the Petitioner shall also submit the detail of expenses incurred for publication of the notice along with the prayer for recovery of Publication Expenses as per Regulation-94 of CERC Tariff Regulations 2024.
- 25) It is submitted that the Petitioner has already paid the requisite filing fee vide. Transaction ID: 37c586eba62158b7b321 on 24.04.2024 for the year 2024-25 and the details of the same have been duly furnished to the Hon'ble Commission vide email dtd. 29.04.2024. For the subsequent years, it shall be paid as per the provisions of the CERC (Payment of Fees) Regulations, 2012 as amended. Hon'ble Commission may be pleased to take the above into consideration and allow the recovery of filing fee for the instant station as per Regulation-94 of CERC Tariff Regulations 2024.

26) 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 Ramagundam-I&II for the tariff period 01.04.2024 to 31.03.2029.
- ii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries.
- Allow reimbursement of Ash Transportation Charges directly from the beneficiaries on monthly basis, subject to true up.
- Pass any other order as it may deem fit in the circumstances mentioned above.

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Noida	

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION NEW DELHI

PETITION NO.....

IN THE MATTER OF

: Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for approval of tariff of Ramagundam Super Thermal Power Station Stages-I,II (2100 MW) for the period from 01.04.2024 to 31.03.2029.

AND

IN THE MATTER OF

Petitioner:

NTPC Ltd.

NTPC Bhawan

Core-7, Scope Complex

7, Institutional Area, Lodhi Road

New Delhi-110 003

1) Respondents: AP Eastern Power Distribution Company Limited & Ors







AFFIDAVIT

- I, Umasankar Mohanty, son of B.K. Mohanty aged about 58 years, resident of D-109, Shaurya NTPC Township, Noida do solemnly affirm, and state as follows: -:
 - That the deponent is the Additional General Manager of Petitioner/Applicant/Respondent and is well conversant with the facts and the circumstances of the case and therefore competent to swear this affidavit.
 - 2) That the accompanying Petition under Section 62 and 79(1)(a) of the Electricity Act, 2003, has been filed by my authorized representative/nominated counsel under my instruction and the contents of the same are true and correct to the best of my knowledge and belief.
 - That the contents as mentioned in the Petition are true and correct based on my personal knowledge, belief and records maintained in the office.
 - That the annexures annexed to the Petition are correct and true copies of the respective originals.
 - That the Deponent has not filed any other Petition or Appeal before any other forum or court of law with respect to the subject matter of the dispute.

(Deponent) उपयोग महिता अववादी के विद्यापुर अपर महिता अववादी (आणिक्या) Add. General Manager (Commercal) (पराणेनी जिल्हें र NTEC Limited

VERIFICATION

Verified at Noida on 26th day of November 2024, that the contents of my above noted affidavit are true and correct to my knowledge and no part of it is false and nothing material has been concealed therefrom.

YOGENERA SINGH NOTARY NOIDA B NAGAR (U.P.) INDIA

CHRIST HIGH (Umassics Mounty star Higher-tar (unfulfation) add, General Manager (Commercial) (soft that) Tightes (NTPC Lambed

(Deponent)

12 6 NOV 2024

TARIFF FILING FORMS (THERMAL)

FOR DETERMINATION OF TARIFF FOR

Ramagundam Super Thermal Power Station Stgae-I&II

(From 01.04.2024 to 31.03.2029)

PART-I

ANNEXURE-I

		Sun	Summary of Tariff	ıriff			S-5-1008	FORM- 1
	Name of the Petitioner:	NTPC Limited	eq					
	Name of the Generating Station:	Ramagunda	Ramagundam Super Thermal Power Station Stgae-1&11	ial Power Stati	on Stgae-L&II			
	Place (Region/District/State):	Southern / R	Southern / Ramagundam / Telangana	Felangana				
							Amount	Amount in Rs. Lakhs
S. No.	. Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
7	2	3	4	3	9	7	8	6
1.1	Depreciation	Rs Lakh	6,316,65	3,931.93	253.80	110.21	1,020.87	6,517.49
1.2	Interest on Loan	Rs Lekh	55.31	E.	E.	2.36	19.82	118.38
13	Return on Equity	Rs Lakh	12,881.96	13,001.81	13,014.27	13,019.92	13.082.59	13,414,77
4.	Interest on Working Capital	Rs Lakh	20,289.50	20,210,13	20,182,86	20,127.70	20,076.66	20,419.73
1.5	-	Rs Lakh	74,803.29	100328.00	100884.00	99802.00	98561.00	103651.00
1.6	Special Allowance (If applicable)	Rs Lakh	19,950.00	22575.00	22575.00	22575.00	22575.00	22575.00
	Total	Rs Lakh	134296.70	160046.88	156909.93	155637.19	155335.94	166696.36
2.1	Landed Fuel Cost (coal/gas/RLNG/ liquid) as per FSA	Rs/Ton	5073.94	4936.96	4936.96	4936.96	4936.96	4936.96
	(%) of Fuel Quantity	(%)		No. 600 9-00	11 2 A C C C C C C C C C C C C C C C C C C	CO. C.		100000000000000000000000000000000000000
2.2	Landed Fuel Cost Imported Coal							
	(%) of Fuel Quantity							
2.3	Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA	Rs/Ton			N.	ş		
	(%) of Fuel Quantity	(%)						
2.4	Landed Fuel Cost Imported Coal other than FSA.							
	(%) of Fuel Quantity							
2.5	Secondary fuel oil cost	Rs/Unit	0.065	0.070	0.070	0.070	0.070	0.070
	Energy Charge Rate ex-bus (Paise/kWh) 2A. 2B, 2C, 2D	Rs/Unit	3.952	3.734	3.734	3.734	3.734	3.734
								(Petitioner)

	Name of the Petitioner:	NTPC Limited	ď			FORM- 1(
	Name of the Generating Station:	Ramagundam	7	al Power Stat	ion Stone-L&I	ro .
	Traine of the Generaling Station		Enpre America			in Rs. Lakl
	Statement showin	g claimed capi	tal cost – (A	+B)		
. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1,	Opening Capital Cost	2,30,601.87	2.31,165.87	2,31,165.87	2,31,410.77	2,33,434.4
2	Add: Addition during the year/period	564.00	- 4	244.90	2,023.70	12,459.6
3	Less: De-capitalisation during the year/period	-		-	*	
4	Less: Reversal during the year / period	1 -	-	-	17.7	0.71
5	Add: Discharges during the year/ period	-			- 3	
6	Closing Capital Cost	2,31,165.87	2,31,165.87	2,31,410.77	2,33,434.47	2.45,894.0
7	Average Capital Cost	2,30,883.87	2,31,165.87	2,31,288.32	2,32,422.62	2,39,664.2
	Ct. t t . V		L. C D.F		- (1)	
. No.	Statement showing claimed cap Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
- 1	Opening Capital Cost	230262.31	230262.31	230262.31	230302.41	232326.1
2	Add: Addition during the year / period	0.00	0.00	40.10	2023.70	0.0
3	Less: De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.0
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.0
5	Add: Discharges during the year / period	0.00	0.00	0.00	0.00	0.0
6	Closing Capital Cost	230262.31	230262.31	230302.41	232326.11	232326.1
7	Average Capital Cost	230262.31	230262.31	230282.36	231314.26	232326.1
- 1						
	Statement showing claimed capital	cost eligible for	r RoE linked	with SBI M	ICLR (B)	
	Statement showing claimed capital					2020 20
i. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
i. No.	Particulars 2	2024-25	2025-26 4	2026-27 5	2027-28 6	7
. No. 1	Particulars 2 Opening Capital Cost	2024-25 3 339.56	2025-26 4 903.56	2026-27 5 903.56	2027-28 6 1108.36	
i. No. 1 1	Particulars 2 Opening Capital Cost Add: Addition during the year / period	2024-25	2025-26 4	2026-27 5	2027-28 6	7 1108.3 12459.0
5. No. 1	Particulars 2 Opening Capital Cost Add: Addition during the year / period Less: De-capitalisation during the year / period	2024-25 3 339.56 564.00	2025-26 4 903.56 0.00	2026-27 5 903.56 204.80	2027-28 6 1108.36 0.00	7 1108.3
5. No. 1 1 2	Particulars 2 Opening Capital Cost Add: Addition during the year / period Less: De-capitalisation during the year / period Less: Reversal during the year / period	2024-25 3 339.56 564.00 0.00	2025-26 4 903.56 0.00 0.00	2026-27 5 903.56 204.80 0.00	2027-28 6 1108.36 0.00 0.00	7 1108.1 12459. 0.
1 1 2 3	Particulars 2 Opening Capital Cost Add: Addition during the year / period Less: De-capitalisation during the year / period	2024-25 3 339.56 564.00 0.00 0.00	2025-26 4 903.56 0.00 0.00	2026-27 5 903.56 204.80 0.00 0.00	2027-28 6 1108.36 0.00 0.00	7 1108.2 12459.0

	Name of the Petitioner:	NTPC Limited	P.			
	Name of the Generating Station:	Ramagundam Super Thermal Power Station Stgae-I&II	n Super Ther	mal Power St	tation Stgae-I	ВП
	Statement showing Return on Equity at Normal Rate	Equity at No	ormal Rate			
					Amounti	Amount in Rs. Lakhs
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
_		3	4	2	9	7
	Return on Equity					
-	Gross Opening Equity (Normal)	1,12,795.42	1,12,795.42	1,12,795.42	1,12,807.45	113414,56
2	Less: Adjustment in Opening Equity	43,716.73	43,716.73	43,716.73	43,716.73	43,716.73
m	Adjustment during the year					
4	Net Opening Equity (Normal)	69.078.69	69,870,69	69.078.69	69,090.72	69,697.83
'n	Add: Increase in equity due to addition during the year / period	00.00	00.00	12.03	11.709	0.00
7	Less: Decrease due to De-capitalisation during the year / period	00.00	00.00	0.00	00'0	0.00
	Less: Decrease due to reversal during the year / period	00'0	00.00	00.0	0000	0.00
6	Add: Increase due to discharges during the year / period	00.00	00.00	00:00	00:00	0.00
10	Net closing Equity (Normal)	69.078.69	69'820'69	69,090.72	69,697.83	69,697.83
11	Average Equity (Normal)	69.078.69	69'8'0'69	69,084.71	69,394.28	69,697.83
12	Rate of ROE (%)	18.782	18.782	18.782	18.782	18.782
13	Total ROE	12,974.36	12,974.36	12,975.49	13,033.63	13,090.65

		I Dame			FO	FORM- 1(IIB)
	Name of the Petitioner:	NIPC Limited	-			
	Name of the Generating Station:	Ramagundam	Super Thern	nal Power Sta	Ramagundam Super Thermal Power Station Stgae-L&U	П
	Statement showing Return on Equity linked with SBI MCLR	uity linked w	vith SBI MC	LR		
					Amount	Amount in Rs. Lakhs
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Н	2	3	7	w	9	7
	Return on Equity at Weighted Average Rate of Interest					
н	Gross Opening Equity (Normal)	101.87	271.07	271.07	332.51	332,51
2	Less: Adjustment in Opening Equity	00.00	00.00	00'0	0.00	00'0
0	Adjustment during the year	00.00	00.00	00.00	0.00	00'0
4	Net Opening Equity (Normal)	101.87	271.07	271.07	332.51	332.51
5	Add: Increase in equity due to addition during the year / period	169.20	0.00	61,44	00.00	3737.88
7	Less: Decrease due to De-capitalisation during the year / period	00.00	0.00	00.0	00.00	0.00
8	Less: Decrease due to reversal during the year / period	00:00	00'0	00.00	00.00	00.00
6	Add: Increase due to discharges during the year / period	00.00	00'0	00'0	00'0	00.00
01	Net closing Equity (Normal)	271.07	271.07	332.51	332.51	4070.39
11	Average Equity (Normal)	186.47	271.07	301.79	332.51	2201.45
12	Rate of ROE- Post Tax , i.e SBI MCLR plus 350 BP (%)	12.15	12.15	12.15	12.15	12.15
13	Rate of ROE-Pre tax (%)	14.723	14.723	14.723	14.723	14.723
14	Total ROE	27.45	39.91	44.43	48.96	324.12
						(remoner)

Name of the Petitioner : Name of the Generating Station :	Plant Cha NTPC Ltd Ramagundam	STPS -I & II				PART FORM-
Unit(s)/Block(s)/Parameters	Unit-I	Unit-II	Unit-III	Unit-IV	Unit-V	Unit-VI
Installed Capacity (MW)	200	200	200	500	500	500
Schedule COD as per Investment Approval		H160		BARCO .		
Actual COD /Date of Taken Over (as applicable)	01-Mar-84	01-Nov-84	01-May-85	01-Nov-88	01-Sep-89	01-Apr-91
Pit Head or Non Pit Head or Integrated Mine		7.5 (000000000000000000000000000000000000	Pit Hea			
Distance from Integrated mine (kms), If applicable			Pit nea	ata:		
Name of the Boiler Manufacture		Jen Jahan Billin Millionan			BHEL	
Name of Turbine Generator Manufacture		ANSALDO -Italy			API Harbo	
Name of Turbine Generator Manuacture		ANSALDO -Italy			BHEL	
Main Steams Pressure at Turbine inlet (kg/Cm²) abs1.		THE STATE OF THE S	=			
Main Steam Temperature at Turbine inlet (°C) 1						
Reheat Steam Pressure at Turbine inlet (kg/Cm²) 1						
Reheat Steam Temperature at Turbine inlet (°C) 1						
Main Steam flow at Turbine inlet under MCR condition (tons						
Main Steam flow at Turbine inlet under VWO condition (tons /hr)*						
Unit Gross electrical output under MCR /Rated condition (MW) ²						
Unit Gross electrical output under VWO condition (MW) ²						
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh) ³						
Conditions on which design turbine cycle heat rate guaranteed						
% MCR						
% Makeup Water Consumption						
Design Capacity of Make up Water System						
Design Capacity of Inlet Cooling System						
Design Cooling Water Temperature (°C)						
Back Pressure						
Steam flow at super heater outlet under BMCR condition (tons/hr)						
Steam Pressure at super heater outlet under BMCR condition) (kg/Cm²)						
Steam Temperature at super heater outlet under BMCR condition (°C)						
Steam Temperature at Reheater outlet at BMCR condition (°C)						
Design / Guaranteed Boiler Efficiency (%)*						
Design Fuel with and without Blending of domestic/imported coal	4.					

Type of Cooling Tower	Induced Draft Cooling Towers	Induced Draft splash type, Counter flow
Type of cooling system ^e	Closed	Closed
Type of Boiler Feed Pump®	Motor driven (MDBFP)	2 Nos Turbine driven (TDBFP) and 1 No MDBFP
Type of Coal Mill		
Fuel Details ⁷	j j	3
-Primary Fuel	Coal	Coal
-Secondary Fuel	HSD	HFO
-Alternate Fuels) Sec
Types of SOX control system		
Types of NOX control system		
Details of SPM control system		
Special Features/Site Specific Features*	Merry go r	ound system
Special Technological Features ^a		
Environmental Regulation related features ¹⁰	ESP, FGD is under implementation	
Any other special features	The control control is the control to the control to the control of the control o	
1: At Turbine MCR condition.		
2; with 0% (Nil) make up and design Cooling water temperatu	ire.	
3; at TMCR output based on gross generation, 0% (Nii) make	up and design Cooling water temperature.	
4: With Performance coal based on Higher Heating Value (H	HV) of fuel and at BMCR) out put	
5: Closed circuit cooling, once through cooling, sea cooling, n	atural draft cooling, induced draft cooling etc.	
6: Motor driven, Steam turbine driven etc.		
7: Coal or natural gas or Naptha or lignite etc.		
8: Any site-specific feature such as Merry-Go-Round, Front/R features.Front Fired Boller	ear/Sides fired Boller, Vicinity to sea, Intake /makeup water	r systems etc. scrubbers etc. Specify all such
9: Any Special Technological feature like Advanced class FA	technology in Gas Turbines, etc.	
10: Environmental Regulation related features like FGD, ESP	etc.,	
Note 1; In case of deviation from specified conditions in Regu	lation, correction curve of manufacturer may also be submi	itted.
Note 2: Heat Balance Diagram has to be submitted along with	above information in case of new stations.	
Note 3: The Terms – MCR, BMCR, HHV, Performance coal, 2010 notified by the Central Electricity Authority.	are as defined in CEA Technical Standards for Construction	n of Electric Plants and Electric Lines Regulations -
		(Petitione

PART-I

FORM- 3

Normative parameters considered for tariff computations

Name of the Petitioner:

NTPC Limited

Name of the Generating Station:

Ramagundam Super Thermal Power Station Stgae-I&II

(Year Ending March)

Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
10	2	3	4	5	6	7	8
Base Rate of Return on Equity	%	15.50	15.50	15.50	15.50	15.50	15.50
Base Rate of Return on Equity on Add. Capitalization	%	9.057	14.723	14.723	14.723	14.723	14.723
Effective Tax Rate	%	17.4720	17,4720	17.4720	17.4720	17.4720	17.4720
Target Availability	%		i i				
Peak Hours	%	85	85	85.00	85.00	85.00	85.00
Off-Peak Hours	%	85	85	85.00	85.00	85.00	85.00
B- Average Monthly Frequency Response Performance5	0-1		Will be	provided at t	ne time of tri	ing up	
Auxiliary Energy Consumption	%	7.04	6.68	6,68	6.68	6.68	6.68
Gross Station Heat Rate	kCal/kWh	2401.43	2386.43	2386.43	2386.43	2386.43	2386.43
Specific Fuel Oil Consumption	ml/kWh	0.50	0.64	0.64	0.64	0.64	0.64
Cost of Coal/Lignite for WC	in Days	40	40	40	40	40	40
Cost of Main Secondary Fuel Oil for WC	in Months	2	2	2	2	2	2
Fuel Cost for WC2	in Months						
Liquid Fuel Stock for WC	in Months						
O&M Expenses	Rs lakh/MW	29.27	31.10	32.73	34.45	36.26	38.16
Maintenance Spares for WC	% of O&M	20.00	20.00	20.00	20.00	20.00	20.00
Receivables for WC	in Days	45	45	45	45	45	45
Storage capacity of Primary fuel*	MT			7500	000		
SBI 1 Year MCLR plus 325 basis point	%	12.00	11.90	11.90	11.90	11.90	11.90
Blending ratio of domestic coal/imported coal							
Norms for consumption of reagent			FGD is	not commissi	oned		
Specific Limestone consumption for Wet Limestone FGD							
Specific Limestone consumption for Lime Spray Dryer or Semi-dry FGD							
Specific consumption of sodium bicarbonate			i j				
Specific Limestone consumption for CFBC							

Specific ammonia consumption of the SCR				
Transit and Handling Losses of coal or lignite, as applicable		1		

Note: 1). For Coal based/lignite based generating stations

- 2). For Gas Turbine/Combined Cycle generating stations duly taking into account the mode of operation on gas fuel and liquid fuel.
- Mention relevant date.
- Effective tax rate is to be computed in accordance with Regulation 31 i.e. actual tax (or advance tax)/gross income, where gross
 income refers the profit before tax.
- To be submitted at the time of truing up based on RPC certification.
- * Storage Cpacity for Ramagundam -I & II and III combined together

Petitioner

		Calculation of O&M Expenses	&M Expense	×.	ADDITIC	ADDITIONAL FORM
Name	Name of the Company : Name of the Power Station :	NTPC Limited Ramagundam Super Thermal Power Station Stgae-I&II	iper Thermal Po	ower Station Stg	gae-I&II Amount	[Amount in Rs. Lakhs
S.No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
-	2	3	4	5	7	æ
	O&M expenses under Reg.36(1)(1)					
la	Normative	65307.00	68742.00	72348.00	76146.00	80136.00
CI	O&M expenses under Reg.36(1)(6)					
2a	Water Charges	2265.00	2605.00	2605.00	2866.00	2866.00
2p		4406.00	5306.00	5767.00	6222.00	6716.00
2c						
en	Ash Transportation	28350	24231	19082	13327	13933
	Total O&M Expenses	100328.00	100884.00	99802.00	98561.00	103651.00

								рPV	PART-I FORM-3B Additional Form
			U	Computation of Special Allowance	f Special Allo	wance			
Name of the Company:	Compa	uny:		NTPC Limited					
Name of the Power Station:	Power.	Station:		Ramagundam Super Thermal Power Station Stgae-I&II	Super Therm	al Power Stat	ion Stgae-I&l		
Rate of Spe-	cial allo	Rate of Special allowance @lakh/MW/y	//WW/year	000.0	200		10.75		
				3					(Rs. Lakh)
			Year of			Special All	Special Allowance as per Clause 28	· Clause 28	
Unit No.	(MW)	COD	completi on of	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	200	1-Mar-84	2008-09	1900.00	2150,00	2150.00	2150.00	2150.00	2150.00
2	200	1-Nov-84	2009-10	1900.00	2150.00	2150.00	2150.00	2150.00	2150.00
3	200	1-May-85	2010-11	1900.00	2150.00	2150.00	2150.00	2150.00	2150.00
4	500	1-Nov-88	2013-14	4750.00	5375.00	5375.00	5375.00	5375.00	5375.00
5	200	1-Sep-89	2014-15	4750.00	5375.00	5375.00	5375.00	5375.00	5375.00
9	500	1-Apr-91	2016-17	4750.00	5375.00	5375.00	5375.00	5375.00	5375.00
Year wise T	otal for	ear wise Total for the Station		19950.02	22575.00	22575.00	22575.00	22575.00	22575.00
								Petitioner	oner

16 16 16 20 21 21 21 22 31 32 32 33 34 34 34 34 34 34 34 34 34 34 34 34		PART 1 FORM- 5
Abstract of Admitted Capital Cost for the existing Projects		
Name of the Company: NIPC Ltd.		
Name of the Power Station :Ramagundam Super Thermal Power Station Stgae-I&II	stgae-I&II	
Last date of order of Commission for the project	Date (DD-MM-YYYY)	05-10-2023
Reference of petition no. in which the above order was passed	Petition no.	416/GT/2020
Following details as admitted on 31.03.24 in the above order by the Commission:	ion:	
Capital cost		2,22,083.85
Amount of un-discharged liabilities included in above (& forming part of		51.75
Amount of un-discharged liabilities corresponding to above admitted capital		
Gross Normative Debt		1,11,741.97
Cumulative Repayment	(Rs. in lakh)	1,10,552.31
Net Normative Debt	Document of the second of the	1,189.66
Normative Equity		66,625.15
Cumulative Depreciation		1,97,228.08
Freehold land		(#E)
		(Petitioner)

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

BP NO 5050000521	T00001	D03004			
	Unaecured Loan From HDFC Bank LtdN	<i>t</i>			
	V-V-V-10-10-10-10-10-10-10-10-10-10-10-10-10-				
Source of Loan	HDFC Bank LtdIV		8		
Currency:	INR				
Amount of Loan :	20,00.00,00,000		i i		
Total Drawn amount :	12,45,00,00,000		į.		
Date of drawl	29.06.2018				
Interest Type :	Floating		3		
Fixed Inforest Rate :	10000000		ì		
Base Rate, If Floating Interest	8.45%				
Margin. If Floating Interest :	NIL		Ü		
Are there any Caps/ Floor :	Y/N				
Frequency of Init. Payment	MONTHLY				
If Above is yes, specify Caps/ Floor:					
Meratorium Period :	3 Years				
Moretorium effective from :	29.06.2018				
Repayment Period (Inc Moratorium):	12 Years				
Repayment Frequency	9 Yearly Instalment				
Repayment Type :	AVG		8		
First Repayment Date :	17.04.2021				
Base Exchange Rate :	RUPEE		(
Date of Base Exchange Rate :	N.A.		li .		
	7				
			0		
Project Code	Project Name	Amount	-		
***************************************	KORBA R&M	90,00,00,00	29.06.2018	T00001	D00004
į.	RAMAGUNDAM R&M	7,20,00,00,000	29.06.2018	T00001	D00004
	UNCHAHAR R&M	70,00,00,000	29.06.2018	T00001	D00004
	RIHAND R&M	90,00,00,00	29.06.2018	T00001	D0000-
	KAWAS R&M	1,80,00,00,000	29.06.2018	T00001	D00004
	AURAIYA R&M	1,80,00,00,000	29.06.2018	T00001	D0000
	TSTPP R&M	90,00,00,000	29.06.2018	T00001	D0000-
	GANDHAR 8&M	1,85,00,00,000	And project of problem in the facilities (i.e.,	T00001	D00004
	NCTPP R&M	30,00,00,000			D00004
	KAHALGAON R&M	30,00,00,000			D0000
	ANTA R&M	80,00,00,000			D00004
Total Alloc	ated Amount	12,45,00,00,000	mentioned betateched automatical	4 - 270 9 300	1125000

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

BP NO 5050003641	T00001	D0001
White the second	Unsecured Loan From HDFC Bank Ltd.	VI .
Source of Loan :	HDFC Bank Ltd. VI	N.
Currency :	INR	
Amount of Loan:	15,00,00,00,000	
Total Drawn amount :	2,70,00,00,000	
Date of drawl	26.09.2018	J.
Interest Type :	Floating	
Fixed Interest Rate:		
Base Rate, If Floating Interest	8,45%	
Margin, If Floating Interest	NOL	
Are there any Caps/ Floor:	Y/N	
Frequency of Intt. Payment	MONTHLY	H
If Above is yes, specify Caps/ Floor:		1
Moratorium Period :	6 Years	
Moratorium effective from :	26.09.2018	
Repayment Period (Inc Moratorium):	16 Years	
Repayment Frequency:	9 Yearly Instalment	
Repayment Type ;	AVG	
First Repayment Date :	26.09.2025	

Base Exchange Rate :	RUPEE				
Dale of Base Exchange Rate:	N.A.	/			
Project Code	Project Name	Amount			
	NORTH KARANPURA	70,00,00,000	28.09.2018	T00001	D00001
	SINGRAULI	1,00,00,00,000	26.09.2018	T00001	D00001
41711111	RAMAGUNDAM	1,00,00,00,000	26.09.2018	T00001	D00001
Total Al	Incated Amount	2.70.00.00.000		100 m	

Statement Giving Details of Project Financed through a Combination of Ioan

Form 8 TRANCHE NO

BP NG 5050000571	T00001	D00003		
	Josecured Loan From Punjab National Bank	AIII		
		H1445	Ī	
Source of Loan :	Punjab National Bank-III		2	
Currency :	INR			
Amount of Loan :	20,00,00,00,000			
Total Drawn amount :	5,00,00,00,000			
Date of Drawl	13.08.2018			
Inferest Type :	Floating		8	
Fixed Interest Rate :	3.230.60		i i	
Base Rate, If Floating Interest	8.30%			
Margin, If Floating Interest :	0.00%		li .	
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor:				
Moratorium Period :	3 Years			
Moratorium effective from :	13.08.2018			
Repayment Period (Inc Moratorium):	12 Years			
Repayment Frequency :	9 Yearly Instalment		3	
Repayment Type :	AVG			
First Repayment Date :	01.02.2022			
Base Exchange Rate :	RUPEE		8	
Date of Base Exchange Rate :	N.A.		i	
	T w			
	T I'		ĺ	
			8	
Project Code	Project Name	Amount	1	
	BARH-I	30,00,00,000.00	13.08.2018 T00001	D00
	SOLAPUR	20,00,00,000.00	13.08.2018 T00001	D00
	TANDA-II	20,00,00,000.00	13.08.2016 T00001	Dog
	TALLAIPALLI	50,00,00,000,00	13.68,2016 T00001	D00
	SINGRAULI R&M	80,00,00,000,00	13.08.2018 T00001	D00
	FARAKKA R&M	90.00.00.000.00	13.08.2018 T00001	D00
	RIHAND R&M	50,00,00,000.00	13.06.2018 T00001	D00
	DADRI GAS R&M	I STATE OF THE PARTY OF THE PAR	13.08.2018 T00001	D00
	KORBA R&M	A TOTAL PROPERTY OF THE PARTY O	13.08.2018 T00003	D00
	RAMAGUNDAM R&M	STATE OF THE PARTY	13.08.2018 T00001	Dog
	VINDHAYACHAL R&M		13.08.2018 T00001	□00
	UNCHAHAR R&M		13.08.2018 T00003	D00
Total Alloc	ated Amount	5,00,00,00,000,00		142000

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

BP NO 5050003571	T00001	D03004
	Unsecured Loan From Punjab National Bank	-111
Source of Loan	Punjab National Bank-III	
Currency	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawl	21.08.2018	
Interest Type :	Floating	
Fixed Interest Rate	7-1/18-7n-	
Base Rate, If Floating Interest	8.30%	

Margin. If Floating Interest	0.00%			
Are there any Caps/ Floor :	Y/N		ì	
Frequency of Intt. Payment	MONTHLY			
f Above is yes, specify Caps/ Floor :				
Auratorium Period :	3 Years			
Moratorium effective from :	21.08.2018			
Repayment Period (Inc Moratorium) :	12 Years			
Repayment Frequency:	9 Yearly Instalment			
Repayment Type :	AVG			
First Repayment Date :	01.02.2022			
Base Exchange Rale :	RUPEE			
Date of Base Exchange Plate:	N.A.			
4.0010.00	- Y///III		i i	
MANAGAMAN AND AND AND AND AND AND AND AND AND A				
Project Code	Project Name	Amount		40
	SINGRAULI R&M	1,00,00,00,000.00		
	KORBA R&M	1,00,00,00,000.00	21,08,2018	T00001
	RAMAGUNDAM R&M	1,00,00,00,000.00	21.08.2018	T00001
	VINDHYACHAL R&M	1,00,00,00,000.00	21.08.2018	T00001
- HUSHANSS	TANDA R&M	1,00,00,00,000.00	21.08.2018	T00001
Total Alloc	sted Amount	5,00,00,00,000.00		5300000

Statement Giving Details of Project Financed through a Combination of loan Form & TRANCHE NO T00001

BP NO 5050000531	T00001	D0009	
B1.140 1030000331	Unsecured Loan From SBI-DX	124003	1
	Clisecures Coan From SBI-1X	T _e	
Source of Loan :	SBHX		
Currency :	INR		19
Amount of Loan :	30,00,00,00,000		
Total Drawn amount:	2,00,00,00,000		
Date of Drawal:	27.06.2018	i i	
Interest Type :	Floating	•	
Fixed Interest Rate :			1
Base Rate, If Floating Interest	8.25%		1
Margin, If Floating Interest:	0.00%		
Are there any Caps/ Floor :	Y/N		
Frequency of Init. Payment	Monthly	V	
If Above is yes, specify Caps/ Floor		•	
Moratonum Period :	3 Years		
Moratorium effective from :	27.06.2018		10
Repayment Period (Inc Moratorium) :	12 Years		i i
Repayment Frequency :	9 Yearly Installments		
Repayment Type ;	AVG		
First Repayment Date:	31:03:2021		
Base Exchange Rate :	RUPEE		
Dete of Base Exchange Rate	N.A.		
Project Code	Project Name	Amount	
	BARHI	26,00,00,000	
	TANDA II	30,00,00,000	
	TELANGANA	30,00,00,000	The second second second
	RAMAGUNDAM R&M	25.00,00,000	The second second second second
	TALCHER STPP R&M	40,00,00,000	
	KAHALGAON R&M	20,00,00,000	and the second second
	PAKRI BARWADIH CMB	30.00,00,000	And the second second second
Total Alloca	ated Amount	2,00,00,00,000.00	1.

Form 8 TRANCHE NO

BP NO 5050000261	T00001	D00008
	Unsecured Loan From SBI-VII	
	[E-11] [F-12] [F-12]	
Source of Loan	SBLVII	

Currency:	INR				
Amount of Loan:	1,00,00,00,00,000				
Total Drawn amount	5,00,00,00,000	W	1		
Date of Drawl	11.03.2013				
Interest Type :	Floating	1011			
Fixed Interest Rate :					
Base Rate, if Floating Interest	D0000B- 8.25%		1		
Margin. If Floating Interest:	D00008≈ 0.495%				
Are there any Caps/ Floor:	Y/N		1		
Frequency of Intt. Payment	Monthly				
If Above is yes, specify Caps/ Floor	0000000	N.F			
Moratorium Period :	4 Years				
Moratorium effective from ;	11.03.2013				
Repayment Period (Inc Moratorium) :	12 Years				
Repayment Frequency :	16 Half Yearly Instalments		Ti .		
Repayment Type :	AVG		1		
First Repayment Date :	30.09.2015				
Base Exchange Rate :	RUPEE				
Date of Base Exchange Rate:	N.A.				
Project Code	Project Name	Amount			
	KOLDAM	35,00,00,000	11.03.2013 TO	0001 D	000008
	SOLAPUR	30,00,00,000	11.03.2013 TO	0001 D	000008
	VINDHYACHAL-V	38,00,00,000	11.63.2013 TO	0001 D	000008
	TAPOVAN	18,00,00,000	11.03.2013 TD	0001 D	000008
	BARHI	57,00,00.000	11.03.2013 TO	0001 D	000008
	MOUDA-II	26,00,00,000	11.03.2013 TO	0001 D	000008
	RIHAND III	32,00,00,000	11.03.2013 TO	0001 D	000008
	KUDGH	38,00,00,000	11.03.2013 TO	0001 D	000008
1	DADRI SOLAR PV	19,00,00,000	11.03.2013 TO	0001 D	000008
	A&N SOLAR PV	20,00,00,000	11.03.2013 TO	0001 D	000008
	LARA-I	20,00,00,000	11.03.2013 TO	0001 D	000008
	BONGAIGAON	34,00,00,000	11,03.2013 TO	0001 D	000008
	FARAKKA-III	27,00,00,000	11.03.2013 TO	0001 D	000008
	SIMHADRHI	20,00,00,000	11,03,2013 TO	0001 D	000008
	SINGRALILI-R&M	10,00,00,000	11.G3.2013 TO	0001 D	000008
	TTPS-R&M	15,00,00,000	11.03.2013 TO	0001 D	000008
	KAWAS-R&M	15,00,00,000	11.03.2013 TO	0001 D	000008
	GANDHAR-R&M		11.03,2013 TO		000008
	TSTPP-R&M	10,00,00,000	11.03.2013 TO	0001 D	000008
	RAMAGUNDAM-P&M	8,00,00,000	11.03.2013 TO	0001 D	000008
	BADARPUR-R&M	20,00,00,000	11.03.2013 TO	0001 D	800000
Total Alloc	ated Amount	5,00,00,00,000.00	1		

Statement Giving Details of Project Financed through a Combination of loan

Form 8 TRANCHE NO

BP NG 5050000261	TRANCHE NO	D00012
BP NG 5050000261	T90001	HENOMETER STATES
	Unsecured Loan From SB	I-VII
Source of Loan	SBI-VII	
Currency	INR	
Amount of Loan:	1,00,00,00,00,000	
Total Drawn amount :	2,50,00,00.000	
Date of Dravil	22.07.2013	
Interest Type :	Floating	7.0
Fixed Interest Rate:		
Base Rate, If Floating Interest	D00012- 8.25%	
Margin, If Floating Interest :	D00012= 0.25%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	2
If Above is yes, specify Caps/ Floor :	100000	*11
Moratorium Period :	4 Yours	
Moratorium effective from :	22.07,2013	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	16 Half Yearty 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			
Tropict Guat	BARH-II	67,00,00,000	22.07.2013	100001	D00012
	FARAKKA-III	35,00,00,000	The second second second	T00001	000012
	SIMHADRI-II	20,00,00,000	22.07.2013	T00001	000012
	RAMAGUNDAM SOLAR	10,00,00,000	22.07.2013	T00001	D00012
	FGUTPS R&M	14,00,00,000	22,07.2013	T00001	D00012
	VSTPS R&M	28,00,00,000	22.07.2013	T00001	D00012
	RAMAGUNDAM-R&M	18,00,00,000	22,07,2013	T00001	D00012
	KORBA-R&M	17,00,00,000	22.07.2013	T00001	000012
	KAWAS-R&M	17,00,00,000	22,07,2013	T00001	D00012
	BADARPUR-R&M	14,00,00,000	22.07.2013	T00001	D00012
	TSTPP-RAM:	10,00,00,000	22,07,2013	100001	D00012
To	otal Allocated Amount	2,50,00,00,000,00			

Statement Giving Details of Project Financed through a Combination of Ioan

Form & TRANCHE NO

BP NO 5050000261	T00001	D00016		
	Unsecured Loan From SBI-VII			
			l i	
Source of Loan :	SBLVII			
Currency :	INR:		1	
Amount of Lean:	1,00,00,00,00,000			
Total Drawn amount :	5,00,00,00,000		10	
Date of Drawl	01.02.2014			
Interest Type :	Floating		Ţi .	
Fixed Interest Rate :				
Base Rate, If Floating Interest	D00016- 8.25%		1	
Margin, If Floating Interest :	D00016=.0.25%		13	
Are there any Caps/ Floor :	Y/N		1	
Frequency of Intt. Payment	Monthly		1	
If Above is yes, specify Caps/ Floor :				
Moratorium Period ;	4 Years		1	
Moratorium effective from :	01.02.2014		1	
Repayment Period (Inc Moratorium):	12 Years	1		
Repayment Frequency :	16 Half Yearly Instalments			
Repayment Type :	AVG			
First Repayment Date :	30.99.2015	10		
Base Exchange Rele :	RUPEE			
Date of Base Exchange Rate :	N.A.			
			1	
			i i	
Project Code	Project Name	Amount		
-0.0.2.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	MOUDA-I	50,00,00,000	01.02:2014	D00016
	VINDHYACHAL-IV	50,00,00,000	01.02.2014	910000
	RIHAND-III	65,00,00,000	01.02.2014	D00016
	MOUDA-II	1,80,00,00,00	01.02.2014	D00016
	BARHII	25,00,00,000	01.02.2014	D00016
	SINGRAULI-R&M	30,00,00	01,02,2014	D00016
	RAMAGUNDAM-R&M	15,00,00,000	01.02.2014	D00016
	KORBA-R&M	20,00,00,000	01.02.2014	D00016
	VINDHYACHAL-V	35,00,00,000	01.02.2014	D00016
	KAWAS-R&M	20,00,00,000	01.02.2014	D00016
	BADARPUR-R&M	10,00,00,000	01.02.2014	D00016
Total Alloc	ated Amount	5,00,00,00,000.00		
100000	AND CONTROLLE	Simplestance	4	

Statement Giving Details of Project Financed through a Combination of Ioan

Form 8 TRANCHE NO

| D0001 | D000

Amount of Loan	1,00,00,00.00,000			
Total Drawn amount :	5,00,00,00,000	i i		
Interest Type :	Floating		1	
Fixed Interest Rate :			1	
Base Rate, If Floating Interest	D0001-8,25%			
Margin, If Floating Interest	0.15%			
Are there any Caps/ Floor :	Y/N	-	1	
Frequency of Init. Payment	Monthly		I	
f Above is yes, specify Caps/ Floor:	1 2 2 2			
Moratorium Period :	6 Years			
Monatorium effective from :	21,01,2015		I i	
Repayment Period (Inc Moratorium) :	15 Years			
Repayment Frequency :	9 Yearly Installments			
Repayment Type :	AVG	AVG		
First Repayment Date :	31.Dt.2022		i i	
Base Exchange Rale :	RUPEE			
Date of Base Exchange Rate :	N.A.		1	
- N				
14110465-1-17				
Project Code	Project Name	Amount		
	BARHI	1.00,00,00,000	21.01.2015	DOC
	FARAKKA R&M	25,00,00,000	21.01.2015	00
	TSTPP R&M	40,00,00,000	21.01.2015	DO
	SINGRAULI R&M	40,00,00,000	21,01,2015	DO
	RAMAGUNDAM R&M	50,00,00,000	21.01.2015	DO
	KAWAS R&M	60,00,00,000	21.01.2015	DO
	KORSA R&M	80,00,00,000	21,01,2015	DO
	GANDHAR R&M	1,25,00,00,000	21.01.2015	00
Water Allen	ated Amount	5,00,00,00,000.00		17.

TRANCHE	NO
T00001	

BP NO 5050000442

	Unsecured Loan From SBI-VIII		1
Source of Loan :	SBI-VIII		
urrency :	INR		1
Amount of Loan	1,00,00,00.00,000		1
Total Drawn amount :	3,00,00,00,000		18
nterest Type :	Floating		1
bred Interest Rate			1
ase Rate, if Floating Interest	D00011- 8.25%		1
largin, If Floating Interest :	0.00%		1
re there any Caps/ Floor :	YN		1
requency of init. Payment	Monthly		1
Above is yes, specify Caps/ Floor	-		
loratorium Period :	6 Years		1
oratorium effective from :	30.10.2015		18
epayment Period (Inc Moratorium) :	15 Years		1
epayment Frequency:	9 Yearly Installments		1
epayment Type :	AVG		1
rst Repayment Date :	31.01,2022		
ase Exchange Rate :	RUPEE		1
ate of Base Exchange Rate	N.A.		1
TO AND THE PARTY OF THE PARTY O			
roject Code	Project Name	Amount	F.
ojeci code	BARH-I	31,00,00.000	30 10 2015
	BONGAIGOAN	30,00,00,000	
	DARLIPALLI	16,00,00,000	
	GADARWARA	72,00,00,000	COURT PARTIES AND A COMPANY
	KHARGONE	Triangle Control of the Control of t	30,10,2015
	LARA-I	33.00.00.000	-
	MOUDA-II	26,00,00,000	Contract resident and a strategy of the
	NORTH KARANPURA	A Company of the Comp	30.10.2015
	TANDA-II	15,00,00,000	-
	TAPOVAN VISHNUGARH	21,00,00,000	the many characteristic and annual state of
	UNCHAHAR-IV	7,00,00,000	
	PAKRI BARWADIH	4,00,00,000	
	CHATTI BARNADIR	T F TO THE OWNER OF THE PER	30.10.2015
	JUDAN III BARIATU	9,00,00,000	30.10.2010

D03811

	SIMHADRIHI	12,00,00,000	30.10.2015	D00011
•	RAMAGUNDAM R&M	11,00,00,000	30.10.2015	D00011
Total Allocated Amount		3,00,00,00,000		

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

TRANCHE NO

BP NO 5050000442	T00001	D00018		
	Unsecured Loan From SBI-VIII	0.000000	1	
1	1			
Source of Loan	SBI-VIII	M.		
Currency	INR		1	
Amount of Loan :	1,00,00,00,00,000		i i	
Total Drawn amount :	1,50,00,00,000	At .	1	
Date of Drawl	21.04.2016		10	
Interest Type :	Floating	110	1	
Fixed Interest Rate :	- Committee		1	
Base Rate, If Floating Interest	D00018- 8:25%		1	
Margin, If Floating Interest:	0,00%		10	
Are there any Caps/ Floor :	Y/N			
Frequency of Intl. Payment	Monthly	I L	10	
If Above is yes, specify Caps/ Floor:	7.0000	.00	1	
Moratorium Period :	6 Years		1	
Moratorium effective from :	21.04.2016			
Repayment Period (Inc Moratorium) :	16 Years			
Repayment Frequency :	9 Yearly Installments		1	
Repayment Type :	AVG	A TOTAL CONTROL OF THE CONTROL OF TH		
First Repayment Date :	31.01,2022		10	
Base Exchange Rate :	RUPEE			
Deto of Baso Exchange Rate :	N.A.	r	Įį.	
Project Code	Project Name	Amount	M	
	BONGAIGAON	70,00,00,000	and the second s	
	UNCHAHAR-IV	200.000.000.000	21.04.2016	10077001000
	RAMAGUNDAM R&M	15,00,00,000	21.04.2016	000018
	TSTPS R&M	21,00,00,000	21.04.2018	D00018
	GANDHAR RAM	8,00,00,000	21.04,2016	D00018
	KORBA R&M	6,00,00,000	21.04.2015	D00018
	DADRI GAS R&M	10,00,00,000	21.04.2018	D0001#
	UNCHAHAR R&M	5,00,00,000	21.04.2016	D00018
	BADARPUR R&M	5,00,00,000	21,04,2015	D00018
granting.	KAHALGAON R&M	5,00,00,000	21.04.2018	D00018
Total Allocated Amount		1,50,00,00,000	0	

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

BP NO 5050000661	T00001	D03004
2	Unsecured Loan From SBI-XI	
N.O. HOME	A-111-100	
Source of Loan:	SBI-XI	
Currency :	INR	
Amount of Loan :	50,00.00,00,000	
Total Drawn amount :	8,00,00,00,000	
Date of Drawel:	22.11.2018	
Interest Type :	Floating	
Fixed Interest Rate :	11.1 11.1 ·	
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:	1. 3	
Moratorium Period :	3 Years	
Moretorium 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		1
Date of Base Exchange Rate :	N.A.		
			1
Project Code	Project Name	Amount	
- XX	BARH-I	40,00,00,000	22.11.2018
	TAPOVAN VISHNUGARH	11,00,00,000	22,11,2018
	BONGAIGAON	11,00,00,000	22.11.2018
	SOLAPUR	20,00,00,000	22.11.2018
	LARA-I	50,00,00,000	22.11.2018
	GADARWARA	55,00,00,000	22.11.2018
	NORTH KARANPURA	36,00,00,000	22,11,2018
	DARLIPALLI	40,00,00,000	22.11.2018
	TANDA-II	10,00,00,000	22,11,2018
	KHARGONE	75,00,00,000	22,11,2018
	TELANGANA	75,00,00,000	22,11,2018
	TALAIPALI COAL MINE	7,00,00,000	22:11.2018
	RAMAGUNDAM I & II R&M	36,00,00,000	22.11.2018
	VINDHYACHAL R&M	14,00,00,000	22,11,2018
	FARAKKA R&M	10.00,00,000	22.11.2018
	KAHALGAON R&M	10,00,00,00	The contract of the contract o
	KHARGONE	2,00,00,00,000	ACCOUNT ASSESSMENT ASS
	TELANGANA	1,00,00,00,000	771117233-155117-1
Total All	ocated Amount	8,00,00,00,000	1

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

BP NO 5050000661	TODOO1	D00005		
BF 140 300000001	Unsecured Loan From SSI-XI	Denous	1	
	Chactares Eden From EBFXI		1	
Source of Loan	SBLXI			
Currency :	INR			
Amount of Loan :	50,00,00,00,000		1	
Total Drawn amount	5.00,00,00,000		f	
Date of Drawat:	11.12.2018	Q.	18	
Interest Type :	Floating		f	
Fixed Interest Rate			1	
Base Rate, if Floating Interest	B 35%		1	
Margin, If Floating Interest:	0.00%		1	
Are there any Caps' Floor	YN		f	
Frequency of Init. Payment	Monthly	1	1	
If Above is yes, specify Caps/ Floor	noising		1	
Moratorium Period :	3 Years		1	
Monatorium effective from :	11,12,2018	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Repayment Period (Inc Moratorium):	12 Years	SPECIAL STATE		
Repayment Frequency:	9 Yearly Installments	VESTIGATES.		
Repayment Type :	AVG		1	
First Repayment Date :	01.10.2022			
Base Exchange Rale :	RUPEE		1	
Date of Base Exchange Rate	N.A.		1	
	1		1	
Project Code	Project Name	Amount	ji	
TOUR DE CONTRACTOR DE CONTRACT	BARHI	8,00,00.000	11,12,2018	
	TAPOVAN VISHNUGARH	7,00,00,000		
	SOLAPUR	12,00,00,000		
	LARA-I	40,00,00,000	11,12,2018	
	GADARWARA	75,00,00,000	11,12,2018	
	NORTH KARANPURA	10,00,00,000		
	DARLIPALLI	000,00,00,00		
	TANDA-II	90,00,00,00	CONTRACTOR SOCIETY	
	KHARGONE	1,00,00,00,000		
	TELANGANA	1,20,00,00,000		
	SINGRAULI R&M	20,00,00,000	NAME AND ADDRESS OF THE OWNER, WHEN	
	RAMAGUNDAM R&M	20,00,00,000	-	
Total Alloc	ated Amount	5,00,00,00,000.00		

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

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TRANCHENO	TUGGOT
	N dB

nosun	Unsecured Lean From AXIS BANK-II	
Source of Loan	AXIS BANK-II	
Currency	INR	
Amount of Loan	25.00,00,00,000	
Total Drawn amount:	5,00,00,00,00,00	
Date of Draw	08 D4 2020	
Interest Type:	Floating	
Fixed Interest Rate		
Base Rate, if Flusting Interest	7.45%	
Mergin, if Floeding Inferset	200.7	
Are thore any Capel Floor	Y.M.	
Frequency of Intl. Payment	MONTHLY	100
If Above is yes, specify Capsi Floor:		
Moretonium Reriod:	3 Years	
Norabotium effective from :	08.04.2020	
Repayment Penod (Inc Moralarium)	12 Years	
Repairment Frequency	9 Yearly Yearly Instalment	
Repsyment Type	AvG	
First Repayment Date	11.07.2023	
Base Exchange Rale	RUPEE	
Date of Base Exchange Rate	NA	
Project Code	Project Name	Amaura
	BARHI	70,00,00,000,000,08,04,2020
	GACIARWARA	60,00,00,000 08.04.2020
	DARLIPALLI	20,00,00,000,000,08,04,2020
	KHARGONE	20,00,00,000 08.04.2020
	BARAUNFII	40,00,00,00,00,00,04,2020
	BILHAUR SOLAR RSWW	30,00,00,000 08 04 2020
	AURAINA SOLAR 20MW.	5,00,00,000 08 04 2020
	AURAIVA SOLAR 55 20MW	5,00,00,000 08.04,2020
	SIMINADRI FLOATING	5,00,00,000 08.04.2020
	SINGRAULI REM	48,00,00,000 06.04.2020
	ICORBA P&M	32,00,00,000 06:54:2020
	RAMAGUNDAM I B II REM	45,00,00,000,000 08 04 2020
	VINDHYACHAL REM	40,00,00,000 08 04 2020
	PARAKKA REM	26,00,00,000 08 04 2020
	RIHAND REM	95,00,00,000 08 04 2020
	CADRI GAS RAM	6,00,00,000 06 04 2020
	TSTPP REM	8,00,00,000 08:04 2020
	NCTP9 RSM	5,00,00,000 08.04.2020
	CHATTI BARIATU CIVIB	5,00,00,000 06 04 2020
Total Allocated	ed Arnount	5.00.00.00.000

TRANSFERRED TO NORTH KARANPURA 1/9/2021

| Decode | D

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Form 8
TRANCHE NO
TOORD!
Unsecured Loan From HDFC Bank Ltd. IX

BP NO 5050000381

36

		4.3	
Source of Loan	HDPC Bank Ltd. IX		
Currency	INR		
Amount of Loan	60,00,00,00,000		
Talai Drawn amount :	1,90,00,00,000	11.07	
Date of drawl	28.09.2020		
Interest Type :	Floating		
Fixed interest Rate:			
Base Rate, If Floating Interest	6.30%		
Margin, if Floating Interest:	INIC	611	
Are there any Caps/ Floor.	NW.		
Frequency of Intl. Payment	MONTHLY		
If Above is yes, specify Caps/ Floor:			
Morabartum Period	3 Years		
Moreballum effective from :	28 09 2020		
Repayment Penad (inc Moratorium)	15 Years		
Repayment Frequency.	12 Yearly Instalment		
Repayment Type:	AvG		
First Repayment Date:	30.06.2024		
Bace Exchange Rate	RUPEE		
Cate of Base Evchange Rate:	N.A.		
allow of the second	Declare Name	page o boundary	
	BARH	58,00,00,000,28,09,2020	9 2/20
	KORBA R&M	28,00,00,000,28,09,2020	9,2020
	RAMAGUNDAM I II II REM	85,00,00,000 28 09,2020	9,2020
	TALAPAU COAL MINE	20,00.00,000 28:19.2020	19,2020
	ICRENCOARI	15,00,00,000 28 09.2020	19,2020
Total Allocated Amount	ted Amount	1 90 00 00 000	

TRANSPERRED TO LARA! 01.07.2021

	The state of the s	
BP NO 5050000891	T00001	D00008
Unsecure	Unsecured Loss From HDFC Bank Ltd. IX	
Source of Logn:	MDFC Bank Ltd. IX	
Currency	P.R.	
Amount of Loan:	60.00,00,00,000	
Total Drawn amount:	6,00,00,00,000	
Cole of drawl	18.11.2023	
Interest Type:	Floating	
Fixed interest Rate		
Base Rate, if Fliating Interest	5.95%	
Margin, If Fluering Interest ;	NIC	
Are there any Capst Floor.	YAL	
Frequency of Init. Payment	MONTHLY	
If Above is yos, specify Caps/ Floor:		
Monatorium Recipit	3 Years	
Moralarium effective from :	18.11.2020	
Repayment Period (Inc Moretorlum):	15 Years	
Receiment Frequency	12 Yearly Instalment	
Repayment Type:	AvG	
First Repsyment Date:	30,06,2024	
Base Exchange Rate	RUPEE	

Date of Base Exchange Rate:	NA		
Project Code	Project Name	Amaunt	
	BARHI	1,7%,00,00,000,00 18.11,2020	
	BARAUNHI	25,00,00,000,00 (8.11,2820	TRANSFERRED TO RANMAM 10,00,00,000 & TAPOVAN VISHNUGARH 18.00,00,000 01.01.1021
	SCLAPUR	20,00,00,000,00 (8,11,2020	
	TTPS R&M	1,00,00,00,00 00 18 11,2000	TRANSFERRED TO BARH I 01,09,2021
	SNGRALLIRAM	15,00,00,000,00 18,11,2020	
	KORBA RAM	16,00,00,00,000,00 (8.11,2020).	
	RAMAGUNDAMI & II R&M	43,50,00,000,00 (8.11,2020	
	VINDHYACHAL R&M	18,00,00,000,00,10,18,11,2020	
	FARAKKA R&M	12,00,00,000.00 18,11,2020	
	UNCHAHAR R&M	16,00,00,000,00 18,11,2020	
	RIHAND R&M	16,00,00,00,00,00 18 11,2020	
	FARIDABAD R&M	1,50,00,000,00 (8.11,2020)	
	DADRI GAS R&W	3,00,00,000,001 18 11,2020	
	TSTPP R&W	11,50,00,000,00 18 11,2020	
	KAHALGAON R&M	18,00,00,00,000,00 18.11.2020	
	SIMHADR: R&M	1,50,00,000,00 18 11,2020	
	CHATTI BARMTU CMB	25,00,00,000.00 18.11.2020	
	TALAPALI COAL MINE	75,00,00,000.00 18:11,2020	TRANSFERRED TO LARA! 01.07.2021
	KIRENDARI	10,00,00,00,000 00 18 11,2020	
Total Allo	Total Allocated Amount	5.00.00.00.00.00	

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Form 8	TRANCHE
3	

BP NO 5050001151	T00001	D00002
Unsecur	Unsecured Loan From HDFC Bank Ltd. X	
Į.	The second secon	
Snurce of Loan :	HDFC Sank Ltd, X	
Currency	N.N.	
Amount of Loan:	30.00,00,00,00,0	11.0
Total Drawn amount:	5,30,00,00,000	
Date of drawt	24.11.2021	
Interest Type:	Floating	
Fixed Interest Rate		
Base Rate, If Flyating mixest	5.83%	
Margin, If Floating Interest	N.E.	
Are there any Capst Flour.	W.	
Frequency of Intt. Payment	NONTHLY	
If Above is yes, specify Caps/ Floor.		
Monadoulum Period :	3 Years	
Monatorium effective from :	24,11,2021	
Repayment Partod (Inc Moratonum)	15 Years	
Repayment Frequency	12 Yearty Installment	1-1
Repayment Type :	AVG	
First Resegment Date:	24.11.2028	
Base Exchange Rate:	RUPEE	
Date of Base Exchange Rate:	N.Y.	
Project Code	Project Name	Amount
	MORTH XARANPURA	24/00/000/000/00/21/03/2022
	RAMMAM	3,00,00,000,00 21 03,2022
	TELANGANA	23.00.00.000.00 21.03.2022

	2,00,00,00,00	Total Allocated Amount
583%	6,56,00,000.00,21 33 2022	MOUDA-II PGD
583%	2.50,00,000,00,21,03,2022	BARH-II FGD
5.83%	3,00,00,000 (0 21 03 2022	KIRENDARI
5.83%	25.00,00.000,00 21.03.2022	TALAPAU COALMINE
5835	26,00,00,000,00 21,113,21122	DULANGA COAL MINE
5.835	5,00,00,000,00 21 33,2022	CHATTI BARIATU CMB
5835	3,00,00,000,000,21 03,2022	KAHALGAON RSM
5.83%	15,00,00,000,00 21,03,3022	MINAND SEA
5.83%	4,00,00,000,000,21,03,2022	UNCHARAS RAM
5.83%	10,00,00,000,00 21,03,2022	FARAKKA REM
5.83%	7,00,00,000,00 21 03,2022	VINDHYACHAL REM
5.83%	40,00,00,000,00 21,03,2022	RAMAGUNDAMIBIEM
5,83%	25,00,00,000,000,11,119,2122	KORBARSM
5,83%	15,40,00,00,000,00 21,03,2022	SINGRAUU RAM
5,83%	20,00,00,000.00 21.03.2022	BARAUNTI
5,63%	65,00,00,000.00 21 (13.2022	TANDA-II
5.83%	77,00,00,000.00 21.03.2022	DARLPALLI
5.83%	50,00,00,000.00 21 03 2022	GADARWARA
6.83%	50,00,00,000,00 21.33,2022	LARA

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

BP NO 5050001263	T00001	10000	
Unseco	Unsecured Loan From Industrid Bank		
	10 to		
Shurte of Loan :	Industria Bank		
Currency	- N.		
Amount of Loan:	15:00,00,00,000		
Total Drawn amount:	2,16,42,00,000		
Date of Drawat	15.07.2022		
Interest Type:	FLOATING		
Rate of interest	6.82%		
Mergin, if Floeing Interest	0000		
Are there any Capar Floor	Y.M.		
Frequency of Intt. Payment	MONTHLY		
f Above is yes, specify Capsi Floor:			
Monitorium Period :	SYears		
Moradulum effective from	15,10,22		
Repayment Ported (Inc Moratorium)	15 Years		
Repayment Frequency:	12 Equal annual Instalments		
Repayment Type	AVG	1-1	
ust Repayment Date :	16-14-26		
Base Exchange Rate:	RUPEE		
Date of Base Exchange Rate:	×2		
Project Code	Project Name	Amount	
	ETTAYAPURAM SOLAR(230MW)	14 42,00,000,00 15 07 2023	207 2023
	NORTH KARANPURA	52,00,00,000,00 15,07,2022	5.07.2022
	DEVIKOT SOLAR-90MW	13,00,00,000,00 15,07,2022	5.07.2022
	SAMBHU XI BHURI SOLAR 250.	9,00,00,000,00 15,07,2022	5.07,2022

50001 50001 50001 50001

	FATEHGARH (296MW)	10,00,00,000,00 15.07.	2022	DOOUT
	KAWAS SOLAR SEMW	5,00,00,000,00,15,07	2002	10000
	BARALINI (2X350MW)	8,00,00,000,000,15,07,2023	2022	10000
	SINGRALLI REM	20.00,00,000.00 15.07	2032	10000
	KORBA 5.8.M	70,00,00,000,00	2023	100000
	RAMAGUNDAM I II BEM	20,00,00,000,00 15 07.	2022	100000
	VINDHYACHAL HAM	11,00,00,000,00 15 07 15	2022	20000
	FARAKKA RAM	7,00,00,000,00,15,07,362,	.2022	100000
	CHATTI BARIATU CIMB	70.21 00.000,00,001	2022	1000C
	TALAIPAU COAL MINE	13,00,00,000,00 15,07	3002	D0001
	KRENDARI	4,00,00,000,00 15,07,3522	2522	50001
Total Attacased Services	10 Per 11	DE AND THE SHIP OF		

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

	D00006	
TRANCHENO	T00001	Unsecured Loan From Bank Of India-IV
	BP NO 50500001041	

Source of Lash	Bank Of India-IV		
Cummey:	F.13		
Amount of Loan;	2200000000		
Total Drawn amount	1,94,00,00,000		
Date of Draval:	30-03-2023		
Interest Type :	Finadrig		
Fired Interest Rate			
Base Rate, If Floating Interest	8.15%		
Margin, I' Floating Inlarest.	MIL		
Are there any Caps/ Floor:	Y.P.E.		
Frequency of Intl. Payment	Montrey		
If Above is yes, specify Capsi Floor:			
Monstantum Period :	3 Yogre		
Norsbutum effective from :	05.03.2021		
Repayment Period (Inc Moratonum)	15 Years		
Repayment Frequency	Yearty		
Repayment Type	AVG		
First Repayment Date:	07.12.2024		
Base Exchange Rate:	RUPEE		
Date of Base Exchange Rate:	23.10	1-1	
Section of the Control of the Contro	111000000000000000000000000000000000000		
Project Code	Project Name	Атори	
	NCTPP 55M	00000005	30-03-2023
	DADRIGAS RAM	00000009	30-03-7023
	SIMHADRI FLOATING	20000000	30-03-2023
	RIHAND-R&M	35000000	30-03-3023
	KORBA-RAM	32000000	30-03-3023
	VSTPS.R.K.M.	400000000	30-03-3023
	FSTPS R&M	250000000	30-03-3023
	RAMAGUNDAM-RAM	45000000	30-03-2023

1,84,00,00,000	
Total Allocated Amount	

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

TRANCHE NO

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10,00,000 21.06.2019
10,00,000 21.06.2019 D00000 Unsecured Loan From HDFC Bank Ltd. VIII DARLIPALI NORTH KARANPURA GAUARWARA LARAI BARHI Remagundem-R&M VSTPS R&M HDFC Bank Ltd. VII 15 Years 9 Yearly Instalment 25 00 00,00,000 5,00,00,00,000 21.06.2019 Fixeling Singrauf-R&M Simhsdri-R&M NCPS-FGD FSTPS R&M TELANGANA Project Name KORBA-R&M 11.06.2026 NIL YAV MONTHLY Korbs-R&M SCLAPUR 21.06.2019 MOUDA-H TANCHAL 8 Years RUPEE 8.40% Total Allocated Amount Stautes of Linan.
Currency
Amount of Loan.
Tale Dream emount;
Date of straw
Interest Type.
Fixed Interest Rate.
Fixed Interest Rate.
Rate Rate, it Floating Interest
Merght, it Thours Interest.
Are there any Capal Floor
Interputency of Intt. Payment
If Abrov is yes, specify Capal Floor: Moratonium Renod:
Moratonium effective from:
Repsyment Pentod (inc Moratonum)
Repsyment Frequency Date of Base Exchange Rate First Repayment Date Base Exchange Rate BP NO 5050000791 Reperment Type Project Code

Debiez De

D00002

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Statement (Riving Debats of Project Financed through a Combination of Joan Form 8

	Deces	
TRANCHENO	T00001	を含めている。 かんしん はいない でんしょう こうかん かっかん カップ・ファイン アンドラス
	BP NO 5050000791	

Spurce of trans	HDFC Bank Ltd. VII		
Currency	NR.		
Amount of Loan :	25.00,00,00,000		
Folal Drawn emount:	1,70,00,00,000		
Date of drawl	01,01,2020		
Interest Type :	Floading		
Fixed Interest Rate:			
Base Rare, If Finaling market	7,65%		
Margin, If Floating Interest	Nit		
Are there any Caps/ Floor.	N.A.		
Frequency of Intt. Psyment	MONTHLY		
if Above is yes, specify Caps/ Floor:			
Montantum Period	6 Years		
Morabulum effective from :	01.01.2020		
Repayment Penad (Inc Moratarium) :	15 Years		
Reportment Frequency	9 Yearly Instalment		
Reportment Type	AVG		
First Repayment Date :	11.06.2026	11.11	
Base Exchange Rate:	RUPEE		
Date of Base Exchange Rate:	N.A.		
Project Code	Pruject Name	Amount	
- CO. CO.	KORBA R&M	20,00,00,00,00,01,01,2020	T00002
	RAMAGUNDAM RAM	48,00,00,000 01 01 2020	100001
	VINDHYACHAL RAM	40,00,00,000,01,01,2020	100001
	FARACKA RAM	30,00,00,000,0101.01,2020	T0000T
	UNCHARAS BAM	10,00,00,000,01.01,2020	T00001
	RIHAND SEM	10,00,00,000,01,01,2020	100001
	TSTPP RSM	19,00,00,000 01.01.2020	T0000.
0.0000000000000000000000000000000000000	KAHALGAON BEM	10,00,00,000 01 01 2020	100001
Total Allocated Amount	Amount Ped Amount	1,70,00,00,000	

Debugs Debugs Debugs Debugs Debugs Debugs Debugs

D00004 Form & TRANCHE NO T00001

ES NO ENEODOS ES	TOODUT	DAMAGA
dr no dodout tot	1 AAAA	200000
Unsecure	Unsecured Loan From HDFC Bank Ltd. X	
SATISFACE OF THE SATISF		
Source of Losin:	HDFC Bank Ltd. X	
Curency	INR	
Amount of Loan:	30.00,00,00,000	
Total Drawn amount:	6,30,00,00,000	
Cate of drawl	12.05.2022	
Interest Type :	Rosbing	
Pixed Interest Rate		
Base Rate, If Floating Interest	\$ 83%	
Margin # Finating Interest	N.	
Are there any Capst Floor	NW.	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor:	The second secon	
Monationum Period :	3 Years	
Monatorium effective from :	24.11.2021	
Repayment Period (Inc Moratorium)	15 Years	
Repayment Frequency	12 Yearly Instalmort.	

Repairment Type:	AVG		
First Repayment Date:	24.11.2025		
Base Exchange Rate	RUPEE		
Date of Base Evchange Rate :	NA		
Project Code	Project Name	Amount	
	NORTH KARANPURA	53,00,00,000,00 <2.05,2022	683%
	KAYAKULAM FLOATING	40,00,00,000,00 12,05,2022	5,835.
	AURANA SOLAR ES 20	5,00,00,000 00 12,05,2022	5.83%
	JETSAR SOLAR	10,00,00,000,00 12,05,2022	5.83%
	DEVIKOT SOLAR	5,00,00,000.00 12.85.2822	5.83%
	DEVIKOT SOLAR-90MW	20,00,00,000.00 12,05,2022	5.83%
	NOWHIA SOLAR	1,00,00,00,000,000,12.05.2022	5835
	ETTAVAPURAM SOLAR	5,50,00,000,00 12,05,2022	5.83%
	RIMAND-SOLAR	1,00,00,000,00 12,05,2022	5.83%
	KANNAS SOLAR	5,00,00,000,00 12,05,2022	5.83%
	ANTASCLAR	8,58,00,000.00 12:05:2022	5.83%
	SOLAPUR SOLAR	5,00,00,000.00 12.05.2022	583%
	NOKH SOLAR PLOT-I (245MM)	39,00,00,000.00 12.05.2022	6.83%
	NOXH SOLAR PLOT-III (245M)	39,00,00,000,00 12,05,2022	5.83%
	SINGRALLI-REM	13,00,00,000,00 12,05,2022	5.83%
	KCR8A-R&M	10,00,00,000.00 72.05.2022	5.83%
	RAMAGUNDAM REM	37,00,00,000.00 12 05 2/222	5.83%
	VSTRS R&M	9,00,00,000.00 12.05.2022	5,835,
	FSTPS RAM	20,00,00,000.00 12.05.2022	6.83%
	RIHAND-RAM	20,00,00,000,00 12,05,05,2022	5,83%
	FARIDABAD RAM	5,00,00,000,00 12.05.2022	5.83%
	TSTPP RAM	10,00,00,000,00 12,05,2022	5.83%
	KAHALGACM(BRM)	10,00,00,000,00 12.05.2022	5,835,
	MCPS-STAGE+DSI	56,00,00,000,00 12,05,2022	5.83%
TOTAL AUGH	Total Allocated Amount	5,00,00,00,000	

Statement Giving Details of Project Financed through a Combination of town Porm 8

	TRANCHEND	
BP NO 8060001042	T0000T	000002
	Unsecured Losn From ICICI-VII	000000
Source of Loan	ICICHAIL	
Cumency	P.R.	
Amount of Loan:	20 00,00,00,000	
Total Deans amount	977.24 00 000	

500	Unsecured Loan From ICICINVII
Source of Loan:	ICICIANI
Currency	DIR
Amount of Loan:	25.00,00,00,000
Total Drawn amount:	000'00'12'1'00
Date of Drawal	05.03.2021
Interest Type:	Fisabrig
Fixed Interest Rate:	3 100000
Base Rate, If Floating Interest	6,009
Margin, if Floating Interest:	NIL
Are there any Caps/ Plan:	NA.
Frequency of Intt. Payment	MONTHLY
If Above is yes, specify Cepsil Floor:	00
Morafortum Period	3 Years
Monabatum effective from :	05.03.2021
Repayment Period (inc. Narstanum) :	15 years
Married and Application of the Commence of the	

Repayment Frequency.	12 Yearly Instalment		
Repayment Type	AwG		
First Repayment Date:	30.12,2024		
Base Exchange Rale	RUPEE		
Date of Base Exchange Rate :	N.A.		
Project Code	Project Name	Amount	1.00
	THDC	5,06,81,00,000,00,05,03,2021	Transferred on 24:11.2021
	NEEPCO	2.70,40,00,000,00,05,03,2021	Transferred on 24.11.3021
	BILHAUR SOLAR 140MW	25,00,00,000,00,03,2021	
	BEHAUR SOLAR BSWW	4,00,00,00,00,00,05,03,2021	
	AURAIYA SOLAR 20MM	18,00,00,000,00,05,03,2021	
	JETSAR SOLAR	5,00,00,00,00,00,05,03,2021	
	DEVIKOT SOLAR	23,00,00,000,00,05,03,2021	
	SAMBHU RI BHUR,	47,00,00,000,00 05,03,2021	
	KORBA-R&M	5,00,00,00,00,00,05.03.2021	
	RAMAGUEDAMREM	10,00,00,00,00,00,05.03.2021	
	VSTPS R&N	20,00,00,000 00 05 33 2021	
	CHATTIBARIATU	20,00,00,00,00 00 05 03 2021	
	DULANGA CMB	6,00,00,00,00 05 03 2021	
	TALAIDALI	20,00,00,000,00,00,03,2021	Transferred to Lava-Lond 77, 2021
Total Allo	Total Allocates Amount	9,77,21,00,000,00	A STANDARY I TREATMENT OF TRANSPORT AND

Statement Civing Details of Project Floanced through a Combination of losn
Form 8

BP NO 5050000851	T00001	100000
ean	Unsecured Loan From SBEXIII	
The state of the s	WA 100	
DOMES OF LASTIC	Servill	
Cumency:	INK	
Amount of Loan:	50.00,00,00,000	
Total Drawn amount:	2,00,00,00,000	
Deto of Dravat	24 03 2025	
Interest Type:	Fleating	
Fixed Interest Rate:		
Base Rate, If Flusting Interest	7.45%	
Margn, # Flusting Interest	NIC	
Are there any Caps/ Floor	NA.	
Frequency of Intt. Payment	Monthly	
if Above is yes, specify Caps/ Floor.		
Monatonum Period :	4 Years	
Monatonium effective from :	24.03.2020	
Repsyment Portod (Inc Morsturium)	15 Years	
Repayment Frequency:	12 Yearly Installments	
Repayment Type:	AVG	
First Repsyment Date :	24.03.2024	
Base Exchange Rate:	RUPEE	
Cate of Base Exchange Rate :	NA	
Project Cade	Project Name	Amount
	BILHAUR SOLAR 14000V	25,00,00,000,00 24,03,2020

	2,00,00,00,00,000,00	Total Allocated Amount
7.459	20,00,00,000,00 24,03,2020	TALAIPALI COAL MINE
7.459	5 PO, CO, DO CO CO 24 03 2020	DULANSA COAL MITE
7.459	20,00,00,000,00,00,24,03,2020	CHATTI BARIATU CWB
7.46%	20,00,00,000,00 24,03,3020	VINDHYACHAL R&M
7,45%	10,00,00,000,00 24,03,2020	RAMAGUNISAN RAM
7.45%	5,00,00,000,00 24,03,2020	KURBA RAM
7.45%	47,00,00,000,00 24.09.2020	SAMBHU XI BHURJ SOLAR
7,45%	23,00,00,000,00 24,03,2020	DEVIKOT SOLAR
7.45%	5,00,00,000,00 24,03,2020	JETSAR SOLAR
7,45%	16,00,00,00,000,00 24.03.2020	AURAWA SOLAR 2010V
7.45%	4,00,00,000.00 24,03,2020	BUHAUR SOLAR BEWW

Particulars				
Source of Loan - Bonds Series	73	74	75	78
Currency	INR	INR	INR	INR
Amount of Loan sanctioned (In Lakh)	2,50,000	3,99,600	3,00,000	2,00,000
Amount of Gross Loan drawn upto COD (In Lakh)	2,50,000	3,99,600	3,00,000	2,00,000
Interest Type	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	6.43%	6.87%	%69.9	7.44%
Base Rate, if Floating Interest	N/A	N/A	N/A	N/A
Margin, if Floating Interest	N/A	N/A	N/A	A/A
Are there any Caps/Floor	S _O	oN N	o _N	°Z
If above is yes, specify caps/floor	N/A	N/A	N/A	N/A
Moratorium Period (In Years)	10	15 Years and 1 day	10	10
Moratorium effective from*	27-01-2021	20-04-2021	13-09-2021	25-08-2022
Repayment Period	Bullet	Bullet	Bullet	Bullet
	Repayment	Repayment	Repayment	Repayment
Repayment effective from	27-01-2031	21-04-2036	13-09-2031	25-08-2032
Repayment Frequency	Bullet	Bullet	Bullet	Bullet
	Repayment	Repayment	Repayment	Repayment
Repayment Instalment (In Lakh)	2,50,000	3,99,600	3,00,000	2,00,000
Base Exchange Rate	N/A	N/A	A/A	N/A
Door to Door Maturity (In Years)	10	15 Years and 1 day	9	10

Name of the Projects	73	74	75	78
Ramagundam I & II R&M	4,200.00	3,300.00	8,985.00	1,800.00

2,50,000.00 3,99,600.00 3,00,000.00 2,00,000.00

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Particulars	24	58	19
Series	54	58	61
Source of Loan	SONDS	BONDS	BONDS
Currency	INE	INR	INR
Amount of Loan sanctioned	1030683	30000	107250
Interest Type	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	8.49%	8.18%	8.10%
Base Rate, if Floating Interest	NA	NA	N/A
Margin, if Floating Interest	NA	NA	N/A
Are there any Caps/Floor	No	No	cN
if above is yes, specify caps/floor	N/A	N/A	N/A
Moratorium Period	10	2	5
Moratorium effective from	25-03-2015	31-12-2015	27-05-2016
Repayment Period1	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment	installments Due on 27/05/2021, 27/05/2026 & 27/05/2031
Repayment effective from	25-03-2023	31-12-2020	27-05-2021
Repayment Frequency	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment	Installments Due on 27/05/2021, 27/05/2026 & 27/05/2031
Repayment Instalment	Installments 1st - 206,136.81 2nd - 412,273.22 3rd - 412,273.22	30000	Installments 1st- 35,750.00 2nd- 35,750.00 3rd- 35,750.00
Base Exchange Rate	WA	NA	N/A
Door to Door Maturity	10	2	15

n of corporate loans to various projects during the FY 2014-19

	3,900
total	200
	50
	1,000
	2,400
Name of the Projects	Ramagundam 1.8 II R&M

Check repayments year in form 13

0,175%	0.075%
0.35%	0.15%
6.30% 100000000.00	45000000
6,30%	8.15%
5-Mar-21 ICICI Bank-VII	29-03-2023 Bank of India-IV
6.65%	8.30%
1 State Bank of India - XIII	2 Axis Bank II

Name of the Generating Station COD For Financial Year				Total Control						
the Generating Stationicial Vear				NIPC Limited		0				
100	no			amagundam	Super Therm	ial Power Si	Ramagundan Super Thermal Power Station Stave-L&II			
100				01-04-1991						
Trend of			6	2024-29 (Summary)	nary)					6
Tend of										Amount in Rs Lakh
TO PROPERTY.	Read of Work Æquipment	2024-25	ACE Claimed 2025-26 202		Acnial / Projected)	2028-29	Regulations under which claimed	Justification	non	Admitted Cost by the Commission, if any
	2	3	4	3	9	7			90	6
Works eligble for RoE at Normal Rate	Est Normal Rate									
Truck uppler for Biomass pellets handling	ass pellets handling			40.1			19(3)(h), 26(1)(b) & 26(1)(g)			
Replacement of old BC	Replacement of old BOBR wagons with new ones				2,023.7		19(3)(e.j. & 25(2,(b.)	Please refer Form -9 of respective year	of respective year	
Sub Total (A)		x	35	10,1	2,623.7	30	r			
Vorks eligble for RoE	Works elighle for RoE other than normal Rate (linked with SBI MCLR)	d with SBT N	(CUR)							
Chimney aviation lights				204.8			26(1)(b)			
Hydrobins sytems						12,459.6	26(1)(b) read with 26(1)(e)	Please refer Form -9 of respective year	st respective year	4
Replacement of Halous	Replacement of Halou system with inter gas system.	200					26(1)(b) with 76			
Sub Total (B)		564.0	. 25	204.8		12,459.6				
Total Add Cap Claimed for Tariff	ariff	564.0	18	244.9	2,923.7	12,459.6				

Name o Name o COD For Fina	Name of the Petitioner Name of the Generating Station COD For Financial Year	Year wise Statement of A NTPC Limited Ramagundam Super Thermal Power Station Stgae-I&il 01-04-1991	<u>Y</u> Super Therma	ear wise Sta	tement of	Additional Ca	Year wise Statement of Additional Capitalisation after COD al Power Station Stgae-I&II	
							An	Amount in Rs Lakhs
SI No.	Head of Work /Equipment	Accrual basis as per	ACE C Un- discharged	ACE Claimed (Actual) Cash basis in	IBC IDC included	Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		IGAAP	included in col. 3		E 001.3			
	2	3	4	5= (3-4)	9	7	88	6
ď	Works eligble for RoE at Normal Rate	e.						
	Total (A)	х	*		4			
	Works eligble for RoE other than normal Rate (linked with SBI MCLR)	mal Rate (linke	d with SBI M	CLR)				
a	Replacement of Haion system with inert gas system.	564	<u>3</u>	564.00		26(1)(b) with 76.	Hon'ble Commission vide order dtd 05.10.2023 in Petition no. 416/GT/2020 was pleased to allow the projected claim of "Replacement of Halon system with inert gas system" under Regulation 26(1)(b) of Tariff Regulations 2019 during the control period 2019-24. However the said work could not be completed due to reasons beyong the control of petitioner. The same is now projected to be capitalised during 2024-25. The work is being done for meeting the requirement under the Rules framed by Central Government [Le rules for Ozone Depleting Substances (ODS) (Regulation and Control) Rules, 2000 under the the Environment (Protection) Act 1986) and subsequently incorporated by CEA in its Technical Standards Regulations. Hon'ble Commission may be pleased to allow the capitalisation during 12024-25 under Regulation 26(1)(b) [Change in law/compliance of existing law] with Regulation 102 [Power to relax] of Tariff Regulations, 2024.	
	Total (B)	564.00	()	564.00				
A Is	Total Add. Cap. Claimed (A+8)	564.00		564.00				

Name	Name of the Petitioner Name of the Generating Station	NTPC Limited Ramagundam	Year wise Statement of A NTPC Limited Ramagundam Super Thermal Power Station Stgae-1&11	Year Wise St I Power Stati	atement of	Year wise Statement of Additional Capitalisation after COD al Power Station Stgae-I&II	isation after COD	PART-I
COD For Fin	COD For Financial Year	01-04-1991 2025-26						Amount in Rs Lakhs
SI, No.	Head of Work /Equipment		ACE C	ACE Claimed (Actual)	(jer	Regulations	Justification	Admitted Cost by
		Accrual basis as per IGAAP	Un- discharged Liability included in col. 3	Cash basis	IDC included in col. 3	under which claimed		the Commission, if any
+1	7	m	4	5= (3-4)	9	7	88	6
ď	Works eligble for RoE at Normal Rate	et.						
	Total (A)							-7.0
	lotal (A)	(0)	9)	es:	ĵŭ.			
œ	Works eligble for RoE other than normal Rate (linked with SBI IMCLR)	rmal Rate (link	ed with SBI M	(CLR)				V
	Total (B))))(3 %	1				
otal	Total Add. Cap. Clalined (A+B)	x	(R)	¥:				
								(Petitioner)

	Name of the Petitioner. Name of the Generating Station COD For Financial Year	NTPC Limited Ramagundam 01-04-1991 2026-27	Year wise Ramagundam Super Thermal Power Station Stgat-16H 01-04-1991 2026-27	al Power Stati	Year Wis	e Statoneof	Year wise Statement of Additional Capitalisation after COD Stgae-1&H	7-68-07
SI. No.	Head of Work /Equipment		ACEC	ACE Claimed (Actual)	(ie	Regulations	Justification	Admitted Cost by
		Accrual basis as per IGAAP	Un- discharged Liability included in col. 3	Cash basis	included in col. 3	under which claimed		the Commission, If any
	2	e	क	5= (3-4)	w ·	1	.89	6
€ <u>1,44</u>	Works eigble for Biomass pellets handling.	1 O P		40.10	1199-23-	19(3)(h), 26(1)(b) & 26(1)(g)	Ministry of Power, Government of India, vide letter No. 11/86/2017-Th11 dated 17.11.2017 has issued the "Policy for Biomass Utilization for Power Generation through Co-firing in Pulverized Coal Fried Boilers" wherein it is envisaged that fluidized bed and pulverized coal units shall endeavour to use 5.10% blend of biomass pellets made, primarily of agro residue along with coal. MoP, GoI policy for Biomass Utilization is attached as Annexine-0. Subsequently, in order to promote co-firing of biomass in thermal power plants. Ministry of New and Renewable Energy (MNRE), Government of India, vide its notification dated 26.9.2019 has darified that the power generated from co-firing of biomass in thermal power plants is renewable energy and is eligible for meeting non-solar Renewable Purchase Obligation (RPO) and has requested this Commission to formulate and notify the procedure/methodology for quantifying the energy produced from biomass in biomass co-fired thermal power plants in a reliable and accurate manner. Accordingly, Hor bio CRRC vide suo moto order data 18.02.2020 in petition no. 12/SM/2019 (Attached as Annexine-12) has formulated Methodology for Estimation of Electricity provision for add cap beyond original scope regarding biomass handling. For the petitioner is neceporating Truck tippler for Biomass pellets handling in order to allowing use of biomass in the instant generating station. Regulation 19(3) provides for addition in capital cost of an existing project for capital expenditure on account of biomass handling equipment and farilities for co-firing. Further Regulation 26(1)(e) provides for additional	
	Total (A)	40.10	int.	40.10	i i		Commission may be pleased to allow the same under Regulation 19(3)(h), 26(1)(b) & 26(1)(g) of Tariff Regulations. 2024.	

				_		
2	Chimney aviation lights	204.8		206.80	26(1)(b)	The International Civil Aviation Organisation (ICAO) standards provides for installation of high intensity lights to indicate the presence of an object where the height of such structure (like chiminey) is 150m or above height. Such lights to be essential for the reconition of the object by day. The ICAO standards is attached as Annexure-03. Hon ble Commission may be pleased to allow the same under Regulation 26(1)(b) [Change in law/compliance of existing law] of Tariff Regulations, 2024.
	Total (B)	204:80	100	204.80		
Total	Total Add. Cap. Claimed (A+B)	244.90	20	244.90		

Name of t Name of t COO For Finan	Name of the Petitioner Name of the Generating Station COD For Financial Year	Year MISE 5: NYPC Limited Ramagundam Super Thermal Power Station Stgae-I&II 01-04-1991. 2027-28	Thermal Power Sta	Year wise 5 tion Stgae-I&II	tatement of	Year wise Statement of Addrtional Capitalisation after COD on Stgae-1&11	isation after COD	
							Am	Amount in Rs Lalchs
SI. No	Head of Work/Equipment			ACE Claimed (Actual		Regulations under	Justification	Admitted Cost by
		Accrual basis as per IGAAP	Un-dischanged Liability included In col. 3	Cash basis	IDC included in col. 3	which claimed	ž.	the Commission, If any
-	2	æ	7	5=(3-4)	9	1	88	on
4	Works eligble for RoE at Normal Rate							
5.0	Replacement of old BOBR wagons Ith new	2023.7		2,033.70		19(3)(e.) & 25(2)(b)	The Existing BOBRN wagons have crossed useful life. Due to frequent requirement of maintenance and unavailability of spares/parts, the maintenance of existing wagons has become difficult and become univable. Therefore for meeting the coal requirement of the station, the augmentation of railway infrastructure for transportation of coal is required. Further, as per revised codal life of assets did 06,06,2022 of Ministry of Railways, GOI, the average life of the BOBRN wagon is 35 years. Indian milway code is attached as Annexure-os. The Honble Commission may be pieased to allow the same under Regulation 19(3)(e) [Railway infrastructure & augmentation] and Regulation 25(2)(b) [Replacement on account of change in law).	
-	Total (A)	2,023.70	•	2,023.70				
s s	Works eligble for RoE other than normal Rate (linked with SBI MCLR)	Rate (linked with SB	I MCLR)					
-	Total (B)	/#:						
al Ad	Total Add. Cap. Claimed (A+B)	2,023.70	9	2,023.70				

Name of the Generating Station COD	NTPCLimited		Year	wise State	ment of Addit	Year wise Statement of Additional Capitalisation after COD	S Hand
For Financial Year	Ramagundan 01-04-1991 2028-29	Ramagundam Super Thermal Power Station Stgae-I&II 01-04-1991 2028-29	wer Station S	(gae-I&II		Amount	Amount in Be Laide
St. No. Head of Work /Faulament		ACFCIA	ACF Claimed (Actual)		Regulations	neighball	Admitted
50,"	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3	under which claimed		Cost by the Commissio n, if any
1 2	3	4	5= (3-4)	9	1	.00	6
A. Works eligble for RoE at Normal Rate							
Total (A)	1		×	0			
B. Works eligble for RoE other than normal Rate (linked with SBI MCLR)	rmal Rate (link	ad with SBI MCLR		(
Hydrubins sytems	12459.6		12459.6		26(1)(b) read with 26(1)(e)	Hydrobins are envisaged for Ash handling system to achieve 100% ash utilisation as per the notification dated 25.01.2016 issued by MoEFCC. Achieving 100% Ash utilisation is statutory requirement from MoEF. Even mine void filling is contributing a considerable portion in ash utilisation. Hydrobins will provide the prescribed quality of bottom ash having 1% particles of less than 53 microns as prescribed by Directorate General of Mines Safety throughout the year on continuous basis. This will help in sustainable utilization of bottom ash from the station of prescribed quality for mine void filling and also achieve the utilization of ash up to the extent of 100%. This will also get reduced. Ash sturry from existing bottom ash and also the ash pumping cost to ash pond will also get reduced. Ash sturry from existing bottom ash transfer (BAT) pump discharge lines will be further boosted and will be collected in Hydro bins. The booster ash slurry pumps will be installed in series with existing BAT pumps for this purpose. Cast basalt lined pipelines from Booster ash slurry pump to Hydro bins will get transported by Rail or Road for mine void filling thus improving the Ash Utilization. Relevant supporting documents are attached at Annexure-05. Hon'ble Commission vide order dtd 25.9.21 has allowed add cap of Hydrobins under Reg 26(1)(b) [change in law] of Tariff Regulations, 2019 in another station of petitioner. Hon'ble Commission may be pleased to allow the same for the instant station.	
Total (B)	12459.6	0.0	12459.6				
Total Add, Cap. Claimed (A+B)	12459.6	0.0	12459,6				

										PART-I FORM- 10
Name of	Name of the Petitioner	ner		NTPC Limited	nited					
Name of	Name of the Generating	ating Station	no	Ramagun	dam Supe	r Therma	Power St	Ramagundam Super Thermal Power Station Stgae-L&II	e-I&II	
Date of C	Date of Commercial Op	1 Operation	u	01-04-1991	_					
								Amount in	Amount in Rs Lakh	cont.
Financial			Actual					Admitted		
Year	2024-25	2025-26	2026-27	2027-28	2028-29	2024-25	2025-26	2026-27	2027-28	2028-29
		3	4	5	9	7	8	6	10	11
Amount c	Amount capitalised in Work/ Equipment	n Work/ E	quipment							
Financing Details Loan-2 Loan-3 an Total Loa Equity Internal Others (Pl	20		dd cap is	Add cap is proposed to be finance in Debt:Equity ratio of 70:30	o be finan	ce in Debi	:Equity 13	atio of 70:3	0	
									(Petiti	(Petitioner)

							PART-I FORM- 12
		Statement of Depreciation	Depreciation				
Nan	Name of the Company : Name of the Power Station :	NTPC Limited Ramagundam	NTPC Limited Ramagundam Super Thermal Power Station Stgae-I&II	Power Station	Stgae-I&II	(Aim	Amount in Re Lakh)
κi δ	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
-	2	6	4	9	9	7	00
	A. FOR EXISTING ASSETS						
-	Ιã	2,26,993.06	2,30,501.87	2,30,601.87	2,30,601.87	2,30,601.87	2,30,601.87
7	Closing Capital Cost	2,30,601.87	2,30,601.87	2,30,601.87	2,30,601.87	2,30,601.87	2,30,601.87
က	Average Capital Cost	2,28,797.47	2,30,601.87	2,30,601.87	2,30,601.87	2,30,601.87	2,30,601.87
12		1,013.88	1,105.06	1,105.06	1,105.06	1,105.06	1,105.06
2a	0	1,105.06	1,105.06	1,105.06	1,105.06	1,105.06	1,105.06
3a	Q	1,059.47	1,105.06	1,105.06	1,105.06	1,105.06	1,105.06
4	Freehold land	2,641.27	2,641.27	2,641,27	2,641.27	2,641,27	2,641,27
'n	Rate of depreciation		5.28	74	-		35
9	Depreciable value	2,03,646.52	2,05,275.05	2,05,275.05	2,05,275.05	2,05,275.05	2,05,275.05
7	Balance useful life at the beginning of the period	JI (io.	187	114		35
တ	Remaining depreciable value	6,316,85	3,678.13	934	174		10g
တ	Depreciation (for the period)	6,316,65	3,678.13	934	314	700	39
9	Depreciation (annualised)	6,316.65	3,678.13		•	Cai 🖢	3 //
-1	Cumulative depreciation at the end of the period	2,03,646.52	2,05,275,05	2,05,275,05	2,05,275.05	2,05,275.05	2,05,275.05
42	Less: Cumulative depreciation adjustment on account of undischarged liabilities deducted as on 01.04.2009	Э	195	Ner	360	(0)	(*)
41	Less: Cumulative depreciation adjustment on account of de- capitalisation	2,049.60)(* 5)	Tower	(1)	•	•
15	Net Cumulative depreciation at the end of the period after adjustments	2,01,596.92	2,05,275.05	2,05,275,05	2,05,275.05	2,05,275.05	2,05,275.05
	* Cost of IT Equipments & Software will be provided at the time of truing up	of truing up					
	B. For New Assets (proposed in 2024-29 period)			r=			
16	-		X.	564.00	564.00	808.90	2,832.60
17	Additional capital expenditure		264.00	***	244.90	2,023.70	12,459.60
13	Closing capital cost		264.00	564.00	808.50	2,832.60	15,292.20
9			282.00	564.00	686.45	1,820.75	9,062.40
20	-						
21	Depreciable Value		253.80	207.60	617.81	1,638.68	8,156.16

22	Cumulative depreciation at the beginning of the year		253.80	507.60	617.81	1,638.68
23	Balance depreciable value	253.80	253.80	110.21	1,020.87	6,517.49
24	Balance useful life at the beginning of the year	1,00	1.00	1.00	1.00	1,00
25	Depreciation Rate					
26	Depreciation for the year	253.80	253.80	110.21	1,020.87	6,517,49
27	Cu. depreciation adjustment on account of de-capitalisation					
28	Cu. Depreciation at end of the year	253.80	507.60	617.81	1,638.68	8,156.16
	C. For total Assets (A+B)					
29	Opening capital cost	2,30,601.87	2,31,165.87	2,31,165.87	2,31,410,77	2,33,434.47
30	Additional capital expenditure	564.00		244.90	2,023.70	12,459.60
33	Closing capital cost	2,31,165.87	2,31,165.87	2,31,410.77	2,33,434.47	2,45,894.07
32	Average capital cost	2,30,883,87	2,31,165.87	2,31,288.32	2,32,422.62	2,39,664.27
33	Freehold land	2,641.27	2,641.27	2,641.27	2,641.27	2,641.27
34	Depreciable Value	2,05,528.85	2,05,782.65	2,05,892.86	2,06,913.73	2,13,431,21
35	Cumulative depreciation at the beginning of the year	2,01,596.92	2,05,528,85	2,05,782.65	2,05,892.86	2,06,913,73
36	Balance depreciable value	3,931,93	253.80	110.21	1,020.87	6,517.49
37	Balance operational life at the beginning of the year	1.00	1.00	1.00	1.00	1.00
38	Depreciation Rate		The state of the s		000000	
39	Depreciation for the year	3,931.93	253.80	110.21	1,020.87	6,517.49
40	Cu. depreciation adjustment on account of de-capitalisation			The second second		
41	Cu. Depreciation at end of the year	2,05,528.85	2,05,782.65	2,05,892.86	2,06,913.73	2,13,431.21
						(Petitioner)

0.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1					FORM-13	
Calculation of Interest on Actual Loans						
ame of the Company	NTPC Limited	1				
ame of the Power Station	Ramagundan	1811				
				- 74	marint In Incal	
Particulars	2024-25	2025-26	2026-27	2027-28	mount in lacs) 2028-29	
SBI VIII D-1 Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.0C	
Cumulative repayments of Loans upto previous year Net loan - Opening	1666.67 3333.33		2777.78 2222.22		3888.89 1111.11	
Addition						
Repayments of Loans	555.56		555.56		555.58	
Net loan - Closing	2777.78		1666.67	2733115	555.56	
Average Net Loan	3055.56		1944.44		833.33	
Rate of Interest	8.2000%		8.2000%		8.2000%	
Interest on loan	250,56	205.00	159.44	113,89	68,33	
SBI VIII D-11						
Gross loan - Opening	1100.00	1100.00	1100.00	1100.00	1100.00	
Cumulative repayments of Loans upto previous year	366.67	488.89	611,11	733.33	855.56	
Net loan - Opening	733.33	611,11	488.89	366.67	244.44	
Addition	0.00	0.00	0.00	0.00	0.00	
Repayments of Loans	122.22	122.22	122.22	122.22	122.22	
Net loan - Closing	611.11	488.89	366.67	244.44	122.22	
Average Net Loan	672.22	550.00	427.78	305.56	183.33	
Rate of Interest	8.2000%	8,2000%	8.2000%	8.2000%	8.2000%	
Interest on loan	55.12	45.10	35.08	25.06	15.03	
SBI VIII D-18						
Gross loan - Opening	1500.00	1500.00	1500.00	1500.00	1500.CC	
Cumulative repayments of Loans upto	1000.00	1500,00	1500.00	1500.00	1500.00	
previous year	500.00	666.67	833.33	1000.00	1166.67	
Net loan - Opening	1000.00	833.33	666.67	500.00	333.33	
Addition	0.00				0.00	
Repayments of Loans	186.67		0.37.00		166.67	
Net loan - Closing	833.33	666.67	500.00		166.67	
Average Net Loan	916.67		583.33		250.0C	
Rate of Interest	8.2000%		8.2000%		8.2000%	
Interest on loan	75.17		47.83	34.17	20.50	
SBI XI D-4						
Gross loan - Opening	3600.00	3600.00	3600.00	3600.00	3600.CC	
Cumulative repayments of Loans upto previous year	800.00		1600.00		2400.00	
Net loan - Opening	2800.00				1200.00	
Addition	500				0000	
Repayments of Loans	400.00			100000	400,00	
Net loan - Closing	2400.00		1197-250-201120		800.00	
Average Net Loan	2600.00		5-6-2-2-100 PM		1000.00	
Rate of Interest	8.2000%		8.2000%	The state of the s	8.2000%	
Interest on loan	213.20	180.40	147.60	114.80	82.00	

Gross loan - Opening Cumulative repayments of Loans upto	2000.00	2000.00	2000.00	2000.00	2000.00	
previous year	444.44	666.87	888.89	1111.11	1333.33	
Net loan - Opening	1555.56	1333,33	1111.11	888.89	666.67	
Addition	8					
Repayments of Loans	222.22	222.22	222.22	222.22	222.22	
Net loan - Closing	1333.33	1111.11	888.89	666.67	444.44	
Average Net Loan	1444.44	1222.22	1000.00	777.78	555.56	
Rate of Interest	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%	
Interest on loan	118.44	100.22	82.00	63.78	45.56	
SBI IX D-9						
Gross loan - Opening	2500.00	2500.00	2500.00	2500.C0	2500.CC	
Cumulative repayments of Loans upto	2000,00	200,00	2000.00	2000,00	2000,00	
previous year	1111.11	1388.89	1666.67	1944.44	2222.22	
Net loan - Opening	1388.89	1111.11	833.33	555,56	277.78	
Addition	-	*	*	*	-0	
Repayments of Loans	277.78	277.78	277.78	277.78	277,78	
Net loan - Closing	1111.11	833.33	555.56	277.78	0.00	
Average Net Loan	1250.00	972.22	694.44	416.67	138.89	
Rate of Interest	8.2000%	8.2000%	8.2000%	8.2000%	8.2000%	
Interest on loan	102.50	79.72	56.94	34.17	11.39	
	1.300.75	.,1.550.75	C191711			
PNB-III D-3	4000.00	4000.00	4000.00	4000.00	4000.00	-
Gross loan - Opening Cumulative repayments of Loans upto	4000.00	4000.0C	4000.00	4000.00	4000.C0	
previous year	1333.33	1777.78	2222.22	2666.67	3111.11	
Net loan - Opening	2666.67	2222.22	1777.78	1333.33	888.89	
Addition	0.00	0.00	0.00	0.00	0.00	
Repayments of Loans	444.44	444.44	444.44	444,44	444.44	
Net loan - Closing	2222.22	1777.78	1333.33	888.89	444.44	-
Average Net Loan	2444.44	2000.00	1555.56	1111.11	666.67	-
Rate of Interest	7.9000%	7.9000%		The state of the s	7.9000%	-
Interest on loan	**************************************	158.00	7,9000%	7.9000%	**************************************	
Interest on loan	193.11	120.00	122.89	87.78	52.67	
PNB-III D-4	5000000000	NO. OF CONTROL OF CONT	CITIONEN INCH	GENERAL CONTRACTOR		
Gross loan - Opening	10000.00	1000C.00	10000.00	10000.00	10000.C0	
Cumulative repayments of Loans upto	2022.00			2000 07		
previous year	3333.33	4444.44	5555.56	6666.67	7777.78	-
Net loan - Opening	5666.67	5555.56	4444.44	3333.33	2222.22	
Addition	0.00	0.00	0.00	0.00	0.00	
Repayments of Loans	1111.11	1111,11	1111,11	1111.11	1111,11	
Net loan - Closing	5555.56	4444.44	3333,33	2222.22	1111.11	-
Average Net Loan	6111.11	5000.00	3888.89	2777.78	1666.67	
Rate of Interest	7.9000%	7.9000%	7.9000%	7.9000%	7.9000%	
Interest on loan	482.78	395.00	307.22	219.44	131.67	-
HDFC VI D-1						
Gross loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00	
Cumulative repayments of Loans upto previous year	C.00	0.00	1111,11	2222.22	3333.33	
Net loan - Opening	10000.00	10000.00	8888.89		6666.67	
	50.4-0	223.2		7777.78		
Addition	0.00	0.00	0.00	0.00	0.00	-
Repayments of Loans	0,00	1111.11	1111.11	1111.11	1111.11	
Net loan - Closing	10000.00	8888.89	7777.78	6666.67	5555.56	
Average Net Loan	10000.00	9444.44	8333.33	7222.22	6111.11	-
Rate of Interest	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%	-
Interest on loan	795.00	750.83	662.50	574.17	485.83	

HDFC IV D-4						
Gross loan - Opening	22000.00	2200C.00	22000.00	22000.00	22000.00	
Cumulative repayments of Loans upto				1157.3-5111575	5-5-5-5-5-1-5-1-5	
previous year	7333.33	9777.78	12222.22	14666.67	17111.11	
Net loan - Opening	14666.67	12222.22	9777.78	7333.33	4888.89	
Addition	0.00	0.00	0.00	0.00	0.00	
Repayments of Loans	2444.44	2444.44	2444.44	2444.44	2444.44	
Net loan - Closing	12222.22	9777.78	7333.33	4888.89	2444.44	
Average Net Loan	13444.44	11000.00	8555.56	6111.11	3666.67	
Rate of Interest	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%	
Interest on loan	1068,83	874.50	680.17	485.83	291,50	
Indusind Bank						
Gross loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.CC	
Cumulative repayments of Loans upto	22.000	20000	23.000.000.000	100000000000000000000000000000000000000		
previous year	0.00	0.00	0.00	222.22	444.44	
Net loan - Opening	2000.00	2000.00	2000.00	1777.78	1555.56	
Addition	0.00	0.00	0.00	0.00	0.00	
Repayments of Loans	0.00	0.00	222.22	222.22	222.22	
Net loan - Closing	2000.00	2000.00	1777.78	1555.56	1333.33	
Average Net Loan	2000.00	2000.00	1888.89	1666.67	1444.44	
Rate of Interest	8.0500%	8.0500%	8.0500%	8.0500%	8.0500%	
Interest on loan	161,00	161.00	152.06	134.17	116.28	
HDFC Bank Limited-IX D-5						
Gross loan - Opening	8500.00	8500.00	8500.00	8500.00	8500.00	
Cumulative repayments of Loans upto	0.00	708.33	1416.67	2125.00	2833.33	
previous year		1.0000000000000000000000000000000000000	- 2/2/1/25/5/2		357757576776	
Net loan - Opening	8500.00	7791.67	7083.33	6375.00	5666.67	
Addition	0.00	0.00	0.00	0.00	0.00	-
Repayments of Loans	708.33	708.33	708.33	708.33	708.33	
Net loan - Closing	7791.67	7083,33	6375.00	5666.67	4958.33	
Average Net Loan	8145.83	7437.50	6729.17	6020.83	5312.50	-
Rate of Interest	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%	
Interest on loan	647.59	591.28	534.97	478.66	422.34	
HDFC Bank Limited-IX D-8						
Gross loan - Opening Cumulative repayments of Loans upto	4350.00	4350.00	4350.00	4350.C0	4350.CC	_
previous year	0.00	362.50	725.00	1087.50	1450.00	
Net loan - Opening	4350.00	3987.50	3625.00	3262.50	2900.00	
Addition	0.00	0.00	0.00	0.00	0.00	
Repayments of Loans	382,50	362.50	362.50	362,50	362.50	
170.47500 B.0701333 L.W. 180.411100	600000000	1,000,000,000	100000000000000000000000000000000000000		(FOCA144004)	
Net loan - Closing	3987.50 4168.75	3625.00	3262.50	2900.00	2537.50	
Average Net Loan Rate of Interest	3333333	3806.25	3443.75	3081.25	2718.75	
Interest on loan	7.9500% 331.42	7.9500%	7.9500% 273.78	7.9500% 244.96	7.9500% 216.14	
HDEC Bank Have-d MILD 2	COMPA	200,000	> 10000000	500,400	37004	
HDFC Bank Limited-VII D-2	4000.00	4000.00	4000.00	4000.00	4000.00	
Gross loan - Opening Cumulative repayments of Loans upto	1000.00	1000.00	1000.00	1000.00	1000.CC	
previous year	0.00	0.00	0.00	111.11	222.22	
Net loan - Opening	1000.00	1000.00	1000.00	888.89	777.78	
Addition	0.00	0.00	0.00	0.00	0.00	
Repayments of Loans	0.00	0.00	111.11	111.11	111.11	
Net loan - Closing	1000.00	1000.00	888.89	777.78	666,67	
Average Net Loan	1000.00	1000.00	944.44	833.33	722.22	_

Rate of Interest	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%	
Interest on loan	79.50	79,50	75.08	66.25	57.42	
HDFC Bank Limited-VII D-3						
Gross loan - Opening	4000.00	4000.00	4000.00	4000.00	4000.00	
Cumulative repayments of Loans upto	2525	888	888	515735	20533	
previous year	0.00	0.00	0.00	444.44	888.89	
Net loan - Opening	4000.00	4000.00	4000.00	3555.56	3111.11	
Addition	0.00	0.00	0.00	0.00	0.00	
Repayments of Loans	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	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%	
Interest on loan	318.00	318.00	300.33	265.00	229.67	
	14.1.4134758					
HDFC Bank Limited-X D-2						
Gross loan - Opening	4000.00	4000.00	4000.00	4000.00	4000.00	
Cumulative repayments of Loans upto				120000000000000000000000000000000000000	5.2TW01000	
previous year	0.00	0.00	333.33	666.67	1000.00	
Net loan - Opening	4000.00	4000.00	3666,67	3333.33	3000.00	
Addition	0.00	0.00	0.00	0.00	0.00	
Repayments of Loans	0.00	333.33	333.33	333.33	333.33	
Net loan - Closing	4000.00	3666.67	3333.33	3000.00	2665.67	
Average Net Loan	4000.00	3833.33	3500.00	3166.67	2833.33	
Rate of Interest	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%	
Interest on loan	318.00	304.75	278.25	251,75	225.25	
mierest on idan	310,00	504.75	210.20	231,73	223.23	
HDFC Bank Limited-X D-4						
Gross loan - Opening	3700.00	3700.00	3700.00	3700.00	3700.00	
Cumulative repayments of Loans upto	37.000	0,00.00	0.00.00	0,00.00	0,00.00	
previous year	0.15	0.23	0.31	0.39	0.47	
Net loan - Opening	3699.85	3699.77	3699.69	3699.61	3699.53	
Addition	0.00	0.00	0.00	0.00	0.00	
Repayments of Loans	0.00	308.33	308.33	308.33	308.33	
Net loan - Closing	3699.77	3699.69	3699.61	3699.53	3699.45	
Average Net Loan	3699.81	3699,73	3699.65	3699.57	3699.49	
Rate of Interest	7.9500%	7.9500%	7.9500%	7.9500%	7,9500%	
Interest on loan	294.13	294.13	294.12	294.12	294.11	
miterest of ibarr	254.15	254.15	234.12	234.12	234.11	
ICICI Bank-VII (Refinancing of SBI XIII)						
Gross loan - Opening	1000.00	1000.00	1000.00	1000.60	1000.00	
Cumulative repayments of Loans upto	0.0000	12566014	0.50.00000	MARGINE	52450-500	
previous year	0.00	83.33	166.67	250.00	333,33	
Net loan - Opening	1000.00	916.67	833.33	750.00	666.67	
Addition	0.00	0.00	0.00	0.00	0.00	
Repayments of Loans	83.33	83.33	83.33	83.33	83.33	
Net loan - Closing	916.67	833.33	750.00	666.67	583.33	
Average Net Loan	958.33	875.00	791.67	708.33	625.00	
Rate of Interest	8.1750%	8.1750%	8.1750%	8.1750%	8.1750%	
Interest on loan	78.34	71.53	64.72	57.91	51.09	
Marine to company to company						
Bank of India-IV	4500.00	4000 00°	4200.00	4700.00	4500.00	
Gross loan - Opening Cumulative repayments of Loans upto	4500.00	4500.00	4500.00	4500.00	4500.CC	
previous year	0.00	300.00	600.00	900.00	1200.00	
Net loan - Opening	4500.00	4200.00	3900.00	3600.00	3300.00	
Addition	0.00	0.00	0.00	0.00	0.00	
Madition	300.00	300.00	300.00	300.00	300.00	

Net loan - Closing	4200.00	3900.00	3600.00	3300.00	3000.00	
Average Net Loan	4350.00	4050.00	3750.00	3450.00	3150.00	
Rate of Interest	8.0750%	8.0750%	8.0750%	8.0750%	8.0750%	
Interest on loan	351.26	327.04	302.81	278.59	254.36	
Bond 54th series						
Gross loan - Opening Cumulative repayments of Loans upto	2400.00	2400.00	2400.00	2400.00	2400.0C	
previous year	1440.00	2400.00	2400.00	2400.00	2400.00	
Net loan - Opening	960.00	0.00	0.00	0.00	0.00	
Addition	0.00	0.00	0.00	0.00	0.00	
Repayments of Loans	960.00					
Net loan - Closing	0.00	0.00	0.00	0.00	0.00	
Average Not Loan	480.00	0.00	0.00	0.00	0.00	
Rate of Interest	8.5200%	8.5200%	8.5200%	8.5200%	8.5200%	
Interest on loan	40.90	0.00	0.00	0.00	0.00	
Bond 61th series	111 11 11 11 11 11 11 11		21111111			
Gross loan - Opening	500.00	50C,00	500.00	500.00	500.00	
Cumulative repayments of Loans upto previous year	186.67	166.67	166.67	333,33	333.33	
7010 Min 0+0+0+0 (6Mp+0/min or c	333.33	333,33	333.33	166.67	166.67	
Net loan - Opening Addition	0.00	0.00	0.00	0.00	0.00	
T. COMPLETE PAR	3100	2,000		2000	(Asserted)	-
Repayments of Loans	0.00	0.00	166.67	0.00	0.00	
Net loan - Closing	333.33	333.33	166.67	166.67	166.67	-
Average Net Loan	333.33	333,33	250.00	166.67	166.67	_
Rate of Interest	8.1300%	8.1300%	8.1300%	8.1300%	8.1300%	-
Interest on loan	27.10	27.10	20.33	13,55	13.55	
Bond 73						
Gross loan - Opening	4200.0C	4200.00	4200.00	4200.00	4200,CC	
Cumulative repayments of Loans upto	2.42	0.00	0.00	0.00	0.00	
previous year	0.00	0.00	0.00	0.00	0.00	-
Net loan - Opening	4200.00	4200.00	4200.00	4200.C0	4200.00	_
Addition	0.00	0.00	0.00	0.00	0.00	
Repayments of Loans	0.00	0,00	0.00	0.00	0.00	_
Net Ican - Closing	4200.00	4200.00	4200.00	4200.00	4200.00	-
Average Net Loan	4200.00	4200.00	4200.00	4200.C0	4200.00	-
Rate of Interest	6.4600%	6.4600%	6.4600%	5.460C%	6.4600%	
Interest on loan	271.32	271.32	271.32	271.32	271.32	
Bond 74						
Gross loan - Opening	3300.00	3300.00	3300.00	3300.00	3300.00	
Cumulative repayments of Loans upto	6.66	0.00	0.00	0.00	0.00	
previous year	3300.00	0.00	0.00	0.00	0.00	
Net loan - Opening Addition	0.00	3300.00	3300.00	3300.00	0.00	
WINDER OF THE PROPERTY OF THE	100	112063	781000		0.00	
Repayments of Loans	0.00	0.00	0.00	0.00	A C . I A T . C . C . C . C . C . C . C . C . C .	
Net loan - Closing	3300.00	3300,00	3300.00	3300.00	3300,00	
Average Net Loan	3300.00	3300.00	3300.00	3300.00	3300.00	
Rate of Interest	6.9000%	6.9000%	6.9000%	6.9000%	6.9000%	
Interest on loan	227.70	227.70	227.70	227.70	227.70	
Bond 75						
Gross loan - Opening	8985.00	8985.00	8985.00	8985.00	8985.00	
Cumulative repayments of Loans upto	8.88	0.00	0.00	0.00	0.00	
previous year	C.00	0.00	0.00	0.00	C.00	

Addition	0.00	0.00	0.00	0.00	0.00	
Repayments of Loans	0.00	0.00	0.00	0.00	0.00	
Net loan - Closing	8985.00	8985.00	8985.00	8985.CO	8985.00	
Average Net Loan	8985.00	8985.00	8985.00	8985.00	8985.00	
Rate of Interest	6,7200%	6.7200%	6.7200%	6.7200%	6.7200%	
Interest on loan	603.79	603,79	603,79	603.79	603.79	
Bond 78						
Gross loan - Opening	1800.00	1800.00	1800.00	1800.00	1800.00	
Cumulative repayments of Loans upto	200000			VOX.000 000		
previous year	0.00	0.00	0.00	0.00	0.00	
Net loan - Opening	1800.00	1800.00	1800.00	1800.00	1800.00	
Addition	0.00	0.00	0.00	0.00	0.00	
Repayments of Loans	C.00	0.00	0.00	0.00	C.00	
Net loan - Closing	1800.00	1800.00	1800.00	1800.00	1800.00	
Average Net Loan	1800.00	1800.00	1800.00	1800.00	1800.00	
Rate of Interest	7.4700%	7.4700%	7.4700%	7.4700%	7.4700%	
Interest on loan	134.46	134.46	134.46	134.46	134.46	
TOTAL						
Gross loan - Opening	1,15,935.00	1,15,935.00	1,15,935.00	1,15,935.00	1,15,935.00	-
Cumulative repayments of Loans upto	1,10,000,00	1,10,000,00	1,10,000.00	1,10,000.00	1,10,000.00	
previous year	18,495.71	26,654.40	35,297.53	44,885.11	54,306.02	
Net Ican - Opening	97,439,29	89,280.60	80,637.47	71,049.89	61,628.98	
Addition		-				
Repayments of Loans	8,158.61	8,951.39	9,895.83	9,729.17	9,729.17	
Net loan - Closing	89,280.60	80,637.47	71,049.89	61,628.98	52,208.06	
Average Net Loan	93,359.95	84,959.04	75,843.68	66,339.43	56,918.52	
Rate of Interest	7.7541%	7.7266%	7.6940%	7.6505%	7.5932%	
Interest on loan	7,239.23	6,564.48	5,835.40	5,075.29	4,321.96	

Bank Loan	Interest Rate	Applicable from	Applicable upto	Number of Days	Product	Weighted Average Rate of Interest	Remarks
Axis Bank-IV	8.00%	01-Apr-23	31-Mar-24	366.00	29.28		
				366.00	29.28	8.00%	
Bank Of India-IV	8.00%	01-Apr-23	31-Mar-24	366.00	29.28		
	10000000			366.00	29.28	8.00%	
HDFC Bank Limited-IV	8.01%	01-Apr-23	31-May-23	61.00	4.89		
HDFC Bank Limited-IV	7.95%	01-Jun-23	31-Mar-24	305.00	24.25		
	(4)5365			366.00	29.13	7.96%	
HDFC Bank Limited-VII	8.01%	01-Apr-23	31-May-23	61.00	4.89	-317300	
HDFC Bank Limited-VII	7.95%	01-Jun-23	31-Mar-24	305.00	24.25		
The second residual second sec	7,755,70	or suit go	0.1100.21	366.00	29.13	7.96%	
HDFC Bank Ltd. VI	8.01%	01-Apr-23	31-May-23	61.00	4.89	7,500	
IDFC Bank Ltd. VI	7.95%	01-Jun-23		305.00	24.25		
IDIC BEIN ELG. VI	7,3370	OT-OUT-ES	31-WBI-4-4	366.00	29.13	7.96%	
IDFC-IX	8.01%	01-Apr-23	31-May-23	61.00	4.89	7,50%	
IDFC-IX	7.95%	01-Apr-23	31-Mar-24	305.00	24.25		
IDFCIA	7,33%	01-3411-23	31-W81-24	366.00	29.13	7.96%	
CICL David VIII	0.100/	04 4 00	00.0 00		12.56	7.96%	
CICI Bank-VII	8.10%	01-Apr-23	02-Sep-23	155.00		-	
CICI Bank-VII	8.15%	03-Sep-23		10.00	0.82		
CICI Bank-VII	8.00%	13-Sep-23	31-Mar-24	201.00	16.08		
		74 (FER 1011 (1977)		366.00	29.45	8.05%	
ndusind Bank	8.00%	01-Apr-23	14-Apr-23	14.00	1.12		
ndusind Bank	8.10%	15-Apr-23	14-Jul-23	91.00	7.37		
ndusInd Bank	8,15%	15-Jul-23	19-Sep-23	67.00	5.46		
ndusInd Bank	8.00%	20-Sep-23	19-Dec-23	91.00	7.28		
ndusInd Bank	8.05%	20-Dec-23	31-Mar-24	103.00	8.29		
				366.00	29.52	8.07%	
Punjab National Bank III	7.90%	01-Apr-23	31-Mar-24	366.00	28.91		
	1		Y Y	366.00	28.91	7.90%	
State Bank of India - IX	8.00%	01-Apr-23	13-May-23	43.00	3,44		
State Bank of India - IX	8.10%	14-May-23	13-Aug-23	92.00	7.45		
State Bank of India - IX	8.15%	14-Aug-23	13-Feb-24	184.00	15.00		
State Bank of India - DC	8.20%	14-Feb-24	31-Mar-24	47.00	3.85		
	5 (1,024,6)			366.00	29.74	8.1262%	
itate Bank of India - VII	8.00%	01-Apr-23	13-May-23	43.00	3.44		
itate Bank of India - VII	8,10%	14-May-23		47.00	3.81		Loan Closed
				90.00	7.25	8.05%	
itate Bank of India - VIII	8.00%	01-Apr-23	13-May-23	43.00	3.44		
State Bank of India - VIII	8.10%	14-May-23	designation of the contract of	92.00	7.45		
State Bank of India - VIII	8.15%	14-Aug-23	Accompany Substitute Consideration	184.00	15.00		
tate Bank of India - VIII	8.20%	14-Feb-24	The second secon	47.00	3.85		
100			21,000	366.00	29.74	8.13%	
State Bank of India - XI	8.00%	01-Apr-23	10-Apr-23	10.00	0.80	0.2376	
State Bank of India - XI	8.10%	11-Apr-23		183.00	14.82		
State Bank of India - XI	8.15%	11-Oct-23	THE RESERVE AND ADDRESS OF THE PARTY OF THE	92.00	7.50		
State Bank of India - XI	8.20%	11-Jan-24	31-Mar-24	81.00	6.64		
State Dalla Of Highs - Al	6.20%	11-380-24	31-Widi-24	366.00	29.76	8.1320%	
HDFC-X	8.01%	01-Apr-23	31-May-23	61.00	4.89		
HDFC-X	7.95%	01-Jun-23	31-Mar-24	305.00	24.25		
10. 4.17	7.3376	0.000120	01 MW 24	366.00	29.13	7.96%	

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The Chapter Committee in present Specifical or Manual	-		b			2										-			•		•	•		
The state of the s	•		*						7.									***	Ç.	Ì			7.7	
The transmit of the Administrative Contracts	1000																							
4 Charles of the cap the contract these	3																							
Charles of the second second		1							- 3													13		1000

the state of the state of	the Petitioner the Station	NTPC Ltd. Remagundam-I & II				Part-1 Form-J
SI No	Particulars	01.04.1991	2025-26	2026-27	2027-28	2028-29
CARRETT	5041301300000000000000000000000000000000	2024-25	2023-26	2026-27	2027-28	2028-29
1	Closing Gross Block as per IGAAP (row 9+2)					
2	Adjustments (11+8+7-6-5-4+3)					
3	Add: Vendor discounting out of assets in the year					
4	Less: Unwinding expenses Capitalised					
5	Less: IND AS Adj of Decapitalisation out of ROW 6 (Mit					
6	Less: Total addition in capital OH asset class (including					
7	Add: Decapitalisation of capital Overhauling during the					
8	Less: Indas Adjustment in Inter Unit transactions					
9	Closing Gross Block as per IND-AS					
1049	Opening Gross Block as per IGAAP (row 12+11)					
10.040						
	Adjustments		Shall be prov	vided at the time	of Truing up	
12	Opening Gross Block as per IND-AS		765765774 <u>6</u> 171			
13	Addition as per IGAAP (row 1 - 10)					
14	Addition as per IGAAP corresponding to Ramagundam					
15						
16	Addition as per IGAAP corresponding to Ramagundam-					
17	Net Additions pertaining to Ramagundam 1 &2					
	Less: Exclusions (items not allowable /not claimed)					
	Net Additional Capital Expenditure Claimed (accrual ba					
20	Less: Undischarged liabilities					
21	Add: Discharge of Liabilities of allowed asset					
22	Net Additional Capital Expenditure Claimed (Cash basis					
23	Total Add Cap Claim (21+22)					

Name of the Petitioner: NTPC Ltd Name of the Generating Station: Ramagundam Super Thermal Power Station Stgae-L&II	Non Tari sgundam &II	Non Tariff Income			PART 1
Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Income from rent of land or buildings Income from sale of scrap Income from advertisements		Shall be provi	Shall be provided at the time of truing up	of truing up	
Total					
					Petitioner

							PART 1
							Form-19
			á	Details of Water Charges	Charges		
Name	Name of the Petitioner:	NTPCLtd					
Name	Name of the Generating	RAMAGUNE	DAM SUPER TH	RAMAGUNDAM SUPER THERMAL POWER STATION STAGE-I,II	ATION STAGE-I,II		
S. No.	S. No. Details of Water charges	S	Quantity	Normative	Rate specified (as per Spillage of water Amount	Spillage of water	Amount
	(excluding water cess)		allocated	consumption at	govt. notification or (in percentage)	(in percentage)	Claimed For Station
				100% PLF	agreement)		
	Name of source and quantity	Amount	TMC	TMC	TMC		
-4			Sha	Shall be provided at the time of truing up	e time of truing up		
							(Petitioner)

Name of the Petitioner:	NTPC Ltd														
Name of the Centerting Station:	Ramagunda	m Super Them	Ramagundam Super Thermal Power Station Stgae-18:11	tgae-(&i)											
		2024-25			2025-36			2525-27			2027-28	600	77	2028-29	
Particulars	Unit Rate (Re/Lwb)	No of Units	Unit Rate No of Units Amount Claimed Unit Rate (Rs.)Lwb) (Rs.)Lwb)	Unit Rate (Rs/kwh)	Ne of Units Amount Claimed	Amount Unit Bate Opined (Rt) (R5,/kwb)	Unit Rate (Ra/kwb)	Unit Bate No of Units Amount (Rs./kwb) Chimed	Amount Unit (Rate Claimed (Rs) (Rs/korb)	Unit fate (Rs./lowh)	Unit flate No of Units Amount (Rs./lowb) Claimed (F	3	Unit Rate No of Units Amount (Rs./kwh) Chimed	No of Units	Antount Claimed (Rs)
Electricity Duty															
Went Cesa							Shall be pro	Shall be provided at the time of truing up	te of truing up						
Charge for additional Electricity consumption at mine void Illing dewatering pump	Ī.,														
110															
															Petitioneri

PART 1

	Statement of Capital cost (To be given for relevant dates and year wise)	year wise)		
			(Amount in Lakhs)	021
S. No.	Particulars	Accrual	Un-discharged	Cash Basis
Ą	8) Opening Gross Stock Amount as per books	4,04,754.45	6,316.15	3,99,438,31
	b) Amount of IDC in A(a) above	15,037.37		15,037,37
	c) Amount of FC in Ajaj above			
	di Amount of FERV in Alei above	5.09		5.09
	e) Amount of Hedging Cost in A(a) above f Amount of IEDC in A(a) above			
24				
ø	a) Addition in Grass Block Amount during the period (Direct Purthess)			
	b) Amount of IDC in B(s) above			I Pos
	c) Amount of FC in Bla) above			
	al Amount of FERV in Bia) above			
	e; Amount of Hadging Cost in Blat above			
	f) Amount of IEDC in 8(a) above			
o	a I Addition in Gross Block Amount during the period (Transferred from CW/P).			
	b) Amount of IDC in E(a) above			
	c) Amount of FC in Cla) above			
	di Ambunt of FERV in Qa) above - CC Loans			
	e) Amount of Hodging Cost in C(a) above			
	f) Amount of IEDC in C(s) above			
	g) Amount of HeNV in Clai above - Contractual			
٥	a) Deletion in Gross Block Amount during the period			
	(b) Amount of IDC in D(a) above			
	of Amount of FC in Dist above			
	c) Amount of FERV in D(s) above			
	d; Amount of Hedging Cost in D(a) above.			
	e) Amount of IEDC in D(a) above			
ш	a) Closing Gross Block Amount as per books			
	b) Amount of IDC in Ete) above			
	c) Anount of PC in E(s) above			
	of Amount of PERV in Elej above			
	el Amount of Hedsine Coot in Elia above			
	fi Amount of lift of the Jahour			

PART 1 FORM- M

Name of the Petitioner Name of the Generating Station

NTPC Ltd
Ramagundam-I & II
Statement of Capital Woks in Progress

S No.			2024-25	
	w	Accrual Basis	Un-discharged Liabilities	Cash Basis
A a) Opening CWIP Amount as per books	oks	1,11,311.96	21,576.56	89,735.40
b) Amount of IDC in A(a) above		2,231.89		2 231.89
c) Amount of FC in A(a) above				*
d) Amount of FERV in A(a) above	do			,
e) Amount of Hedging Cost in A(a) above	200	200		2
f) Amount of IEDC in A(a) above		*		
a) Addition in CWIP during the period				
T				
b) Amount of IUC in B(a) above				
c) Amount of PC in B(a) above				
d) Amount of FERV in B(a) above				
Amount of Hedging Cost in B(a) above Amount of HDC in B(a) above	ove:			
Popular in the second s				
a) Transferred to Gross Block Amount during the period	int during the period			
b) Amount of IDC in C(s) above				
c) Amount of FC in C(a) above				
d) Amount of FERV in C(a) above				
 a) Amount of Hedging Cost in C(a) above 	DVB.			
f) Amount of IEDC in C(a) above				
a) Deletion in CWIP during the period	D			
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	ove			
f) Amount of IEDC in D(a) above	1.000			
a) Closing CWIP Amount as per books	ks			
b) Amount of IDC in E(a) above	100			
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	306			
f) Amount of IEDC in E(a) above				

Particulars Existing Super Thermal Power Station Stgac-L&II Particulars Existing 2024-25 2025-26 2026-27 202 2	The Power Station : Name								THE
Particulars Existing 2024-25 2025-26 2026-27 2023-24 2023-24 2024-25 2025-26 2026-27 2023-24	Particulars Existing 2024-25 2025-26 2026-27 202 2	ā		of Interest on N	iormative Loa	a l			FORM- N
Particulars Existing 2024-25 2025-26 2026-27 2027-28 Cumulative loan - Opening 1,15,178.41 1,17.704,59 1,18,099.39 1,18,209.59 1,1	Particulars Particulars Existing 2024-25 2025-26 2026-27 2027-28 2033-24 5 6 7 7 Gross Normative loan - Opening 1,15,178,41 1,17704,59 1,18,099.39 1,18,09	Name o	f the Company : f the Power Station :	NTPC Limited Ramagundam	Super Therma	Power Station	n Stgae-I&II	(Amoun	tin Rs Lakh)
Gross Normative loan - Opening 1,15,178.41 1,17,704.59 1,18,099.39 1,18,270.82	Gross Normative loan - Opening 1,15,178,41 1,17,704,59 1,18,099,39 1,18,209,	S. No.		Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Gross Normative loan - Opening 1,15,178,41 1,17,704,59 1,18,099,39 1,18,099,39 1,18,209,39 1,18,209,59 1,18,209,39 1,18,209 1,18,209 1,18,209 1,18,209 1,18,209 1,18,209 1,18,209 1,18,209 1,18,209 1,18,209 1,18,209 1,18,209 1,18,209 1,18,209 1,18,209 1,18,209	Gross Normative loan – Opening 1,15,178.41 1,17,704.59 1,18,099.39 1,18,209.39 1,18,209.59 1,1	-	2	3	+	5	9	7	8
Cumulative repayment of Normative loan up to previous vear 1,13,698.39 1,17,704.59 1,18,099.39 1,18,209.39 1,18,209.59 1,19,239 Net Normative loan - Opening vear vear 1,480.02 - </td <td>Cumulative repsyment of Normative loan up to previous year 1,13,698.39 1,17,704.59 1,18,099.39 1,18,209.59 1,18</td> <td>, TT</td> <td>Gross Normative loan - Opening</td> <td>1,15,178.41</td> <td>1,17,704,59</td> <td>1,18,099,39</td> <td>1,18,099,39</td> <td>1,18,270.82</td> <td>1,19,687.41</td>	Cumulative repsyment of Normative loan up to previous year 1,13,698.39 1,17,704.59 1,18,099.39 1,18,209.59 1,18	, TT	Gross Normative loan - Opening	1,15,178.41	1,17,704,59	1,18,099,39	1,18,099,39	1,18,270.82	1,19,687.41
Net Normative loan – Opening 1,480.02 - - 61.22 44 Add: Increase due to addition during the year / period 1,480.02 - - 171.43 1,416.59 8,77 Less: Decrease due to decapitalisation during the year / period 646.46 - <td< td=""><td>Net Normative loan — Opening 1,480.02 - - 61.22 44 Add: Increase due to addition during the year? 3,541.65 394.80 - 171.43 1,416.59 8/72 Less: Decrease due to de-capitalisation during the year? -1,661.68 -</td><td>2</td><td>Cumulative repayment of Normative loan up to previous year</td><td>1,13,698.39</td><td>1,17,704.59</td><td>1,18,099.39</td><td>1,18,099.39</td><td>1,18,209.59</td><td>1,19,230.46</td></td<>	Net Normative loan — Opening 1,480.02 - - 61.22 44 Add: Increase due to addition during the year? 3,541.65 394.80 - 171.43 1,416.59 8/72 Less: Decrease due to de-capitalisation during the year? -1,661.68 -	2	Cumulative repayment of Normative loan up to previous year	1,13,698.39	1,17,704.59	1,18,099.39	1,18,099.39	1,18,209.59	1,19,230.46
Add: Increase due to addition during the year / period 3,541.65 394.80 171.43 1,416.59 8,72 Less: Decrease due to de-capitalisation during the year / period 1,661.68 -1,661.69 -1,616.59 -1,741.65.99 -1,743 -1,416.59 -1,741.65.99 -1,743 -1,743 -1,746.59 -1,743 -1,661.69 -1,661.69 -1,661.69 -1,661.69 -1,661.69 -1,661.	Add: Increase due to addition during the year / period 3,541.65 394.80 171.43 1,416.59 8,772 Less: Decrease due to de-capitalisation during the year / period Less. Decrease due to reversal during the year / period 646.46 -	3	Net Normative Ioan - Opening	1,480.02	į	į	ž	61.22	456.95
Less: Decrease due to de-capitalisation during the year / period -1,661.68 -1,661.68 -1,661.68 -1,661.68 -1,661.68 -1,661.68 -1,661.68 -1,661.68 -1,661.68 -1,661.68 -1,661.68 -1,661.68 -1,661.68 -1,141.33 -1,416.59 8,72 Add: Increase due to discharges during the period 2,526.42 394.80 -1,1143 1,416.59 8,72 Addition in Loan due to Net add cap 2,526.42 394.80 -171.43 1,416.59 8,72 Less: Repayment of Loan Repayment of Loan 1,187.09 - - - - Repayment adjustment on account of discharges/reversals - - - - - Repayment adjustment on account of discharges/reversals - - - - - Repayment adjustment on account of discharges/reversals - - - - - - Repayment adjustment on account of discharges/reversals - <td>Less: Decrease due to de-capitalisation during the year / period -1,661.68 -1,661.68 Less: Decrease due to decreasal during the year / period 646.46 - Addi Increase due to discharges during the year / period 646.46 - Net addition during the period 2,526.42 394.80 - Addition in Loan due to Net add cap 2,526.42 394.80 - Less: Repayment of Loan 1,187.09 - - Repayment adjustment on account of de capitalisation 1,187.09 - Repayment adjustment on account of discharges/reversals - - corresponding to un discharged liabilities deducted as on 1,42.00 Net Normative loan - Closing 0,25 - Average Normative loan 7,40.13 - Weighted average rate of interest 7,47 7,73 7,59 Interest on Loan 55,32 - 2,36 Interest on Loan 1,9,82 11</td> <td>4</td> <td>Add: Increase due to addition during the year / period</td> <td>3,541.65</td> <td>394.80</td> <td>iX</td> <td>171.43</td> <td>1,416,59</td> <td>8,721.72</td>	Less: Decrease due to de-capitalisation during the year / period -1,661.68 -1,661.68 Less: Decrease due to decreasal during the year / period 646.46 - Addi Increase due to discharges during the year / period 646.46 - Net addition during the period 2,526.42 394.80 - Addition in Loan due to Net add cap 2,526.42 394.80 - Less: Repayment of Loan 1,187.09 - - Repayment adjustment on account of de capitalisation 1,187.09 - Repayment adjustment on account of discharges/reversals - - corresponding to un discharged liabilities deducted as on 1,42.00 Net Normative loan - Closing 0,25 - Average Normative loan 7,40.13 - Weighted average rate of interest 7,47 7,73 7,59 Interest on Loan 55,32 - 2,36 Interest on Loan 1,9,82 11	4	Add: Increase due to addition during the year / period	3,541.65	394.80	iX	171.43	1,416,59	8,721.72
Less: Decrease due to reversal during the year / period 646.46 -	Less: Decrease due to reversal during the year / period	5	Less: Decrease due to de-capitalisation during the year / period	-1,661.68	€a dar	() ¥:	ũ	100	, i
Add: Increase due to discharges during the year / period 646.46 -	Add: Increase due to discharges during the year / period 646.46 -	9	Less: Decrease due to reversal during the year / period						
Net addition during the period 2,526.42 394.80 - 171.43 1,416.59 8,72 Addition in Loan due to Net add cap 2,526.42 394.80 - 171.43 1,416.59 8,72 Less: Repayment of Loan 5,193.29 394.80 - 110.21 1,416.59 8,72 Repayment adjustment of account of discharges/reversals - - - - - - Repayment adjustment on account of discharges/reversals -	Net addition during the period 2,526.42 394.80 - 171.43 1,416.59 8,72 Addition in Loan due to Net add cap 2,526.42 394.80 - 171.43 1,416.59 8,72 Less: Repayment of Loan 5,193.29 394.80 - 110.21 1,020.87 6,51 Repayment adjustment on account of discharges/reversals - - - - - - Repayment adjustment on account of discharges/reversals -	7	Add: Increase due to discharges during the year / period	646.46	ā	Ģ	ğ	ā	ē
Addition in Loan due to Net add cap 2,526.42 394.80 - 171.43 1,416.59 8,72 Less: Repayment of Loan 5,193.29 394.80 - 110.21 1,020.87 6,51 Repayment adjustment on account of discharges/reversals 1,187.09 - - - - Repayment adjustment on account of discharges/reversals corresponding to un discharged liabilities deducted as on 1,42.009 - - 61.23 456.94 2.66 Net Normative loan - Closing 0.25 - - 61.23 456.94 2.66 Average Normative loan 7,40.13 - - 61.23 7.65 1.55 Weighted average rate of interest 7,47 7,77 - 2.36 19.82 11 Interest on Loan 55.32 - - 11.87.9 11 11.87.9	Addition in Loan due to Net add cap 2,526.42 394.80 - 171.43 1,416.59 8,72 Less: Repayment of Loan 5,193.29 394.80 - 110.21 1,020.87 6,51 Repayment adjustment on account of de capitalisation 1,187.09 - - - - Repayment adjustment on account of discharges/reversals corresponding to un discharged liabilities deducted as on 14.2009 - 61.23 456.94 2,66 Net Normative loan 740.13 - 61.23 456.94 2,66 Average Normative loan 7,47 7,77 7,69 7,65 1,55 Interest on Loan 55.32 - - 2,36 19,82 11	00		2,526.42	394.80	20	171.43	1,416.59	8,721.72
Less: Repayment of Loan 5,193.29 394.80 - 110.21 1,020.87 6,51 Repayment adjustment on account of discharges/reversals corresponding to un discharged liabilities deducted as on 1.4.2009 - - - 61.23 456.94 2.66 Net Normative loan - Closing 0.25 - - 61.23 456.94 2.66 Average Normative loan 740.13 - - 30.61 259.08 1.55 Weighted average rate of interest 747 7.73 7.65 1.55 Interest on Loan 55.32 - - 2.36 19.82 11	Less: Repayment of Loan 5,193.29 394.80 - 110.21 1,020.87 6,51 Repayment adjustment on account of de capitalisation 1,187.09 - <	6	Addition in Loan due to Net add cap	2,526.42	394.80	*	171.43	1,416.59	8,721.72
Repayment adjustment on account of de capitalisation 1,187.09 -	Repayment adjustment on account of de capitalisation 1,187.09 -<	10	Less: Repayment of Loan	5,193.29	394.80	a	110.21	1,020.87	6,517.49
Repayment adjustment on account of discharges/reversals -	Repayment adjustment on account of discharges/reversals -	Ξ	Repayment adjustment on account of de capitalisation	1,187.09	(B)	1.80		î	(A)
Net Normative loan - Closing 0.25 - - - 61.23 456.94 2.66 Average Normative loan 740.13 - - 30.61 259.08 1.55 Weighted average rate of interest 7.47 7.75 7.73 7.65 7.65 Interest on Loan 55.32 - - 2.36 19.82 11	Net Normative loan - Closing 0.25 - - - 61.23 456.94 2.66 Average Normative loan 740.13 - - 30.61 259.08 1,55 Weighted average rate of interest 7.47 7.75 7.69 7.65 7.65 Interest on Loan 55.32 - - 2.36 19.82 11	12	Repayment adjustment on account of discharges/reversals corresponding to un discharged liabilities deducted as on 1.4.2009		14	14 14 22			20
Average Normative loan 740.13 - - 30.61 259.08 1,55 Weighted average rate of interest 7.47 7.75 7.73 7.69 7.65 Interest on Loan 55.32 - 2.36 19.82 11	Average Normative loan 740.13 - - 30.61 259.08 1,55 Weighted average rate of interest 7.47 7.73 7.69 7.65 1,55 Interest on Loan 55.32 - - 2.36 19.82 11	13	Net Normative Ioan - Closing	0.25	10	f)	61.23	456.94	2,661.18
Weighted average rate of interest 7.47 7.75 7.73 7.69 7.65 Interest on Loan 55.32 - - 2.36 19.82 11	Weighted average rate of interest 7.47 7.75 7.73 7.65 7.65 Interest on Loan 55.32 - - 2.36 19.82 11	14	Average Normative loan	740.13	*	*	30.61	259.08	1,559.06
Interest on Loan - 2.36 19.82	Interest on Loan 55.32 2.36 19.82	15	Weighted average rate of interest	7.47	7.75	7.73	69.7	7.65	7.59
		16	Interest on Loan	55,32			2.36	19.82	118.38

		Calculation of Interest on Working Capital	terest on Wor	king Capital			PART 1 FORM- O
Name Name	Name of the Company: Name of the Power Station:	NTPC Limited Ramagundam Super Thermal Power Station Stgae-L&II	d Super Therm	ial Power Sta	tion Stgae-I&	91.80	(Amount in Re Lakh)
S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
-	2	60	4	S	9	7	80
-	Cost of Coal/Lignite	61,926.27	57204.70	57204.70	57204.70	57204.70	57204.70
2	Cost of Main Secondary Fuel Oil	1,567.41	1665.90	1665.90	1665.90	1670.47	1665.90
33	Fuel Cost						
4	Liquid Fuel Stock						
S	O & M Expenses	6,132.86	8360.67	8407.00	8316.83	8213.42	8637.58
9	Maintenance Spares	14,718.88	20065.60	20176.80	19960.40	19712.20	20730.20
7	Receivables	84,733.73	82536.19	82149.44	81992.53	81910.67	83355.99
8	Total Working Capital	169079.15	169833.06	169603.84	169140.36	168711.45	171594.37
6	Rate of Interest	12.0000	11,9000	11.9000	11.9000	11.9000	11.9000
10	Interest on Working Capital	20289.50	20210.13	20182.86	20127.70	20076.66	20419.73
		ā) 1		 :	91		
						Petitioner	oner

					ADDITI	Form-15B ONAL FORM
		2024-25	2025-26	2026-27	2027-28	2028-29
No of Days in the year	Days	365	365	365	366	365
Sp. Oil consumption	ml/kwh	0.64	0.64	0.64	0.64	0.64
Auxiliary consumption	%	6.6800	6.6800	6.6800	6.6800	6.6800
Heat Rate	Kcal/Kwh	2385.43	2386.43	2386.43	2386.43	2386.43
Computation of Variable Charge	08					
Variable Charge (Coal)	p/kwh	366.806	366.806	366.806	366.806	366.306
Variable Charge (Oil)	p/kwh	7,015	7.015	7.015	7.015	7.015
Total	p/ksvh	373.821	373.821	373.821	373.821	373.821
Price of fael from Form-15/15A						
Çual Cost	(Rs/MT)	4936.96	4936.96	4936.96	4936.96	4936.96
Oil Cost	(Rs/KL)	102286.78	102286.78	102286.78	102286,78	102286.78
Coal GCV (After Adjustment)	(kCal/Kg)	3437.33	3437.33	3437.33	3437.33	3437.33
Oil GCV	(Rs./KL)	4936,96	4936 96	4936.96	4936.96	4936.96
Computation of Fuel Expenses 1	for Calculation of	IWC:				1117,02000
ESO in a year	(MUs)	14248.73	14248.73	14248.73	14287.77	14248.73
Cost of coal for 40 Days	(Rs. Lekh)	57204.70	57204.70	57204.70	57204.70	57204.70
Cost of oil for 2 months	(Rs. Lekh)	1665.90	1665.90	1665.90	1670.47	1665 90
Energy Expenses for 45 days	(Rs Lakh)	65668.84	65668.84	65668.84	65668.84	65668.84
Rate of Energy Charge from Sec.	= (Q _a) _a X P _a	6 546353905	6.546353905	6 546353905	6.546353905	6.546353905
Hest Contribution from SFO / Alternate Fuel	= (Qs), X (GCV),	3.160	3:160	3.160	3.160	3.160
Heat Contribution from coal	= GHR- H _E	2383.270	2383.270	2383.270	2383-270	2383.270
Specific Primary Fuel Consumption	= H _g / (GCV) _s	0.693	0.693	0.693	0.693	0.693
Rate of Energy charge from Primary Fuel (p/kwh)	(REC) _#	342.303	342,303	342.303	342.303	342.303
Rate of Energy charge ex-bus	= ((REC) _a + (REC) _b / (1-(AUX))	373.821	373.821	373,821	373.821	373.821

Month	Year	Coal cost	Coal GCV	Oil cost	Oil GCV
April	2023	4743.74	3639	74144.66	9621
May	2023	4805.49	3645	74899.73	9616
Jupe	2023	5066.33	3611	67291.67	9756
July	2023	5156.09	3469	72729.81	9644
August	2023	4932	3144	66272.73	9725
September	2023	4785.43	3182	70163.66	9657
October	2023	4594 95	3390	61966.49	9066
November	2023	4732.78	3571	65099.14	9739
December	2023	4765.81	3622	61966.49	9800
January	2024	4868.56	3697	62439.91	9878
February	2024	5317.92	3704	71535.1	9609
March	2024	5474.38	3594	76555.46	9471
Wt. Average		4936,956667	3522.333333	68755.40417	9631,833333

PETITIONER

Summary of issue involved in the petition

Name of	Name of the Company:	N I PC Limited
Name of	Name of the Power Station:	Ramagundam Super Thermal Power Station Stgae-1&11
1	Petitioner:	NTPC Limited
ିଷ	Subject	Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for approval of tariff of Ramagundam Super Thermal power Station Stage-I&II (2100 MW) for the period from 01.04.2024 to 31.03.2029
60	Prayers: The Petitioner prays that the Hon'b i) Approve tariff of Ramagundam-l ii) Allow the recovery of filing fees iii) Allow reimbursement of Ash certificate, subject to true up. iv) Pass any other order as it may d	Prayers: The Petitioner prays that the Hon'ble Commission may be pleased to: i) Approve tariff of Ramagundam-I&II for the tariff period 01.04,2024 to 31.03.2029, 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 on monthly basis based on auditor certificate, subject to true up. iv) Pass any other order as it may deem fit in the circumstances mentioned above.
4	Respondents	
	Name of Respondents	nts
	a	A contract of the contract of
	j.	We per reution
	Ü	
ın	Project Scope	Ramagundam Super Thermal Power Station Stgae-1&II (2100MW)
	Cost	
	Commissioning	
	Claim	
	AFC	As per form-I
	Capital cost	As per form-I
	Initial spare	
	NAPAF (Gen)	85%
	Any Specific	

Annexure-01

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

- 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.

Biomass Utilisation for Power Generation through Co-firing in Coal based 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.

Annexure-02

CENTRAL ELECTRICITY REGULATORY COMMISSION (NEW DELHI)

Suo Motu Petition No. 12/SM/2019

Coram:

Shri P.K.Pujari, Chairperson

Shri I.S.Jha, Member

Date of Hearing: 17.12.2019

Date of Order : 18.02.2020

ORDER

In the matter of

Methodology for Estimation of Electricity Generated from Biomass in Biomass Co-fired Thermal Power Plants.

The Central Electricity Regulatory Commission (hereinafter referred to as 'the Commission') has recognized the use of biomass in biomass co-fired coal based thermal power plants under sub-clause (k) of clause (2) of the Regulation 19 and clause (4) of Regulation 43 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 (hereinafter referred to as the 2019 Tariff Regulations). These Regulations notified on 7th March, 2019, introduced the regulatory framework for allowing use of biomass in coal based thermal power plants.

2. The Commission initiated the process of specifying methodology for estimation of electricity generated from biomass in biomass co-fired coal based thermal power plants and accordingly, proposed a draft methodology in this regard. While proposing this methodology, the Commission had considered the following references.



Suo-motu Order in Petition No. 12/SM/2019

Page 1

- a) Reference of Ministry of Power, Government of India, No. 11/86/2017-Th11 dated 17th Nov'2017 with regard to the "Policy for Biomass Utilization for Power Generation through Co-firing in Pulverized Coal Fired Boilers".
- b) Advisory dated 24.11.2017 of Central Electricity Authority (CEA) to thermal power plants for utilizing biomass in coal based thermal power plants.
- c) Clarification of Ministry of New and Renewable Energy ("the MNRE"), Government of India issued vide reference dated 26.9.2019 stating that the power generated from co-firing of biomass in coal based thermal power plants is renewable energy and is eligible for meeting non-solar Renewable Purchase Obligation (RPO).
- Salient aspects of the proposed methodology were as under.
 - a) Proposed methodology can be applied to biomass co-fired coal based thermal plants whose tariff is determined by "Appropriate Commission" under Section 62 as well as thermal plants whose tariff is adopted by the "Appropriate Commission" under section 63 of the Electricity Act, 2003;
 - b) Energy generated from biomass can be worked out based on the actual consumption of biomass and coal rather than on normative operational parameters of Station Heat Rate and Auxiliary Power Consumption;
 - c) Principle of proportion can be the basis to work out the energy generated from biomass. The energy output is estimated in proportion to the heat input from biomass out of total heat input from biomass and coal;



- Heat input can be worked out based on consumption and quality (GCV) of the coal and biomass;
- e) Consumption of coal and biomass can be worked out based on opening balance, receipt and closing balance of coal and biomass.
- 4. The proposed methodology was put in public domain and comments/suggestions of various stakeholders were invited vide order dated 26.11.2019 in this Suo Motu petition. Subsequently, public hearing on the draft methodology was held on 17.12.2019 for soliciting views of stakeholders.

Submission of the Stakeholders during Public Hearing

- 5. The Captive Power Producers Association has requested that the proposed methodology should also be made applicable to captive power plants. They have further submitted that for co-generation power plant, there is a need for a methodology factoring in use of steam for purposes other than generation of electricity. The Association has submitted two alternative methods for consideration of the Commission.
- 6. Representative of NTPC Ltd submitted that in the proposed methodology, electricity generated from biomass has been proposed to be estimated based on electricity generated at the Generator Terminal (GT). The energy meter installed at Generator Terminal is normally not used for billing purpose and hence, estimates based on Generator Terminal may not be acceptable to distribution licensees.
- The comments/suggestions/objections of the stakeholders on the proposed methodology have been examined by the Commission.



Applicability of the Methodology

- As per Para 7 of the order dated 26.11.2019 in this Suo-Moto Petition, the applicability of the methodology was proposed as under:
 - "7. The suggested methodology to estimate the energy generated from co-firing of biomass has been framed on the actual consumption of biomass and coal rather than on normative operational parameters of Station Heat Rate and Auxiliary Power Consumption. Such a methodology, which does not use normative operational parameters, can be applied both to thermal plants whose tariff is determined by "Appropriate Commission" under Section 62 as well as thermal plants whose tariff is adopted by the "Appropriate Commission" under section 63 of the Electricity Act, 2003."
- 9. The Commission had proposed to restrict the application of the methodology only to thermal plants under section 62 or section 63 of the Electricity Act, 2003 since the Commission regulates tariff of centrally owned generating stations and the generating stations having composite scheme for sale or purchase of electricity in more than one state under Section 79(1)(a) and 79(1)(b) of the Act. The methodology was not proposed to cover captive or cogeneration plants. The Captive Power Producers Association has submitted that since captive power plants and co-generation power plants are also eligible under MNRE letter dated 26.9.2019 for the purpose of renewable purchase obligation, the methodology should cover captive power plants and cogeneration power plants.
- 10. We have perused the references of MNRE dated 26.9.2019. The MNRE has clarified that the power generated from co-firing of biomass in coal based thermal power plants is renewable energy and is eligible for meeting non-solar Renewable Purchase Obligations (RPOs).



- 11. We observe that biomass can also be used in thermal captive power plants similar to thermal generation station. We, therefore, are of the view that the methodology shall also be applicable to the captive power plant using co-firing of biomass. The methodology specified in this order will therefore, be applicable to the captive power plant also that co-fires biomass.
- 12. While in case of captive power plant, the entire heat generated from coal and biomass is used to generate power, in case of co-generation plant, only part of the heat is used to generate power. But, the underlying principle remains applicable i.e. the proportion of heat input from biomass to total heat input for power generation. Accordingly, the methodology specified in this order shall also be applicable for co-generation power plant.

Gross Calorific Value (GCV) measurement & Fuel Stock

- 13. The Captive Power Producers Association has submitted that GCV measurement point and methodology may be indicated so as to avoid any disputes on measurement of values. In this regard, it is observed that the GCV measurement point is already specified under the 2019 Tariff Regulations. The relevant extract is reproduced below, which shall be adopted by the captive power plants and co-generation power plants.
 - "(31) 'GCV as Received' means the GCV of coal as measured at the unloading point of the thermal generating station through collection, preparation and testing of samples from the loaded wagons, trucks, ropeways, Merry-Go-Round (MGR), belt conveyors and ships in accordance with the IS 436 (Part-1/ Section 1)- 1964:

Provided that the measurement of coal shall be carried out through sampling by third party to be appointed by the generating companies in accordance with the guidelines, if any, issued by Central Government:



Provided further that samples of coal shall be collected either manually or through hydraulic augur or through any other method considered suitable keeping in view the safety of personnel and equipment:

Provided also that the generating companies may adopt any advance technology for collection, preparation and testing of samples for measurement of GCV in a fair and transparent manner".

14. The format specified by the Commission in the 2019 Tariff Regulations captures the requirement of data applicable to the thermal power plants. For captive power plants and co-generation power plants, appropriate format may be developed by the respective State Electricity Regulatory Commission or certifying agency of the State.

Special Energy Meter

15. NTPC Ltd has submitted that measurement at the Special Energy Meter (SEM) installed by them at Generator Terminal (GT) may not be acceptable to the system operator and distribution licensees. In this regard, it is observed that the Auxiliary Energy Consumption (AEC) is worked out on the basis of SEM on Generator Terminal and these are similar to SEMs installed by CTU. Therefore, we do not foresee any difficulty in using SEMs installed on Generator Terminal by the generators. However, the Regional Power Committee, in constitution with respective Regional Load Dispatch Centre or State Load Dispatch Centre as the case may be, shall ensure that the SEMs installed by the generator should be got calibrated from time to time for energy accounting. The Captive Power Plant and Co-generation Power Plant shall ensure appropriate metering arrangement at generator terminal.



16. The methodology for estimating the energy generated from bio-mass in biomass co-fired coal based thermal power plants, including captive power plants and co-generation plants has been specified in Annexure I and is a part of this order.

Sd/-(I. S. Jha) Member Sd/-(P. K. Pujari) Chairperson Methodology for estimation of electricity generated from biomass in biomass cofired coal based thermal power plants, including captive and co-generation power plants co-firing bio-mass.

The methodology specified hereunder is to be followed by ISGS, RPCs for estimating electricity generated from biomass in biomass co-firing coal based thermal power plants, including captive and co-generation power plants co-firing bio-mass.

Step-1:

The electricity generated from biomass shall be estimated at Generator Terminal on monthly basis in accordance with the following formulae:

 $Eb(G) = [(Qb \times Gb) / ((Qc \times Gc) + (Qb \times Gb))] \times E(GT)$ Where.

Eb(G) = Electrical energy generated by bio-mass at Generator terminal during the month (kWh);

Qb = Quantity of bio-mass consumed during the month (kg)

Gb = Weighted average Gross Calorific Value (GCV) of bio-mass consumed during month (kCal/kg)

E(GT) = Gross electrical energy generated at Generator Terminal during the month (kWh)

Qc = Quantity of coal burnt during the month (kg)

Gc = Weighted average GCV of coal burnt during the month (kCal/kg)

3. The product (Qb x Gb) represents heat (in Kcal) input through bio-mass during the month and shall be estimated on monthly basis by applying following formulae:



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- Qb x Gb (kCal) = {opening balance of bio-mass (kg) X weighted average GCV of opening balance of bio-mass (kCal/kg)}
 - + {quantity of bio-mass received during the month (kg) X weighted average GCV of bio-mass received during the month (kcal/kg)}
 - {closing stock of bio-mass (kg) X weighted average GCV of the closing balance of bio-mass (kCal/kg)}
- 4. The product (Qc x Gc) represents heat (in Kcal) input through coal during the month (kcal) and shall be estimated on monthly basis by applying the following formulae:
- Qc x Gc (kCal) = {opening balance of coal (kg)X weighed average GCV of opening balance of coal (kCal/kg)}
 - + {quantity of coal received during the month (kg) X weighted average GCV of coal received during the month (kCal/kg)}
 - {closing stock of coal (kg) X weighted average GCV of the closing balance of coal (kCal/kg)}

Step-2:

5. The ex-bus electrical energy generated by using bio-mass shall be estimated on monthly basis by applying following formulae:

$$Eb (ex-bus) = Eb(G) \{1-[(E(GT)-ESO)/E(GT)]\}$$

Where.

Eb (ex-bus) = Electrical energy generated by bio-mass ex-bus during the month (kWh);

Eb(G) = Electrical energy generated by bio-mass at Generator terminal during the month arrived at Step-1(kWh)



- E(GT) = Total electrical energy generated at generator terminal during the month (kWh);
- ESO = Total Energy Sent Out (ex-bus) during the month (kWh);
- 6. The generating company shall provide information to the beneficiaries and publish them in the following manner:
 - a) The generating company shall maintain separate fuel accounts for coal and biomass, with opening balance, fuel received during the month and closing balance in kg. The generating company shall also maintain separate GCV (in kCal/kg) accounts for coal and bio-mass, with weighted average GCV of the opening balance, weighted average GCV of the fuel received during the month and weighted average GCV of the closing balance at the end of the month;
 - b) These monthly accounts of fuel and GCV, duly signed by the authorised official of the generating company shall be published on its website along with the bills towards purchase of coal and bio-mass.
 - c) These monthly fuel and GCV accounts shall be made available to authorized representative/s of beneficiaries and RLDC/SLDC on demand. Any authorised representative of beneficiaries shall be allowed to witness the GCV testing of biomass.
 - d) Generating company shall keep beneficiaries informed about the co-firing of biomass with coal. Authorised representatives of the beneficiaries shall be allowed inspection during the period when bio-mass is being co-fired.



e) The generating company shall publish the quantum of bio-mass fired and the energy generated from bio-mass based on the formulae specified above on its website.

Annexure-03



International Standards and Recommended Practices

Annex 14 to the Convention on International Civil Aviation

Aerodromes

Volume I Aerodrome Design and Operations Seventh Edition, July 2016



This edition supersedes, on 10 November 2016, all previous editions of Annex 14, Volume 1.

For information regarding the applicability of the Standards and Recommended Practices, see Chapter 1, 1,2 and the Foreword.

INTERNATIONAL CIVIL AVIATION ORGANIZATION



Annex 14 to the Convention on International Civil Aviation

Aerodromes

Volume I

Aerodrome Design and Operations Seventh Edition, July 2016

This edition supersedes, on 10 November 2016, all previous editions of Annex 14, Volume I.

For information regarding the applicability of the Standards and Recommended Practices, see Chapter 1, 1.2 and the Foreword.

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CHAPTER 6. VISUAL AIDS FOR DENOTING OBSTACLES

6.1 Objects to be marked and/or lighted

Note.— The marking and/or lighting of obstacles is intended to reduce hazards to aircraft by indicating the presence of the obstacles. It does not necessarily reduce operating limitations which may be imposed by an obstacle.

6.1.1 Objects within the lateral boundaries of the obstacle limitation surfaces

- 6.1.1.1 Vehicles and other mobile objects, excluding aircraft, on the movement area of an aerodrome are obstacles and shall be marked and, if the vehicles and aerodrome are used at night or in conditions of low visibility, lighted, except that aircraft servicing equipment and vehicles used only on aprons may be exempt.
- 6.1.1.2 Elevated aeronautical ground lights within the movement area shall be marked so as to be conspicuous by day. Obstacle lights shall not be installed on elevated ground lights or signs in the movement area.
- 6.1.1.3 All obstacles within the distance specified in Table 3-1, column 11 or 12, from the centre line of a taxiway, an apron taxiway or aircraft stand taxilane shall be marked and, if the taxiway, apron taxiway or aircraft stand taxilane is used at night, lighted.
- 6.1.1.4 Recommendation.— A fixed obstacle that extends above a take-off climb surface within 3 000 m of the inner edge of the take-off climb surface should be marked and, if the runway is used at night, lighted, except that:
 - a) such marking and lighting may be omitted when the obstacle is shielded by another fixed obstacle;
 - the marking may be omitted when the obstacle is lighted by medium-intensity obstacle lights, Type A, by day and its height above the level of the surrounding ground does not exceed 150 m;
 - c) the marking may be omitted when the obstacle is lighted by high-intensity obstacle lights by day; and
 - d) the lighting may be omitted where the obstacle is a lighthouse and an aeronautical study indicates the lighthouse light to be sufficient.
- 6.1.1.5 Recommendation.— A fixed object, other than an obstacle, adjacent to a take-off climb surface should be marked and, if the runway is used at night, lighted, if such marking and lighting is considered necessary to ensure its avoidance, except that the marking may be omitted when:
 - a) the object is lighted by medium-intensity obstacle lights, Type A, by day and its height above the level of the surrounding ground does not exceed 150 m; or
 - the object is lighted by high-intensity obstacle lights by day.
- 6.1.1.6 A fixed obstacle that extends above an approach surface within 3 000 m of the inner edge or above a transitional surface shall be marked and, if the runway is used at night, lighted, except that:
 - a) such marking and lighting may be omitted when the obstacle is shielded by another fixed obstacle;

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the marking may be omitted when the obstacle is lighted by medium-intensity obstacle lights, Type A, by day and its height above the level of the surrounding ground does not exceed 150 m;

- the marking may be omitted when the obstacle is lighted by high-intensity obstacle lights by day; and
- d) the lighting may be omitted where the obstacle is a lighthouse and an aeronautical study indicates the lighthouse light to be sufficient.
- 6.1.1.7 Recommendation.— A fixed obstacle that extends above a horizontal surface should be marked and, if the aerodrome is used at night, lighted, except that:
 - a) such marking and lighting may be omitted when:
 - 1) the obstacle is shielded by another fixed obstacle; or
 - for a circuit extensively obstructed by immovable objects or terrain, procedures have been established to ensure safe vertical clearance below prescribed flight paths; or
 - an aeronautical study shows the obstacle not to be of operational significance;
 - b) the marking may be omitted when the obstacle is lighted by medium-intensity obstacle lights, Type A, by day and its height above the level of the surrounding ground does not exceed 150 m;
 - c) the marking may be omitted when the obstacle is lighted by high-intensity obstacle lights by day; and
 - the lighting may be omitted where the obstacle is a lighthouse and an aeronautical study indicates the lighthouse light to be sufficient.
- 6.1.1.8 A fixed object that extends above an obstacle protection surface shall be marked and, if the runway is used at night, lighted.
 - Note. See 5.3.5 for information on the obstacle protection surface.
- 6.1.1.9 Recommendation.— Other objects inside the obstacle limitation surfaces should be marked and/or lighted if an aeronautical study indicates that the object could constitute a hazard to aircraft (this includes objects adjacent to visual routes e.g. waterway or highway).
 - Note.— See note accompanying 4.4.2.
- 6.1.1.10 Recommendation.— Overhead wires, cables, etc., crossing a river, waterway, valley or highway should be marked and their supporting towers marked and lighted if an aeronautical study indicates that the wires or cables could constitute a hazard to aircraft.
 - 6.1.2 Objects outside the lateral boundaries of the obstacle limitation surfaces
- 6.1.2.1 Recommendation.— Obstacles in accordance with 4.3.2 should be marked and lighted, except that the marking may be omitted when the obstacle is lighted by high-intensity obstacle lights by day.
- 6.1.2.2 Recommendation.— Other objects outside the obstacle limitation surfaces should be marked and/or lighted if an aeronautical study indicates that the object could constitute a hazard to aircraft (this includes objects adjacent to visual routes e.g. waterway, highway).

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6.1.2.3 Recommendation.— Overhead wires, cables, etc., crossing a river, waterway, valley or highway should be marked and their supporting towers marked and lighted if an aeronautical study indicates that the wires or cables could constitute a hazard to aircraft.

6.2 Marking and/or lighting of objects

6.2.1 General

- 6.2.1.1 The presence of objects which must be lighted, as specified in 6.1, shall be indicated by low-, medium- or high-intensity obstacle lights, or a combination of such lights.
- 6.2.1.2 Low-intensity obstacle lights, Types A B, C, D and E, medium-intensity obstacle lights, Types A, B and C, high-intensity obstacle lights Type A and B, shall be in accordance with the specifications in Table 6-1 and Appendix 1.
- 6.2.1.3 The number and arrangement of low-, medium- or high-intensity obstacle lights at each level to be marked shall be such that the object is indicated from every angle in azimuth. Where a light is shielded in any direction by another part of the object, or by an adjacent object, additional lights shall be provided on that adjacent object or the part of the object that is shielding the light, in such a way as to retain the general definition of the object to be lighted. If the shielded light does not contribute to the definition of the object to be lighted, it may be omitted.

6.2.2 Mobile objects

Marking

6.2.2.1 All mobile objects to be marked shall be coloured or display flags.

Marking by colour

6.2.2.2 Recommendation.— When mobile objects are marked by colour, a single conspicuous colour, preferably red or yellowish green for emergency vehicles and yellow for service vehicles, should be used.

Marking by flags

- 6.2.2.3 Flags used to mark mobile objects shall be displayed around, on top of, or around the highest edge of the object. Flags shall not increase the hazard presented by the object they mark.
- 6.2.2.4 Flags used to mark mobile objects shall not be less than 0.9 m on each side and shall consist of a chequered pattern, each square having sides of not less than 0.3 m. The colours of the pattern shall contrast each with the other and with the background against which they will be seen. Orange and white or alternatively red and white shall be used, except where such colours merge with the background.

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Table 6-1. Characteristics of obstacle lights

1	2	3	4	5	6	2
			PAREST NOTE OF STREET	ty (cd) at given B Luminance (b)	ackground	Light
Light Type	Colour	Signal type/ (flash rate)	Day (Above 500 cd/m²)	Twilight (50-500 cd/m²)	Night (Below 50 cd/m²)	Distribution Table
Low-intensity, Type A (fixed obstacle)	Red	Fixed	N/A	N/A	10	Table 6-2
Low-intensity, Type B (fixed obstacle)	Red	Fixed	N/A	N/A	32	Table 6-2
Low-intensity, Type C (mobile obstacle)	YellowBlue (a)	Flashing (60-90 fpm)	N/A	40	40	Table 6-2
Low-intensity, Type D (follow-me vehicle)	Yellow	Flashing (60–90 fpm)	N/A	200	200	Table 6-2
Low-intensity, Type E	Red	Flashing (c)	N/A	N/A	32	Table 6-2 (Type B)
Medium-intensity, Type A	White	Flashing (20–60 fpm)	20 000	20 000	2 000	Table 6-3
Medium-intensity, Type B	Red	Flashing (20–60 fpm)	N/A	N/A	2 000	Table 6-3
Medium-intensity, Type C	Red	Fixed	N/A	N/A	2 000	Table 6-3
High-intensity, Type A	White	Flashing (40-60 fpm)	200 000	20 000	2 000	Table 6-3
High-intensity, Type B	White	Flashing (40–60 fpm)	100 000	20 000	2 000	Table 6-3

a) See 6.2.2.6

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b) For flashing lights, effective intensity as determined in accordance with the Aerodrome Design Manual (Doc 9157), Part 4.

c) For wind turbine application, to flash at the same rate as the lighting on the nacelle.

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	Minimum intensity (a)	Maximum intensity (a)	Vertical beam sp (f)	oread
	~. 1		Minimum beam spread	Intensity
Туре А	10 cd (b)	N/A	10°	5 cd
Туре В	32 cd (b)	N/A	10°	16 cd
Type C	40 cd (b)	400 cd	12° (d)	20 cd
Type D	200 cd (c)	400 cd	N/A (e)	N/A

Table 6-2. Light distribution for low-intensity obstacle lights

Note.— This table does not include recommended horizontal beam spreads. 6.2.1.3 requires 360° coverage around an obstacle. Therefore, the number of lights needed to meet this requirement will depend on the horizontal beam spreads of each light as well as the shape of the obstacle. Thus, with narrower beam spreads, more lights will be required.

- a) 360° horizontal. For flashing lights, the intensity is read into effective intensity, as determined in accordance with the Aerodrome Design Manual (Doc 9157), Part 4.
- Between 2 and 10° vertical. Elevation vertical angles are referenced to the horizontal when the light is levelled.
- c) Between 2 and 20° vertical. Elevation vertical angles are referenced to the horizontal when the light is levelled.
- d) Peak intensity should be located at approximately 2.5° vertical.
- Peak intensity should be located at approximately 17° vertical.
- f) Beam spread is defined as the angle between the horizontal plane and the directions for which the intensity exceeds that mentioned in the "intensity" column.

Table 6-3. Light distribution for medium- and high-intensity obstacle lights according to benchmark intensities of Table 6-1

Benchmark		Minir	num requirer	nents			Rec	commendatio	ns	
intensity	Vertica	l elevation a	ngle (b)	Vertical be	am anroad	Vertica	ıl elevation aı	igle (b)	Vertical be	om anread
	.0	90	-1°	verncar de	50 1 mm - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	0°	-1°	-10°	vertical de (c	
	Minimum average intensity (a)	Minimum intensity (a)	Minimum intensity (a)	Minimum beam spread	Intensity (a)	Maximum intensity (a)	Maximum intensity (a)	Maximum intensity (a)	Maximum beam spread	Intensity (a)
200 000	200 000	150 000	75 000	3°	75 000	250 000	112 500	7 500	7°	75 000
100 000	100 000	75 000	37 500	3°	37 500	125 000	56 250	3 750	70	37 500
20 000	20 000	15 000	7 500	3°	7 500	25 000	11 250	750	N/A	N/A
2 000	2 000	1 500	750	3°	750	2 500	1 125	75	N/A	N/A

Note.— This table does not include recommended horizontal beam spreads. 6.2.1.3 requires 360° coverage around an obstacle. Therefore, the number of lights needed to meet this requirement will depend on the horizontal beam spreads of each light as well as the shape of the obstacle. Thus, with narrower beam spreads, more lights will be required.

- a) 360° horizontal. All intensities are expressed in Candela. For flashing lights, the intensity is read into effective intensity, as determined in accordance with the Aerodrome Design Manual (Doc 9157), Part 4.
- Elevation vertical angles are referenced to the horizontal when the light unit is levelled.
- c) Beam spread is defined as the angle between the horizontal plane and the directions for which the intensity exceeds that mentioned in the "intensity" column.

Note.— An extended beam spread may be necessary under specific configuration and justified by an aeronautical study.

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Lighting

6.2.2.5 Low-intensity obstacle lights, Type C, shall be displayed on vehicles and other mobile objects excluding aircraft.

Note. - See Annex 2 for lights to be displayed by aircraft.

- 6.2.2.6 Low-intensity obstacle lights. Type C, displayed on vehicles associated with emergency or security shall be flashing-blue and those displayed on other vehicles shall be flashing-yellow.
 - 6.2.2.7 Low-intensity obstacle lights, Type D, shall be displayed on follow-me vehicles.
- 6.2.2.8 Low-intensity obstacle lights on objects with limited mobility such as aerobridges shall be fixed-red, and as a minimum be in accordance with the specifications for low-intensity obstacle lights, Type A, in Table 6-1. The intensity of the lights shall be sufficient to ensure conspicuity considering the intensity of the adjacent lights and the general levels of illumination against which they would normally be viewed.

6.2.3 Fixed objects

Note.— The fixed objects of wind turbines are addressed separately in 6.2.4 and the fixed objects of overhead wires, cables, etc., and supporting towers are addressed separately in 6.2.5.

Marking

6.2.3.1 All fixed objects to be marked shall, whenever practicable, be coloured, but if this is not practicable, markers or flags shall be displayed on or above them, except that objects that are sufficiently conspicuous by their shape, size or colour need not be otherwise marked.

Marking by colour

- 6.2.3.2 Recommendation.— An object should be coloured to show a chequered pattern if it has essentially unbroken surfaces and its projection on any vertical plane equals or exceeds 4.5 m in both dimensions. The pattern should consist of rectangles of not less than 1.5 m and not more than 3 m on a side, the corners being of the darker colour. The colours of the pattern should contrast each with the other and with the background against which they will be seen. Orange and white or alternatively red and white should be used, except where such colours merge with the background. (See Figure 6-1.)
 - 6.2.3.3 Recommendation.— An object should be coloured to show alternating contrasting bands if:
 - a) it has essentially unbroken surfaces and has one dimension, horizontal or vertical, greater than 1.5 m, and the other dimension, horizontal or vertical, less than 4.5 m; or
 - it is of skeletal type with either a vertical or a horizontal dimension greater than 1.5 m.

The bands should be perpendicular to the longest dimension and have a width approximately 1/7 of the longest dimension or 30 m, whichever is less. The colours of the bands should contrast with the background against which they will be seen. Orange and white should be used, except where such colours are not conspicuous when viewed against the background. The bands on the extremities of the object should be of the darker colour. (See Figures 6-1 and 6-2.)

Note.— Table 6-4 shows a formula for determining band widths and for having an odd number of bands, thus permitting both the top and bottom bands to be of the darker colour.

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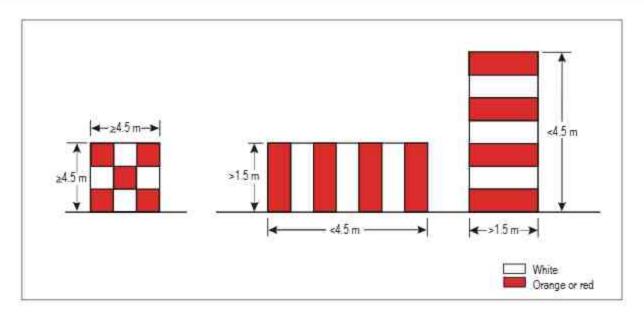


Figure 6-1. Basic marking patterns

Longest	dimension			
Greater than	Not exceeding		Band	width
1.5 m	210 m	1/7 of k	ngest d	imension
210 m	270 m	1/9 **	32	32
270 m	330 m	1/11 "	33	33
330 m	390 m	1/13 **	77	77
390 m	450 m	1/15 **	33	33
450 m	510 m	1/17 "	33	33
510 m	570 m	1/19 **	77	77
570 m	630 m	1/21 ***	33	33

Table 6-4. Marking band widths

6.2.3.4 Recommendation.— An object should be coloured in a single conspicuous colour if its projection on any vertical plane has both dimensions less than 1.5 m. Orange or red should be used, except where such colours merge with the background.

Note.— Against some backgrounds it may be found necessary to use a different colour from orange or red to obtain sufficient contrast.

Marking by flags

- 6.2.3.5 Flags used to mark fixed objects shall be displayed around, on top of, or around the highest edge of, the object. When flags are used to mark extensive objects or groups of closely spaced objects, they shall be displayed at least every 15 m. Flags shall not increase the hazard presented by the object they mark.
 - 6.2.3.6 Flags used to mark fixed objects shall not be less than 0.6 m on each side.

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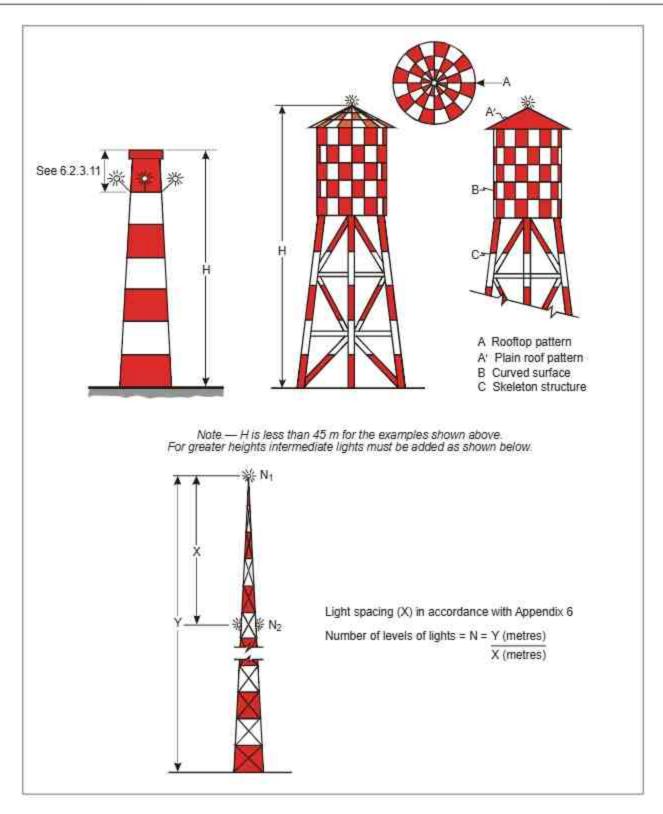


Figure 6-2. Examples of marking and lighting of tall structures

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6.2.3.7 Recommendation.— Flags used to mark fixed objects should be orange in colour or a combination of two triangular sections, one orange and the other white, or one red and the other white, except that where such colours merge with the background, other conspicuous colours should be used.

Marking by markers

- 6.2.3.8 Markers displayed on or adjacent to objects shall be located in conspicuous positions so as to retain the general definition of the object and shall be recognizable in clear weather from a distance of at least 1 000 m for an object to be viewed from the air and 300 m for an object to be viewed from the ground in all directions in which an aircraft is likely to approach the object. The shape of markers shall be distinctive to the extent necessary to ensure that they are not mistaken for markers employed to convey other information, and they shall be such that the hazard presented by the object they mark is not increased.
- 6.2.3.9 Recommendation.— A marker should be of one colour. When installed, white and red, or white and orange markers should be displayed alternately. The colour selected should contrast with the background against which it will be seen.

Lighting

- 6.2.3.10 In the case of an object to be lighted, one or more low-, medium- or high-intensity obstacle lights shall be located as close as practicable to the top of the object.
- Note.— Recommendations on how a combination of low-, medium- and/or high-intensity lights on obstacles should be displayed are given in Appendix 6.
- 6.2.3.11 Recommendation.— In the case of chimney or other structure of like function, the top lights should be placed sufficiently below the top so as to minimize contamination by smoke, etc. (See Figure 6-2).
- 6.2.3.12 In the case of a tower or antenna structure indicated by high-intensity obstacle lights by day with an appurtenance, such as a rod or an antenna, greater than 12 m where it is not practicable to locate a high-intensity obstacle light on the top of the appurtenance, such a light shall be located at the highest practicable point and, if practicable, a medium-intensity obstacle light, Type A, mounted on the top.
 - 6.2.3.13 In the case of an extensive object or of a group of closely spaced objects to be lighted that are:
 - a) penetrating a horizontal obstacle limitation surface (OLS) or located outside an OLS, the top lights shall be so arranged as to at least indicate the points or edges of the object highest in relation to the obstacle limitation surface or above the ground, and so as to indicate the general definition and the extent of the objects; and
 - b) penetrating a sloping OLS, the top lights shall be so arranged as to at least indicate the points or edges of the object highest in relation to the OLS, and so as to indicate the general definition and the extent of the objects. If two or more edges are of the same height, the edge nearest the landing area shall be marked.
- 6.2.3.14 Recommendation.— When the obstacle limitation surface concerned is sloping and the highest point above the OLS is not the highest point of the object, additional obstacle lights should be placed on the highest point of the object.
- 6.2.3.15 Where lights are applied to display the general definition of an extensive object or a group of closely spaced objects, and
 - a) low-intensity lights are used, they shall be spaced at longitudinal intervals not exceeding 45 m; and

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- medium-intensity lights are used, they shall be spaced at longitudinal intervals not exceeding 900 m.
- 6.2.3.16 High-intensity obstacle lights, Type A, and medium-intensity obstacle lights, Types A and B, located on an object shall flash simultaneously.
- 6.2.3.17 Recommendation.— The installation setting angles for high-intensity obstacle lights, Type A, should be in accordance with Table 6-5.
- Note.— High-intensity obstacle lights are intended for day use as well as night use. Care is needed to ensure that these lights do not create disconcerting dazzle. Guidance on the design, location and operation of high-intensity obstacle lights is given in the Aerodrome Design Manual (Doc 9157), Part 4.
- 6.2.3.18 Recommendation.— Where, in the opinion of the appropriate authority, the use of high-intensity obstacle lights, Type A, or medium-intensity obstacle lights, Type A, at night may dazzle pilots in the vicinity of an aerodrome (within approximately 10 000 m radius) or cause significant environmental concerns, a dual obstacle lighting system should be provided. This system should be composed of high-intensity obstacle lights, Type A, or medium-intensity obstacle lights, Type B or C, for night-time use.

Lighting of objects with a height less than 45 m above ground level

- 6.2.3.19 Recommendation.— Low-intensity obstacle lights, Type A or B, should be used where the object is a less extensive one and its height above the surrounding ground is less than 45 m.
- 6.2.3.20 Recommendation.— Where the use of low-intensity obstacle lights, Type A or B, would be inadequate or an early special warning is required, then medium- or high-intensity obstacle lights should be used.
- 6.2.3.21 Recommendation.— Low-intensity obstacle lights, Type B, should be used either alone or in combination with medium-intensity obstacle lights, Type B, in accordance with 6.2.3.22.
- 6.2.3.22 Recommendation.— Medium-intensity obstacle lights, Type A, B or C, should be used where the object is an extensive one. Medium-intensity obstacle lights, Types A and C, should be used alone, whereas medium-intensity obstacle lights, Type B, should be used either alone or in combination with low-intensity obstacle lights, Type B.

Note.— A group of buildings is regarded as an extensive object.

Lighting of objects with a height 45 m to a height less than 150 m above ground level

- 6.2.3.23 Recommendation.— Medium-intensity obstacle lights, Type A, B or C, should be used. Medium-intensity obstacle lights, Types A and C, should be used alone, whereas medium-intensity obstacle lights, Type B, should be used either alone or in combination with low-intensity obstacle lights, Type B.
- 6.2.3.24 Where an object is indicated by medium-intensity obstacle lights, Type A, and the top of the object is more than 105 m above the level of the surrounding ground or the elevation of tops of nearby buildings (when the object to be marked is surrounded by buildings), additional lights shall be provided at intermediate levels. These additional intermediate lights shall be spaced as equally as practicable, between the top lights and ground level or the level of tops of nearby buildings, as appropriate, with the spacing not exceeding 105 m.
- 6.2.3.25 Where an object is indicated by medium-intensity obstacle lights, Type B, and the top of the object is more than 45 m above the level of the surrounding ground or the elevation of tops of nearby buildings (when the object to be marked is surrounded by buildings), additional lights shall be provided at intermediate levels. These additional intermediate lights shall be alternately low-intensity obstacle lights, Type B, and medium-intensity obstacle lights, Type B, and shall be

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spaced as equally as practicable between the top lights and ground level or the level of tops of nearby buildings, as appropriate, with the spacing not exceeding 52 m.

6.2.3.26 Where an object is indicated by medium-intensity obstacle lights, Type C, and the top of the object is more than 45 m above the level of the surrounding ground or the elevation of tops of nearby buildings (when the object to be marked is surrounded by buildings), additional lights shall be provided at intermediate levels. These additional intermediate lights shall be spaced as equally as practicable, between the top lights and ground level or the level of tops of nearby buildings, as appropriate, with the spacing not exceeding 52 m.

6.2.3.27 Where high-intensity obstacle lights, Type A, are used, they shall be spaced at uniform intervals not exceeding 105 m between the ground level and the top light(s) specified in 6.2.3.10, except that where an object to be marked is surrounded by buildings, the elevation of the tops of the buildings may be used as the equivalent of the ground level when determining the number of light levels.

Lighting of objects with a height 150 m or more above ground level

- 6.2.3.28 Recommendation.— High-intensity obstacle lights, Type A, should be used to indicate the presence of an object if its height above the level of the surrounding ground exceeds 150 m and an aeronautical study indicates such lights to be essential for the recognition of the object by day.
- 6.2.3.29 Where high-intensity obstacle lights, Type A, are used, they shall be spaced at uniform intervals not exceeding 105 m between the ground level and the top light(s) specified in 6.2.3.10, except that where an object to be marked is surrounded by buildings, the elevation of the tops of the buildings may be used as the equivalent of the ground level when determining the number of light levels.
- 6.2.3.30 Recommendation.— Where, in the opinion of the appropriate authority, the use of high-intensity obstacle lights, Type A, at night may dazzle pilots in the vicinity of an aerodrome (within approximately 10 000 m radius) or cause significant environmental concerns, medium-intensity obstacle lights, Type C, should be used alone, whereas mediumintensity obstacle lights, Type B, should be used either alone or in combination with low-intensity obstacle lights, Type B.
- 6.2.3.31 Where an object is indicated by medium-intensity obstacle lights, Type A, additional lights shall be provided at intermediate levels. These additional intermediate lights shall be spaced as equally as practicable, between the top lights and ground level or the level of tops of nearby buildings, as appropriate, with the spacing not exceeding 105 m.
- 6.2.3.32 Where an object is indicated by medium-intensity obstacle lights, Type B, additional lights shall be provided at intermediate levels. These additional intermediate lights shall be alternately low-intensity obstacle lights, Type B, and medium-intensity obstacle lights, Type B, and shall be spaced as equally as practicable between the top lights and ground level or the level of tops of nearby buildings, as appropriate, with the spacing not exceeding 52 m.
- 6.2.3.33 Where an object is indicated by medium-intensity obstacle lights, Type C, additional lights shall be provided at intermediate levels. These additional intermediate lights shall be spaced as equally as practicable, between the top lights and ground level or the level of tops of nearby buildings, as appropriate, with the spacing not exceeding 52 m.

6.2.4 Wind turbines

6.2.4.1 A wind turbine shall be marked and/or lighted if it is determined to be an obstacle.

Note 1.— Additional lighting or markings may be provided where in the opinion of the State such lighting or markings are deemed necessary.

Note 2 - See 4.3.1 and 4.3.2

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Markings

6.2.4.2 Recommendation.— The rotor blades, nacelle and upper 2/3 of the supporting mast of wind turbines should be painted white, unless otherwise indicated by an aeronautical study.

Lighting

- 6.2.4.3 Recommendation.— When lighting is deemed necessary, in the case of a wind farm, i.e. a group of two or more wind turbines, the wind farm should be regarded as an extensive object and the lights should be installed:
 - a) to identify the perimeter of the wind farm;
 - b) respecting the maximum spacing, in accordance with 6.2.3.15, between the lights along the perimeter, unless a dedicated assessment shows that a greater spacing can be used;
 - so that, where flashing lights are used, they flash simultaneously throughout the wind farm;
 - d) so that, within a wind farm, any wind turbines of significantly higher elevation are also identified wherever they are located; and
 - e) at locations prescribed in a), b) and d), respecting the following criteria:
 - for wind turbines of less than 150 m in overall height (hub height plus vertical blade height), medium-intensity lighting on the nacelle should be provided;
 - ii) for wind turbines from 150 m to 315 m in overall height, in addition to the medium-intensity light installed on the nacelle, a second light serving as an alternate should be provided in case of failure of the operating light. The lights should be installed to assure that the output of either light is not blocked by the other; and
 - iii) in addition, for wind turbines from 150 m to 315 m in overall height, an intermediate level at half the nacelle height of at least three low-intensity Type E lights, as specified in 6.2.1.3, should be provided. If an aeronautical study shows that low-intensity Type E lights are not suitable, low-intensity Type A or B lights may be used.

Note.— The above 6.2.4.3 e) does not address wind turbines of more than 315 m of overall height. For such wind turbines, additional marking and lighting may be required as determined by an aeronautical study.

- 6.2.4.4 Recommendation.— The obstacle lights should be installed on the nacelle in such a manner as to provide an unobstructed view for aircraft approaching from any direction.
- 6.2.4.5 Recommendation.— Where lighting is deemed necessary for a single wind turbine or short line of wind turbines, the installation should be in accordance with 6.2.4.3 e) or as determined by an aeronautical study.

6.2.5 Overhead wires, cables, etc., and supporting towers

Marking

6.2.5.1 Recommendation.— The wires, cables, etc., to be marked should be equipped with markers; the supporting tower should be coloured.

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Marking by colours

6.2.5.2 Recommendation.— The supporting towers of overhead wires, cables, etc., that require marking should be marked in accordance with 6.2.3.1 to 6.2.3.4, except that the marking of the supporting towers may be omitted when they are lighted by high-intensity obstacle lights by day.

Marking by markers

- 6.2.5.3 Markers displayed on or adjacent to objects shall be located in conspicuous positions so as to retain the general definition of the object and shall be recognizable in clear weather from a distance of at least 1 000 m for an object to be viewed from the air and 300 m for an object to be viewed from the ground in all directions in which an aircraft is likely to approach the object. The shape of markers shall be distinctive to the extent necessary to ensure that they are not mistaken for markers employed to convey other information, and they shall be such that the hazard presented by the object they mark is not increased.
- 6.2.5.4 Recommendation.— A marker displayed on an overhead wire, cable, etc., should be spherical and have a diameter of not less than 60 cm.
- 6.2.5.5 Recommendation.— The spacing between two consecutive markers or between a marker and a supporting tower should be appropriate to the diameter of the marker, but in no case should the spacing exceed:
 - a) 30 m where the marker diameter is 60 cm progressively increasing with the diameter of the marker to
 - b) 35 m where the marker diameter is 80 cm and further progressively increasing to a maximum of
 - c) 40 m where the marker diameter is of at least 130 cm.

Where multiple wires, cables, etc., are involved, a marker should be located not lower than the level of the highest wire at the point marked.

- 6.2.5.6 Recommendation.— A marker should be of one colour. When installed, white and red, or white and orange markers should be displayed alternately. The colour selected should contrast with the background against which it will be seen.
- 6.2.5.7 Recommendation.— When it has been determined that an overhead wire, cable, etc., needs to be marked but it is not practicable to install markers on the wire, cable, etc., then high-intensity obstacle lights, Type B, should be provided on their supporting towers.

Lighting

- 6.2.5.8 Recommendation.— High-intensity obstacle lights, Type B, should be used to indicate the presence of a tower supporting overhead wires, cables, etc., where:
 - an aeronautical study indicates such lights to be essential for the recognition of the presence of wires, cables, etc.;
 or
 - b) it has not been found practicable to install markers on the wires, cables, etc.

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- 6.2.5.9 Where high-intensity obstacle lights, Type B, are used, they shall be located at three levels:
- at the top of the tower;
- at the lowest level of the catenary of the wires or cables; and
- at approximately midway between these two levels.

Note.— In some cases, this may require locating the lights off the tower.

6.2.5.10 Recommendation.— High-intensity obstacle lights, Type B, indicating the presence of a tower supporting overhead wires, cables, etc., should flash sequentially; first the middle light, second the top light and last, the bottom light. The intervals between flashes of the lights should approximate the following ratios:

Flash interval between	Ratio of cycle time
middle and top light	1/13
top and bottom light	2/13
bottom and middle light	10/13.

Note.— High-intensity obstacle lights are intended for day use as well as night use. Care is needed to ensure that these lights do not create disconcerting dazzle. Guidance on the design, operation and the location of high-intensity obstacle lights is given in the Aerodrome Design Manual (Doc 9157), Part 4.

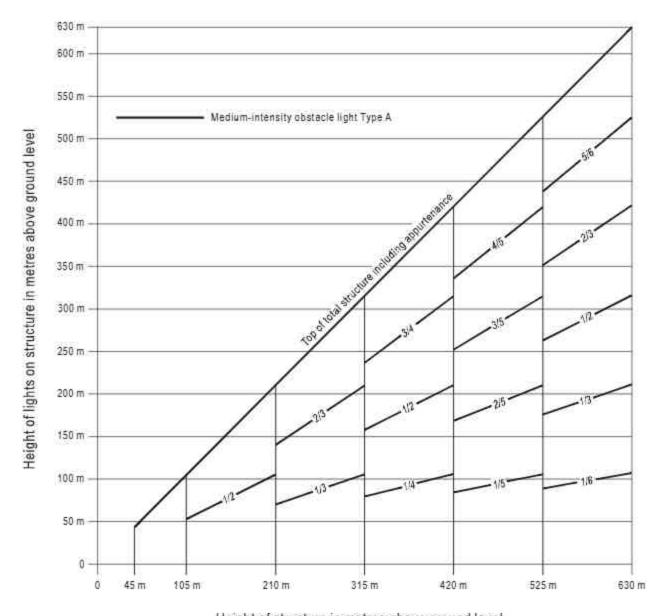
- 6.2.5.11 Recommendation.— Where, in the opinion of the appropriate authority, the use of high-intensity obstacle lights, Type B, at night may dazzle pilots in the vicinity of an aerodrome (within approximately 10 000 m radius) or cause significant environmental concerns, a dual obstacle lighting system should be provided. This system should be composed of high-intensity obstacle lights, Type B, for daytime and twilight use and medium-intensity obstacle lights, Type B, for night-time use. Where medium-intensity lights are used they should be installed at the same level as the high-intensity obstacle light Type B.
- 6.2.5.12 Recommendation.— The installation setting angles for high-intensity obstacle lights, Type B, should be in accordance with Table 6-5.

Table 6-5. Installation setting angles for high-intensity obstacle lights

Height of light unit above terrain (AGL)		Angle of the peak of the beam above the horizontal
Greater than	Not exceeding	
151 m		0°
122 m	151 m	1°
92 m	122 m	2°
	92 m	3°

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APPENDIX 6. LOCATION OF LIGHTS ON OBSTACLES

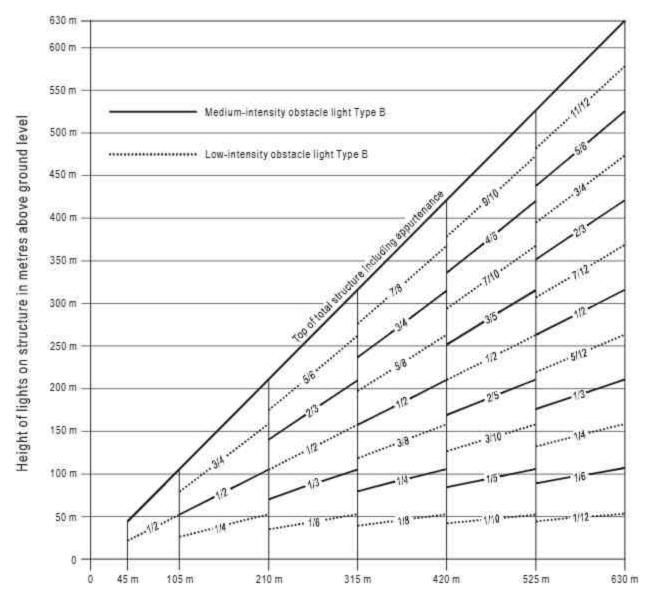


Height of structure in metres above ground level

Note.— High-intensity obstacle lighting is recommended on structures with a height of more than 150 m above ground level. If medium-intensity lighting is used, marking will also be required.

Figure A6-1. Medium-intensity flashing-white obstacle lighting system, Type A

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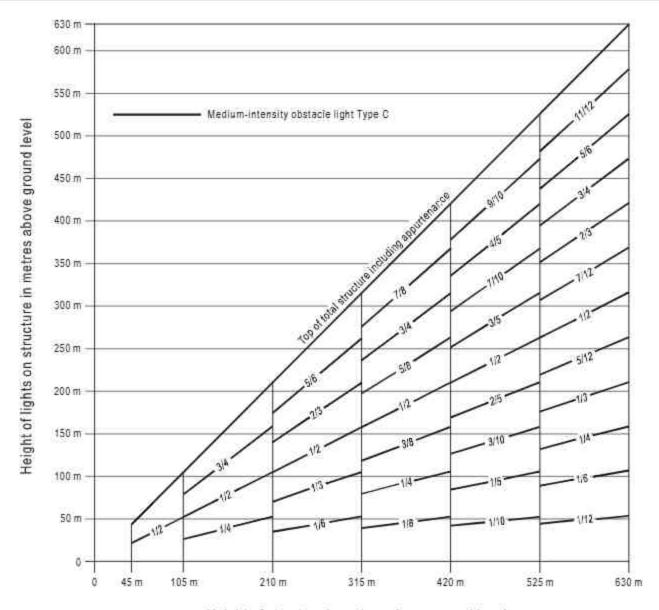
Height of structure in metres above ground level

Note - For night-time use only.

Figure A6-2. Medium-intensity flashing-red obstacle lighting system, Type B

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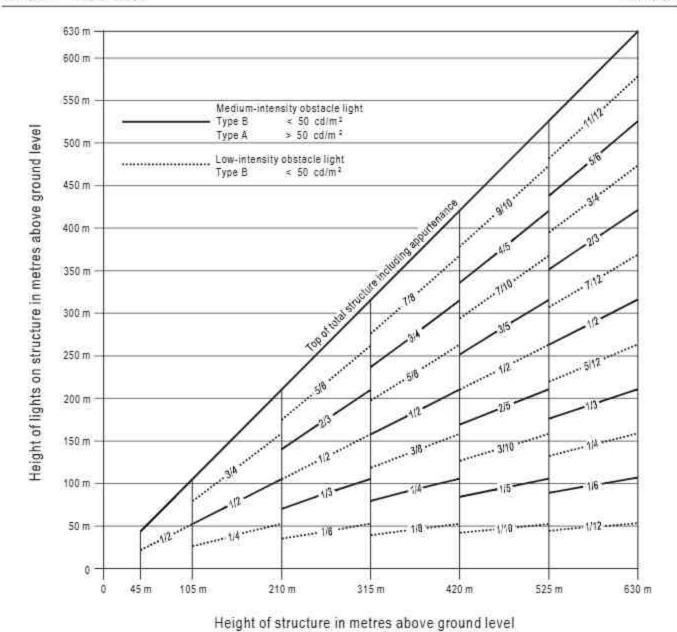
Height of structure in metres above ground level

Note.— For night-time use only.

Figure A6-3. Medium-intensity fixed-red obstacle lighting system, Type C

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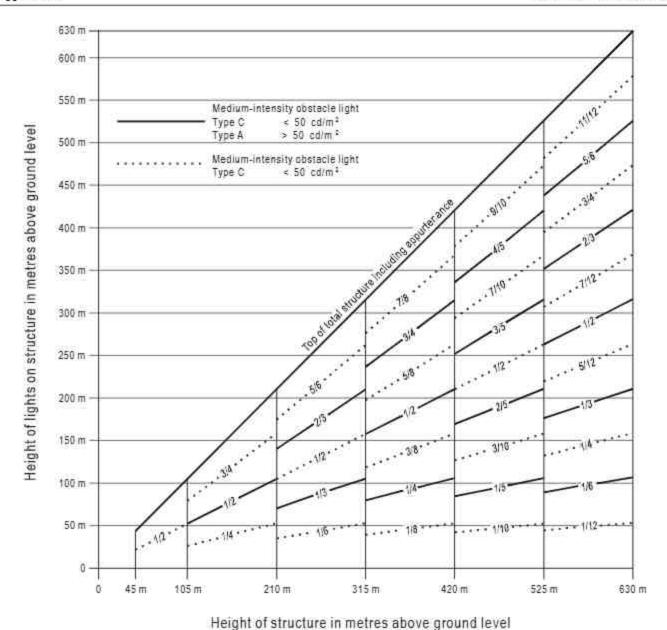


Note.— High-intensity obstacle lighting is recommended on structures with a height of more than 150 m above ground level. If medium-intensity lighting is used, marking will also be required.

Figure A6-4. Medium-intensity dual obstacle lighting system, Type A/Type B

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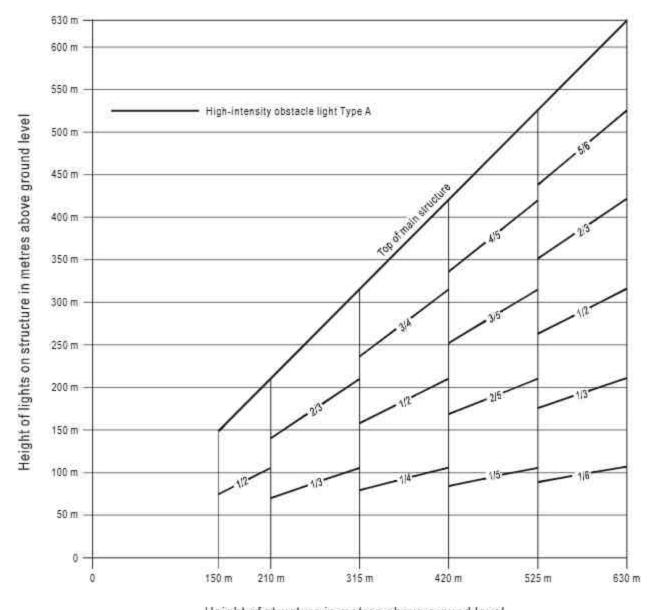


Note.— High-intensity obstacle lighting is recommended on structures with a height of more than 150 m above ground level. If medium-intensity lighting is used, marking will also be required.

Figure A6-5. Medium-intensity dual obstacle lighting system, Type A/Type C

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Height of structure in metres above ground level

Figure A6-6. High-intensity flashing-white obstacle lighting system, Type A

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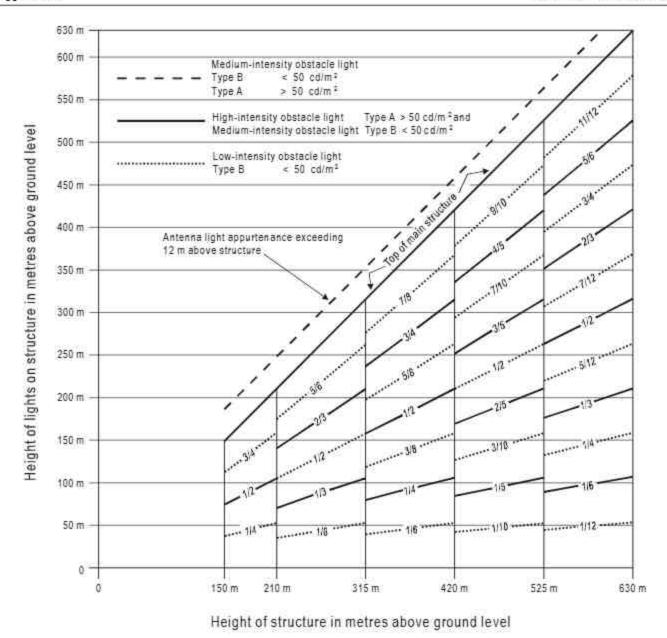


Figure A6-7. High-/medium-intensity dual obstacle lighting system, Type A/Type B

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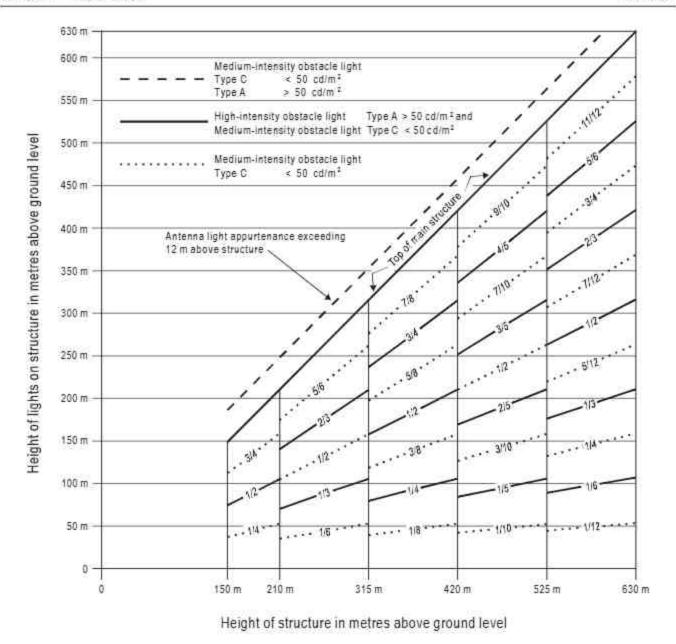


Figure A6-8. High-/medium-intensity dual obstacle lighting system, Type A/Type C

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Annexure-04

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Government of India Ministry of Railways (Railway Board)



RBA. No 92/2022

No. 2022/ACII/2/1

New Delhi, Dated

6. 6.2022.

1. General Managers/ PFA etc (As per Standard list I).

2. All Attached Offices/ Subordinate Offices (As per standard list II)

Sub: Revised Codal life of Assets.

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Kindly refer to para 219 of Indian Railway Finance Code, Vol-1, detailing the normal life of various assets. In this regard Electrical, Mechanical and Signalling Directorates have proposed revision of codal life of certain assets. The same have been examined by the multidisciplinary Executive Directors' Committee set up in Railway Board. Their recommendations have been accepted by Board. Accordingly, Advance Correction Slip No. 92 amending Para 219, Indian Railway Finance Code Vol-1 is enclosed for information and necessary action.

Encl: As above.

(Sanjeev Sharma) OSD/Accounts Railway Board

Copy to :

1. DyC&AG of India (Railways), Room No. 224, Rail Bhawan, New Delhi (with 45 spare copies).

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5 Advisor/MR, OSD/MR, OSD/Co-ord/MR, Additional PS/MR

Room No. 419 A, Rail Bhawan, Raisina Road, New Delhi- 110001

1

Advance Correction slip No.92 Indian Railway Finance Code —Volume -I (1998) Para 219:

 Replace the existing class of assets and their average life in the table given under Para 219 Indian Railway Finance Code — Volume -1 (1998) as under.

Codal life of other items not covered in the ACS will remain as per extant instructions for those items

(iii) ELECTRICAL ASSETS

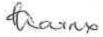
S.No	o Class of Assets		Average life	Remarks
14	Water Cooler, Refrigeration hospital and domestic appli		10	Actual replacement shall be based on condition of the asset
15	Internal wiring of building	a) Coastal area	15	Actual replacement shall be based on condition of the asset
	b) Non-coastal area		20	Actual replacement shall be based on condition of the asset
18	Electric Pumps		20	Actual replacement shall be based on condition of the asset

B) Equipments required for replacement through DRF/ Sinking Fund.

iii)	Lightning Arrestor (Ga	Lightning Arrestor (Gapless Type)							
	(a) (42kV)		15	Actual replacement shall be based on condition of the asset					
	(b) (96kV/120kV/ 198kV	′)	20	Actual replacement shall be based on condition of the asset					
vi)	Battery Charger		20	Actual replacement shall be based on condition of the asset					
xii)	OHE conductors & com	ponents – For Norn	al Zone						
b)	Other than fixed structu	res							
i)	a) Cantilevers assembly		45	Actual replacement shall be based on condition of the asset					
i)	b) All type of insulators	(a) Porcelain	40	Actual replacement shall be based on condition of the asset					
	(b) Composite		25	Actual replacement shall be based on condition of the asset					



ii)	Isolators/ATD	(a) Isolators	30	B. C. (**) T. L. (**)	replacement shall be based on ion of the asset			
		(b) ATD	32		replacement shall be based on ion of the asset			
c)	Wires							
ii)	Contact Wire		45	Actual replacement shall be based condition of the asset				
xiii)	** Definition of Polluted	Zone for item xiii	onents – For Polluted Zone** me for item xiii under OHE Conductors & components (for pollute (Equivalent Salt Deposit Density) >0.3 should be considered as p					
i	Cantilever assembly and All type of insulators	Cantilever assembly	45		Actual replacement shall be based on condition of the asset			
	The Sylve Sylvinodialous	Insulators:						
		Composite	25		Actual replacement shall be based on condition of the asset			
ii	ATD	h .	24		Actual replacement shall be based on condition of the asset			
111	Contact Wire		40 years / on the basis of condemning dia. whichever is earlier s 45 years/on the basis of condemning dia. whichever is earlier		Actual replacement shall be based on condition of the asset			
xiv)	PSI Equipments							
a)	Substation's Equipment	,						
ii)	Fixed capacitor bank		20		Actual replacement shall be based on condition of the asset			



(IV) MECHANICAL ASSET

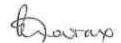
S.No.	5.11.55 04 25.55.65	Averag life in years	e Remarks
1	Machine tools like lathes, Planners, Drilling, Boring and Milling machines etc.	20	Actual replacement shall be based on condition of the asset
2	High Precision and special purpose machines like Wheels lathes	20	Actual replacement shall be based on condition of the asset
3	Tool room and testing Laboratory equipment	15	Actual replacement shall be based on condition of the asset
4	Foundry and Forge Equipment	20	Actual replacement shall b based on condition of the asset
5	Heat Treatment equipment	20	Actual replacement shall be based on condition of the asset
6	EOT Cranes	36	Actual replacement shall be based on condition of the asset
7	Power Generation Machinery & Switches	Deleted	
8 (General purpose light machinery e.g. band saw, floor grinder etc.	15	Actual replacement shall be based on condition of the asset
9 /	Aîr compressors	20	Actual replacement shall be based on condition of the asset
Ite	Other miscellaneous machines e.g. light cleaning machines, est equipment in loco sheds, workshops, depot & sick ines	Deleted	
11. (i) Construction Machinery equipment	Deleted	
G	ii) Track maintenance Equipment		
(1	a)Tamping, Ballast cleaning & handling, DTS and relaying machines		Actual replacement shall be based on condition of the asset
(b) Material handling machines		Actual replacement shall be pased on condition of the asset
(e) Rail Grinding Machines		Actual replacement shall be passed on condition of the asset



S.No.	Class of Assets	Average life in years	Remarks
13	Miscellaneous machinery and equipment for hospital, offices etc.	10	Actual replacement shall be based on condition of the asset
14	Mechanical Weigh Bridges	Deleted	
15	Electronic in motion weigh Bridges	12	Actual replacement shall be based on condition of the asset
16	Wheel impact Load detector(WILD)	12	Actual replacement shall be based on condition of the asset
17	Diesel pumps	15	Actual replacement shall be based on condition of the asset
18	Welding equipments	10	Actual replacement shall be based on condition of the asset
19	Diesel Refrigeration equipment	Deleted	
20	Material Handling equipment like FLT, Lister trucks etc.	10	Actual replacement shall be based on condition of the asset
21	Traversers	25	Actual replacement shall be based on condition of the asset
22	Fuel Station Dispensation Equipment	10	Actual replacement shall be based on condition of the asset
23	(i) Bulldozers and		Actual replacement shall be based on condition of the asset
	(ii) other earth moving equipment	Deleted.	
24	Motor Boats	1025	Actual replacement shall be based on condition of the asset
25	Hydraulic Re-railing Equipment		Actual replacement shall be based on condition of the asset
RO	AD VEHICLES		
26 5	Staff cars including Jeeps	III 945.74 OF	Actual replacement shall be based on condition of the asset



S.No.	Class of Assets	Average Remarks life in years
27	Light motor vehicles	10 years Actual replacement shall be for based on condition of the asset Diesel
28	Heavy Motor vehicles	and 15 Actual replacement shall be years for based on condition of the asset
29	Tractors	Petrol as per norms. Actual replacement shall be based on condition of the asset



(IV) MECHANICAL ASSET

ROLLING STOCK

S.No	Class of Assets	Average life in years	Remarks					
40	Open Bogie wagons with air brakes and casnub bogies BOXN, BOY, BOBRN, 35 years (subject to Actual replacement, shall be							
a)	BOXN, BOY, BOBRN, BOBSN	35 years (subject to outcome of structural and financial justification to be conducted for extension beyond 30 years).	Actual replacement shall be based on condition of the asset					
b) BOBYN		38.	Actual replacement shall be based on condition of the asset					
c)	Other open wagons	30	Actual replacement shall be based on condition of the asset					
41	Bogie tank wagons with air brakes and Casnub bogies							
a)	BTPN	45 years (subject to outcome of structural audit to be conducted for extension beyond 40 years).	Actual replacement shall be based on condition of the asset					
b) Other tank wagons		40	Actual replacement shall be based on condition of the asse					
42	All other types of Bogie was	gons with air brakes and Casi	nub bogies					
a)	BCN	40 years (subject to outcome of structural audit and financial justification to be conducted for extension beyond 35 years).	Actual replacement shall be based on condition of the asset					
<i>b)</i>	All other wagons	35	Actual replacement shall be based on condition of the asset					
43	Open Wagons with vacuum brakes and UIC bogies	Deleted	27 110 45301					
14	Other Wagons with vacuum brakes and UIC bogies	Deleted						
15	4-wheeler wagons (open and covered)	Deleted						
16	4-wheeler tank Wagons (with plain bearings)	Deleted						
17	4-wheeler tank wagons (with roller bearings)	Deleted						



(V) SIGNAL & TELECOMMUNICATION ASSETS

(A) SIGNALLING SYSTEM

S.No.	Class of Assets	Average life in years	Remarks
3	(i) Electronic Signalling system like Axle Counter, AFTC, IPS etc	20 years/based on obsolescence	Actual replacement shall be based on condition of the asset
	(ii) Kavach (Automatic Train Protection- ATP)	15	Actual replacement shall be based on condition of the asset

(Authority Board's letter no. 2022/AC II/2/1 dated 6..6.2022)

Champ

Annexure-05

THE SINGARENI COLLIERIES COMPANY LIMITED

(A Govt. Company) RAMAGUNDAM AREA – I

Ref No: RO1/SUR/SS 6/ 137

To: AGM (EMG/AU), NTPC-Remagundam, Jyothinagar -- 505215 Dist: Peddapalli State: Telangana

Dear Sir,

Sub: Use of Ash in underground mines stowing - Bottom Ash vis-à-vis ESP First Field Ash - Reg.

Ref: 1).Report of CIMFR - Advice of use of Pond Ash of NTPC Plant/Ramagundam, 2), 09/EMG/AU/2018, Dtd.26-05-2018.

We convey our sincere thanks to NTPC management in providing required Bottom Ash as stowing material in our underground mines of Ramagundam Area-I. We are using Bottom Ash from NTPC as stowing material in 3 underground mines i.e., GDK-1 &3, GDK-2 &2A and GDK-5 mines. While using Bottom Ash as stowing material in our underground mines as per the earlier study of Scientific Agency (CIMFR) and as per the permission conditions of DGMS, Bottom Ash having 1% of less than 53 microns is permitted to use.

After studying the draft report of CIMFR on use of mixed bottom ash and field ash for underground mine stowing, we have some apprehensions to appease. They are:

 The DGMS authorities are insisting not to have more than 1% of -53 microns whereas in draft report, the percentage of particle - 53 microns is 8.4.

2. The nature of barricading material to retain fine stowing material in goaf and to percolate water from

fine ash and barricade.

Ensuring correct proportion of mixture of ash while stowing (water: Bottom Ash).

CIMFR shall take responsibility to get permission from DGMS by explaining them regarding the
possibilities and also to participate meetings with DGMS authorities and SCCL management as and
when required during the study period.

After getting clarification from CIMFR regarding the above apprehensions, a trial study shall be carried in any one of the mine by CIMFR with permission of DGMS.

Thanking you,

Yours faithfully,

(V.VIJAYAPAL REDDY

General Manager, Ramagundam Area – 1

Cc: Agent/GDK-1 Group, DY.GM(Survey)/RG-1, Incharge,Strata control cell/RG-1

Mi with



THE SINGARENI COLLIERIES COMPANY LIMITED (A GOVT.COMPANY) SRIRAMPUR AREA.

Ref.No:SRP/ISO/2018/111

Date: 04.06.2018

To: AGM (EMG/AU), NTPC-Ramagundam, Jyothinagar – 505215 Dist: Peddapalii State: Telangana

Dear Sir,

Sub: Use of Ash in underground mines stowing – Bottom Ash vis-à-vis ESP First field ash-Reg. Ref: 09/EMG/AU/2018, Dtd:26-05-2018.

We convey our sincere thanks to your NTPC management in providing required quantity bottom ash as stowing material in our underground mines. In Srirampur Area, we are using bottom ash from NTPC as well as STPP-Jaipur Plants, as stowing material, in 5 underground mines i.e., IK-1A, SRP-1, SRP-3, RK-7 & RK-8 mines. We have established Bottom Ash as stowing material in our underground mines with the help of Scientific Agency- CIMFR. While using bottom as stowing material, the following condition shall be ensured as per DGMS permission:

Bottom Ash shall not have particle size less than 53 microns.

After studying the draft report of CIMFR on use of mixed bottom ash and field ash for underground mine stowing, we have some apprehensions to appease. They are:

- The DGMS authorities are insisting not to have particle size less than 53 microns. But in draft report, the percentage of particle size less than 53 microns is 8.4.
- The nature of barricading material to retain fine stowing material in goaf and to percolate water from fine ash and barricade.
- Ensuring correct proportion of mixture of ash while stowing.

After getting clarification from CIMFR regarding the above apprehensions, a trial study shall be carried in any one of the mine with permission from DGMS under the guidance of CIMFR and it shall be the responsible of the CIMFR to get permission from DGMS and also to participate meetings with DGMS authorities as and when required during the study period.

Thanking you,

Yours faithfully,

Encl: permission copy

(Sd.M.Subhani) / General Manager,

Srirampur

Cc : GM (HRD)

Angerme 3/21.

discourage to 11, log. 11, 27, 27, 27, 27, 27, 31718, 2116, 12, 2018 . 35, 1

Conditions governing use of cottom ash as storage participal or concl. See 2N 19 of Hig.2 seam of

Use of Bottom Ash Instead of sixed as storong material on experimental state or happened on the six details agency RNa rung of the company stablect to the following countries assured in the company

- The Bottom Ash proposed to be used for starving about not never per series at these than the medical in Sintable monitoring shall be done to ensure this,
- The scientific agency/R&D wing of the company shall be engaged to the inflowing purpose. 2.0
 - a) Determination of the physical properties of ash such as specific gravity, bulk density, parcially and granulometric distribut on of different fractions.
 - b) Water percolation and vettlement characteristics
 - Spontaneous heating characteristics.
 - d) Leaching study
 - e) For ascertaining and eclabilishing the shrinkage of stoered bottom and c
 - () Compressibility characteristics
 - To examine the existing stowing arrangements in the above mater and to suggest any modifications.
 - h) To suggest instrumenta ion and strata monitoring plan for the astrotecting punels
 - Participate in the DGMS meetings and assist mine management in obtaining correspond.
- After completion of stowing, a meeting shall be arranged with the constructe mentions, premise 3.0 agency/R&O wing of the company to review the performance, revenue, and to discide cause rooms, of 4.0
- The stowing operation shall be supervised in shifts to an unitie manual man ascertain the efficiency list in and drainage of water out of the goal.
- The overall stowing related incretions shall be supervised by a terum in the Einst Claus Corthicate or 5.0 compatency under Coal Minc. Regulations, 2017 6.0
- Each void after filling shall till checked for the effective filling with a suitable rod and the record or the checking shall be maintained in a bound paged book and countersigned by the manager daily. 7.0
- The amount of water used for slowing and the amount of water drained out shall be cross checked with V-notch suitably placed in the district and the pumping hours in the seam B.D
- The drainage pipes shall be provided at least two parallel sets at different nerron to drain out the water 9.0
- A suitable arrangement for the inspection of the places promises from wrose the bottom acts is lifted and transported to the mine to ascertain the quality of the slowing material. This inspection shall be carried out at least on weekly base. This sampling of bottom ash shall be corned out for grain sec and proximate analysis of the bot om ash on weekly basis and record of analysis shall be maintained to a bound pages book and count reigned by the manager. The unbornt carbon percentage in bottom asin used for stowing should not be more than 17%.
- A suitable code of practice -half be framed for the above purpose carmarking the duties and the responsibilities of each concerned taking into account all the activities involved and a keep shall re-

Page 1 of 1

Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-1&II

				Apr-2	3	,
S. No.	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass
			M1149106657	M1149100520	M1149100666	M1149102501)
01	PENING QUANTITY					
1 0	pening Quantity of Coal	(MT)	396845,27	0.00	0,00	D,
	alue of Stock	(Rs.)	1929302013,00	0.00	0.00	0.
	UANTITY					
	santity of Coal supplied by Coal Company	(MT)	888819.86		0.00	0.
	ljustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0
5 Co	oul supplied by Coal Company (3+4)	(MT)	888819.86		0.00	0.
	ormative Transit & Handling Losses (For Coal based Projects)	(MT)	2996,08	0,00	0,00	D,
	et Coal Supplied (5-6)	(MT)	885823,78	00.00	0.00	0,
	RICE	7735773			202	
8 Ar	mount charged by the Coal Company	(Rs.)	4,108,446,575.00	0.00	0.00	0.
9 Ac	ljustment (+/-) in amount charged made by Coal Company	(Rs.)	0.00	0.00	0.00	0
	andling Sampling and such other similar charges	(Rs.)	15093401,62	0.00	0.00	- 0
	otal amount Charged (8+9+10)	(Rs.)	4123539976.62	0.00	0.00	D.
	RANSPORATION	(0-2)	21.011.044.01	0.00	0.00	0
	ansportation charges by rail/ship/road transport Jjustment (+/-) in amount charged made by Railways/Transport	(Rs.)	31,811,044.91	0.00	2,00	U.
13 Co	ompeny	(Rs.)	0.00	0.00	0.00	0
	emistrage Charges, if any	(Rs.)	0,00	0.00	0,00	D
	ost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	0.00	0.00	0,00	0
	otal Transportation Charges (12+13+14+15)	(Rs.)	31811044,91	0.00	0.00	0.
17 To	otal amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	4155351021.53	0.00	0.00	
) Tro	OTAL COST					
	inded cost of Coal (2+17)/(1+7)	Rs./MT	4743,744	0.000	0.000	0,000
19 8	ending Ratio (Domestic/Imported)	2 00000000	100.00%	0.00%	0.00%	0,000%
20 W	eighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT		4743.7	4	
20a W	eighted average cost of Coal/ Lignite (Excluding Biomass)			4743.74		
) 01	IIALITY (Stage - I, II, III, & IV)					
	CV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4270	0	0	
	CV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4052	0	0	
23 GC	V of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)	1667	12	- 57	
	CV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				
	eighted average GCV of coal as billed (Including Biotuass)	(kCal/Kg)		4120		
	eighted average GCV of coal as billed (Excluding Biomass)	(kCnl/Kg)		4120		
	V of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3571	0	0	
	CV of Domestic Coal / Big Mass supplied as received at Station	(kCal/Kg)	3669	0	0	
	CV of Imported Coal of opening stock as received at Station	(kCal/Kg)	2009			
	V of Imported Coal supplied as received at Station	(kCal/Kg)		V		
	eighted average GCV of coal/ Lignite as received (including Biomass)	(kCal/Kg)		3639		
30	eighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)		3639		

Rakesh Digitally signed by Rakesh Kumar Date: 2024.05.24

16:02:42 +05'30'

As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants

FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL**

Date:

2024.08.23

13:05:32 +05'30'

Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-III

vame	or the Generating Station	R51P5 Star	C*III				
			Apr-23				
S. No.	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass	
		_	N11149109657	M11491006Z0	M1149100666	M1149102501W	
۸)	OPENING QUANTITY				3		
1	Opening Quantity of Coal	(MT)	396845,27	0,00	0.00	0,0	
2	Value of Stock	(Rs.)	1929302013.00	0.00	0.00	0.0	
3)	QUANTITY				4145334	*/***	
	Quantity of Coal supplied by Coal Company	(MT)	888819.86		0.00	0.0	
	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0.0	
	Coal supplied by Coal Company (3+4)	(MT)	888819.86		0.00	0.0	
	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	2996.08		0.00	0.0	
	Net Coal Supplied (5-6)	(MT)	885823,78	0.00	0,00	0,0	
C)	PRICE						
- 8	Amount charged by the Coal Company	(Rs.)	4,108,446,575.00	0.00	0.00	0.0	
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0.00		0.00	0.0	
	Handling, Sampling and such other similar charges	(Rs.)	15093401.62		0.00	0.0	
	Total amount Charged (8+9+10)	(Rs.)	4123539976.62	0,00	0,00	0.0	
D)	TRANSPORATION	1 200	2.2		217	723	
-12	Transportation charges by rail/ship/road transport	(Rs.)	31,811,044,91	0.00	0.00	0.0	
	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0.00	11177777	0.00	0,0	
14	Demurrage Charges, if any	(Rs.)	0,00	0,00	0,00	0.0	
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	0.00	0.00	0.00	0.0	
16	Total Transportation Charges (12+13+14+15)	(Rs.)	31811044.91	0.00	0.00	0.0	
17	Total amount Charged for Coal supplied including Transportation [11+16]	(Rs.)	4155351021.53	0.00	0.00	0.0	
E)	TOTAL COST						
18	Landed cost of Coal (2+17)/(1+7)	Rs./WT	4743,744	0.000	0.000	0.000	
19	Blending Ratio (Domestic/Imported)	E-CASTONES	100.00%	0.00%	0.00%	0.000%	
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT		4743.7	4		
20n	Weighted average cost of Coal/Liguite (Excluding Biomass)		4743.74				
F)	QUALITY (Stage - I, II, III, & IV)	1	11				
	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4270	OI.	nI		
	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4052		0		
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)	2100		1		
	GCV of Imported Coal supplied as per bill Coal Company	(kCai/Kg)					
	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)		4120	- 4		
	Weighted average GCV of coal as billed (Excluding Biomass)	-		4120	1		
	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3571	4120	0		
	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg) (kCal/Kg)	3571	0	Û		
20	GCV of Imported Coal of opening stock as received at Station	(IcCal/Kg)	2003	, v			
20	GCV of Imported Coal or opening stock as received at Station	(kCal/Kg)					
67		18 08 1	-	3639			
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)		3939			
	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	3639				

Rakesh by Rakesh Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. **Chartered Accountants** FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL**

Date: 2024.08.23 13:06:10 +05'30'

Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-1&II

vanie or c	ne Generating Station	Katrastag	10.100	1711		
				May-2	3	
S. No.	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass
			M1149106657	M1149100520	M1149100666	M1149102501)
(P	ENING QUANTITY					
1 Op	ening Quantity of Coal	(MT)	236957,05	0.00	0,00	D,I
	ue of Stock	(Rs.)	1124063008.80	0.00	0.00	0.0
	ANTITY					
	antity of Coal supplied by Coal Company	(MT)	981924.07	0.00	0.00	0.
	isstment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0.
5 Cox	al supplied by Coal Company (3+4)	(MT)	981924,07	0.00	0.00	0.
	rmative Transit & Handling Losses (For Coal based Projects)	(MT)	3965,89		0,00	D,
	t Coal Supplied (5-6)	(MT)	977958,18	00.00	0.00	0,
	ICE				200	
8 Am	ount charged by the Coal Company	(Rs.)	4,623,163,642.73	0.00	0.00	0.
y Adj	justment (+/-) in amount charged made by Coal Company	(Rs.)	0.00	0.00	0.00	0.
	ndling. Sampling and such other similar charges tal amount Charged (8+9+10)	(Rs.)	15590781.47 4638754424.20	0.00	0.00	0.
	ANSPORATION	(Rs.)	4030/5446420	0.00	0,00	D,
	insportation charges by rail/ship/road transport	(Rs.)	75,446,418.00	0.00	0.00	0.
	insportation classes by rain/anip/road dansport justment (+/-) in amount charged made by Railways/Transport	(85)	/3,440,410,40	0,00	2,00	- 0.
13 Cor		(Rs.)	0.00	0.00	0.00	0
	murrage Charges, if any	(Rs)	0.00	0.00	0.00	Ď
	st of diesel in transporting Coal through MGR system, if applicable	(Rs.)	0.00	0.00	0.00	0.
	tal Transportation Charges (12+13+14+15)	(Rs.)	75446418.00	0.00	0.00	0.
	tal amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	4714200842.20		0.00	0.
) Iro	TAL COST	1				
	ided cost of Coal (2+17)/(1+7)	Rs./MT	4805,491	0.000	0.000	0,000
19 Ble	ending Ratio (Domestic/Imported)		100.00%	0.00%	0.00%	0.000%
20 We	ighted average cost of Coal/ Lignite (Including Blomass)	Rs./MT		4805.4	9	
20a We	eighted average cost of Coal/ Lignite (Excluding Biomass)			4805.49		
) QU	ALITY (Stage - I, II, III, & IV)				-	7
	V of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4120	0	0	
	V of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4059	0	0	
23 GC	V of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			- 57	
	V of imported Coal supplied as per bill Coal Company	(kCal/Kg)				
	righted average GCV of coal as billed (Including Biomass)	(ltCal/Kg)		4071		
	righted average GCV of coal as billed (Excluding Biomass)	(kCnl/Kg)		4071		
	V of Domestic Coal of the opening stock as received at Station	(hCal/Kg)	3639		0	
	V of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3646	0	0	
28 00	V of Imported Coal of opening stock as received at Station	(kCal/Kg)	2015			
29 GC	V of Imported Coal supplied as received at Station	(kCal/Kg)				
	righted average GCV of coal/ Lignite as received (including Biomass)	(kCal/Kg)		3645		
30	righted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)		3645		

Rakesh by Rakesh Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. **Chartered Accountants** FRN: 016750N

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Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-III

1 Ope 2 Vali 3 Qua 4 Adj 5 Coa 6 Nor 7 Net 9 Adj 10 Han 11 Tota 12 Tra Adj 13 Con 14 Den 15 Cos 16 Tota 17 Tota				May-2	2	
) OPI 1 Ope 2 Vali 1) QU 3 Qua 4 Adp 5 Coa 6 Nor 7 Net 9 Adp 10 Han 11 Tota 12 Tra Adp 13 Con 14 Den 15 Cos 16 Tota 17 Tota			Si wa	may 2	3	
1 Ope 2 Vali 3 Qua 4 Adj 5 Coa 6 Nor 7 Net 9 Adj 10 Han 11 Tota 12 Tra Adj 13 Con 14 Den 15 Cos 16 Tota 17 Tota	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass
1 Ope 2 Vali 3 Qua 4 Adj 5 Coa 6 Nor 7 Net 9 Adj 10 Han 11 Tota 12 Tra Adj 13 Con 14 Den 15 Cos 16 Tota 17 Tota			N11149100657	M11491006Z0	M1149100666	M1149102501W
2 Valida QUJ 3 Quad 4 Adj 5 Coad 6 Nor 7 Net 7 Net 9 Adj 10 Ham 11 Tota Adj 13 Coad 14 Den 15 Coad 16 Tota 17 Tota 17 Tota 17 Tota 18 Tota 19 Coad 19 Coad 19 Coad 19 Coad 10 Tota 17 Tota 17 Tota 18 Tota 19 Tota	ENING QUANTITY					
9 QUA 3 Qua 4 Adj 5 Cou 6 Nor 7 Net 9 Adj 10 Han 11 Tota 12 Tra Adj 13 Con 14 Den 15 Cos 16 Tota 17 Tota	ening Quantity of Coal	(MT)	236957,05	0.00	0,00	0,0
3 Qua 4 Adj 5 Coa 6 Nor 7 Net 9 Adj 10 Han 11 Tota 12 Tra Adj 13 Con 14 Den 15 Cos 16 Tota 17 Tota	lue of Stock	(Rs.)	1124063008.80	0.00	0.00	0,0
4 Adj. 5 Coa 6 Nor 7 Net 9 PRU 8 Arm 9 Adj. 10 Han 11 Tota 12 Tra Adj. 13 Con 14 Den 15 Cos 16 Tota 17 Tota	JANTITY				4145494	N/mile
5 Coa 6 Nor 7 Net 9 PRI 8 Am 9 Adj 10 Han 11 Tou 12 Tra Adj 13 Con 14 Den 15 Cos 16 Tou 17 Tou	antity of Coal supplied by Coal Company	(MT)	981924.07	0.00	0.00	0.0
6 Nor 7 Net 7 Net 9 PRI 8 Am 9 Adj 10 Han 11 Tota 12 Tra Adj 13 Con 14 Den 15 Cos 16 Tota 17 Tota	justment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0.0
7 Net 9 PRJ 8 Am 9 Adj 10 Han 11 Tota 12 Tra Adj 13 Con 14 Den 15 Cos 16 Tota 17 Tota	al supplied by Coal Company (3+4)	(MT)	981924,07	0.00	0.00	0.0
9 Adj 9 Adj 10 Han 11 Tota 9 Tiv 12 Tra Adju 13 Con 14 Den 15 Cos 16 Tota 17 Tota	rmative Transit & Handling Losses (For Coal based Projects)	(MT)	3965,89	0,00	0.00	0,0
8 Am 9 Adj 10 Han 11 Tota 12 Tra Adj 13 Con 14 Den 15 Cos 16 Tota 17 Tota	t Coal Supplied (5-6)	(MT)	977958,18	0.00	0,00	0,0
9 Adj 10 Han 11 Tota 12 Tra Adju 13 Con 14 Den 15 Cos 16 Tota 17 Tota				112722		
10 Han 11 Tota 12 Tra 12 Tra Adji 13 Com 14 Den 15 Cos 16 Tota 17 Tota	nount charged by the Coal Company	(Rs.)	4,623,163,642.73	0.00	0.00	0,0
11 Tota 12 Tra Adji 13 Com 14 Den 15 Cos 16 Tota 17 Tota	justment (+/-) in amount charged made by Coal Company	(Rs.)	0.00	0.00	0.00	0,0
12 Tra Adji 13 Con 14 Den 15 Cos 16 Tot 17 Tot	ndling. Sampling and such other similar charges	(Rs.)	15590781.47	0.00	0.00	0.0
12 Tra Adji 13 Con 14 Den 15 Cos 16 Tots 17 Tots	tal amount Charged (8+9+10)	(Rs.)	4638754424.20	0,00	0,00	0.0
Adji 13 Con 14 Den 15 Cos 16 Tot 17 Tot	ANSPORATION	10.3	25.446.440.00	0.00	2.00	
13 Con 14 Den 15 Cos 16 Tot 17 Tot	ansportation charges by rail/ship/coad transport	(Rs.)	75,446,418.00	0.00	0.00	0,0
15 Cos 16 Tota 17 Tota		(Rs.)	0.00	0.00	0.00	0,
16 Total	murrage Charges, if any	(Rs.)	0,00	0.00	0,00	D.
17 Tota	st of diesel in transporting Coal through MGR system, if applicable	(Rs.)	0.00	0.00	0.00	0,0
	tal Transportation Charges (12+13+14+15)	(Rs.)	75446418.00	0.00	0.00	0.0
t Inch	tal amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	4714200842.20	0.00	0.00	0.0
To	YTAL COST	1				
18 Lan	nded cost of Coal (2+17)/(1+7)	Rs./MT	4805,491	0,000	0,000	0.000
19 Bles	ending Ratio (Domestic/Imported)		100.00%	0.00%	0.00%	0.000%
20 We	eighted average cost of Coal/ Lignite (Including Blomass)	Rs./MT		4805.4	9	
201 We	eighted average cost of Coal/Liguite (Excluding Biomass)			4805.49		
) [qu	IALITY (Stage - I, II, III, & IV)	1	11			
	V of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4120	ol	0	
	V of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4059	0	0	
23 GCV	V of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)	2180	27	()	
	V of imported Coal supplied as per bill Coal Company	(kCai/Kg)				
	eighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)		4071	**	
	eighted average GCV of coal as billed (Excluding Biomass)	(lcCal/Kg)		4071	1	
	V of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3639	0	0	
	V of Domestic Coal / Bio Mass supplied as received at Station	(ltCal/Kg)	3646	0	ő	
	V of Imported Coal of opening stock as received at Station	(lcCal/Kg)		3,75		
	V of Imported Coal supplied as received at Station	(kCal/Kg)				
TATA	eighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)		3645		
30 We				3645		

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Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N

by SANCHIT **AGRAWAL** Date: 2024.08.23 13:07:13 +05'30'

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Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-I&II

				Jun-23	3	
S. No.	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass
		-1	M1149100657	M1149100520	M1149100666	M1149102501N
0	OPENING QUANTITY					
	Opening Quantity of Coal	(MT)	294797,22	0.00	0,00	0,0
2	Value of Stock	(Rs.)	1416645083,06	0.00	0.00	0.0
1	QUANTITY			200000		
	Quantity of Coal supplied by Coal Company	(MT)	886447.00		0.00	0.0
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-888.41	0.00	0.00	0.0
	Coal supplied by Coal Company (3+4)	(MT)	885558.59		0.00	0.0
	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	3140,48	0,00	0.00	D,0
	Net Coal Supplied (5-6)	(MT)	882418,11	0.00	0.00	0,0
)	PRICE					
	Amount charged by the Coal Company	(Rs.)	4,519,919,131.00	0.00	0.00	0.0
	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0.00	0.00	0.00	0.0
	Handling Sampling and such other similar charges	(Rs.)	-16728871.48		0.00	0.0
	Total amount Charged (8+9+10)	(Rs.)	4503190259,52	0.00	0.00	0,0
)	TRANSPORATION	10500	100000000000000000000000000000000000000			2.0
12	Transportation charges by rail/ship/road transport	(Rs.)	44,325,613.00	0.00	0.00	0,0
	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0.00	0.00	0.00	0.0
14	Demorrage Charges, if any	(Rs.)	0,00	0.00	0,00	0.0
	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	0.00	0.00	0,00	0.0
	Total Transportation Charges (12+13+14+15)	(Rs.)	44325613.00	0.00	0.00	0.0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs)	4547515872.52	0.00	0.00	0,0
)	TOTAL COST	1				
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	5066,330	0.000	0,000	0,000
19	Blending Ratio (Domestic/Imported)	2 00/00/00/2	100.00%	0.00%	0.00%	0.000%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT		5066.3	3	
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)			5066.33		
)	QUALITY (Stage - I, II, III, & IV)					
	GCV of Domestic Coal of the opening roal stock as per bill of Coal Company	(kCal/Kg)	4071	la la	0	
	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4081	0	0	
	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCul/Kg)	~001			
	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				
			-	4079		
	Weighted average CCV of coal as billed (Including Biotuass)	(kCal/Kg)				
	Weighted average GCV of coal as billed (Excluding Biomass)	(kCnI/Kg)	E	4079		
	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3645	0	0	
	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCnl/Kg)	3599	.0	0	
28	CCV of Imported Coal of opening stock as received at Station GCV of Imported Coal supplied as received at Station	(kCal/Kg)				
49		(kCal/Kg)		2.0.07		
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)		3611	4	
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Rakesh by Rakesh Kumar Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL** Date: 2024.08.23 13:07:50 +05'30'

Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-III

	or the Generating Station	ROLPO SUR	A CONTROL OF			
				Jun-2	3	
S. No.	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass
		1	M1149109657	M11491006Z0	M1149100666	M1149102501W
4)	OPENING QUANTITY					
1	Opening Quantity of Coal	(MT)	294797,22	0,00	0.00	0,0
2	Value of Stock	(Rs.)	1416645083.06	0.00	0.00	0.0
3)	QUANTITY			1 10 70 90 90	414722	*1***
3	Quantity of Coal supplied by Coal Company	(MT)	886447.00	0.00	0.00	0.0
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-888.41	0.00	0.00	0.0
5	Coal supplied by Coal Company (3+4)	(MT)	885558.59	0.00	0.00	0.0
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	3140,48	0,00	0.00	0.0
7	Net Coal Supplied (5-6)	(MT)	882418.11	0.00	0,00	0,0
9	PRICE				V-2-1-10	1,000
- 8	Amount charged by the Coal Company	(Rs.)	4,519,919,131.00	0.00	0.00	0,0
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0.00	0.00	0.00	0.0
10	Handling, Sampling and such other similar charges	(Rs.)	-16728871.48		0.00	0.0
11	Total amount Charged (8+9+10)	(Rs.)	4503190259,52	0.00	0.00	0.0
2)	TRANSPORATION		W 0.500 (0.000)		200.00	235
12	Transportation charges by rail/ship/road transport	(Rs.)	44,325,613.00	0.00	0.00	0.0
	Adjustment (+/-) in amount charged made by Railways/Transport	102430		-2666	5503	
	Company	(Rs.)	0.00	11177777	0.00	0.0
	Demurrage Charges, if any	(Rs)	0,00	0.00	0,00	0.0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs)	0.00		0.00	0.0
16	Total Transportation Charges (12+13+14+15)	(Rs.)	44325613,00	0.00	0.00	0.0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	4547515872.52	0.00	0.00	0.0
E)	TOTAL COST	1				
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	5066,330	0,000	0,000	0.000
19	Blending Ratio (Domestic/Imported)	- comment	100.00%	0.00%	0.00%	0.000%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT		5066.3	3	
20n	Weighted average cost of Coal/ Lignite (Excluding Biomass)			5066.33		
n	QUALITY (Stage - I, II, III, & IV)	<u> </u>	11			
	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	3743	0	0	
	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4081	0	ő	
	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)		*	, i	
	GCV of imported Coal supplied as per bill Coal Company	(kCai/Kg)				
	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)		3997		
		-	-		-	
25		(kCal/Kg)	41 -	3997	1/6	
25 25a	Weighted average GCV of coal as billed (Excluding Biomass)		20239			
25 25a 26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3645	0	0	
25a 25a 26 27	GCV of Domestic Coal of the opening stock as received at Station GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg) (kCal/Kg)	3645 3599	0	0	
25 25a 26 27 28	GCV of Domestic Coal of the opening stock as received at Station GCV of Domestic Coal / Bio Mass supplied as received at Station GCV of Imported Coal of opening stock as received at Station	(kCal/Kg) (kCal/Kg) (kCal/Kg)		0		
25 25a 26 27 28	GCV of Domestic Coal of the opening stock as received at Station GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg) (kCal/Kg)		0		
25 25a 26 27 28	GCV of Domestic Coal of the opening stock as received at Station GCV of Domestic Coal / Bio Mass supplied as received at Station GCV of Imported Coal of opening stock as received at Station GCV of Imported Coal supplied as received at Station	(kCal/Kg) (kCal/Kg) (kCal/Kg)		3611	0	

Rakesh by Rakesh Kumar Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL** Date: 2024.08.23 13:08:19 +05'30'

Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-I&II

				Jul-23		
S. No.	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass
			M1149100657	M1149100620	M1149100666	M1149102501N
4)	OPENING QUANTITY			***************************************		C-70020000000000000000000000000000000000
1	Opening Quantity of Coal	(MT)	377813.34	0.00	0.00	0.00
2	Value of Stock	(Rs.)	1914126620.92	0.00	0.00	0.00
3)	QUANTITY					
	Quantity of Coal supplied by Coal Company	(MT)	718884.71	0.00	0.00	0.00
	Adjustment [+/-] in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0.00
	Coal supplied by Coal Company [3+4]	(MT)	718884.71	0.00	0.00	0.00
	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	2695.91	0.00	0.00	0.00
	Net Coal Supplied (5-6)	(MT)	716188.80	0.00	0.00	0.00
	PRICE					
	Amount charged by the Coal Company	(Rs.)	3,661,291,485.00	0.00	0.00	0.00
	Adjustment [+/-] in amount charged made by Coel Company	[Rs.]	0,00	0.00	0.00	0.00
	Handling, Sampling and such other similar charges	(Rs.)	12907794.99	0.00	0.00	0.00
	Total amount Charged (8+9+10)	[Rs.]	3674199279,99	0.00	0.00	0.00
	TRANSPORATION	122000		7 757573	120900	
12	Transportation charges by rail/ship/road transport	[Rs.]	52,449,007.00	0.00	0.00	0.00
	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0.00	0.00	0.00	0.00
	Demurrage Charges, if any	(Rs.)	0.00	0.00	0.00	0.00
15	Cost of diesel in transporting Coal through MCR system, if applicable	(Rs.)	0.00	0.00	0.00	0.00
16	Total Transportation Charges (12+13+14+15)	(Rs.)	52449007.00	0.00	0.00	0.00
17	Total emount Charged for Coal supplied including Transportation (11+16)	[Rs.]	3726648286,99	0.00	0,00	0.00
(3)	TOTAL COST	1				
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	5156,091	0,000	0.000	0,000
19	Blending Ratio (Domestic/Impurted)		100.00%	0.00%	0.00%	0.000%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT		5156.0	9	
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)			5156.09		
7)	QUALITY (Stage - I, II, III, & IV)	Ť	F		*	
	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4079	0	ol	
	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4059	0	e e	
	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			· ·	
	GCV of Imported Coal supplied as per bill Coal Company	[kCal/Kg]				
	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)		4066		
	Weighted average GCV of coal as billed (Excluding Biomass)	(kCul/Kg)		4066		
	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3611	4000	0	
	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCol/Kg)	3394		8	
	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)	3374	. 9	.0	
	CCV of Imported Coal supplied as received at Station	(kCel/Kg)				
27				3469		
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)		3409	K	

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2024.05.24

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As per our report of even date
For M/s Goyal Parul and Co.
Chartered Accountants
FRN: 016750N

Digitally signed by SANCHIT AGRAWAL Date: 2024.08.23 13:08:50 +05'30'

Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-III

				Jul-23		
S. Na.	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass
			M1149100657	M1149186628	M1149100666	M1149102501W
A)	OPENING QUANTITY					
1	Opening Quantity of Coal	(MT)	377813.34	0.00	0.00	0.0
	Value of Stock	(Rs.)	1914126620,92	0.00	0.00	0.0
	QUANTITY	90		20		
	Quantity of Coal supplied by Coal Company	(MT)	718884.71	0.00	0.00	0.0
	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0.0
	Coal supplied by Coal Company (3+4)	(MT)	718884.71	0.00	0.00	0.0
	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	2695.91	0.00	0.00	0.0
	Net Coal Supplied (5-6)	(MT)	716188.80	0.00	0.00	0.0
C)(PRICE					
8	Amount charged by the Coal Company	(Rs.)	3,661,291,485.00	0.00	0.00	0.00
	Adjustment [+/-] in amount charged made by Coal Company	(Rs.)	0.00	0.00	0.00	0.00
	Handling, Sampling and such other similar charges	(Rs.)	12907794.99	0.00	0.00	0.0
-	Total amount Charged (8+9+10)	(Rs.)	3674199279.99	0.00	0.00	0.00
D)	TRANSPORATION	77253			11272	7272
12	Transportation charges by rail/ship/road transport	[Rs.]	52,449,007.00	0.00	0.00	0.00
	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0.00	0.00	0.00	0.00
14	Demurrage Charges, If any	(Rs.)	0.00	0.00	0.00	0.00
15	Cost of diesel in transporting Coal through MCR system, if applicable	(Rs)	0,00	0.00	0.00	0.00
16	Total Transportation Charges (12+13+14+15)	(Rs.)	52449007,00	0.00	0.00	0.00
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	3726648286,99	0.00	0.00	0.00
E)	TOTAL COST			P		
18	Landed cost of Coal [2+17]/(1+7)	Rs./MT	5156,091	0,000	0.000	0.000
19	Blending Ratio (Domestic/Imported)		100.00%	0.00%	0.00%	0.000%
	Weighted average cost of Coal/ Lignite (Including Stomass)	Rs./NT		5156.0	9	
_	Weighted average cost of Coal/ Lignite (Excluding Homass)			5156.09		
F)	QUALITY (Stage * I, II, III, & IV)	-	5			
	GCV of Domastic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4079	ol	0	-
	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4059	0	0	
	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)	9007		- 0	
	GCV of Imported Coal supplied as per bill Coal Company	[kCal/Kg)				
	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)		4066		
					· ·	
	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	Se POST	4066		
	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3611	0)	0	
	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3394	0	0	
	GCV of Imported Coal of opening stock as received at Station GCV of Imported Coal supplied as received at Station	(kCal/Kg)				
29		[lcCal/Kg]				
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)		3469	M.	
				1.70		

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by Rakesh Kumar

Date: 2024.05.24

As per our report of even date For M/s Goyal Parul and Co.

Chartered Accountants

FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL**

Date: 2024.08.23

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Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-1&II

vame	of the Generating Station	RSTPS Stag	C-16III			
				Aug-23	i.	
S. No.	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass
			M1149100657	M1149100630	M1149100666	M1149102501N
4)	OPENING QUANTITY	1				
	Opening Quantity of Coal	(MT)	85851.13	0.00	0.00	0.0
	Value of Stock	(Rs.)	442656610.17	0.00	0.00	0.0
3)	QUANTITY					
3	Quantity of Coal supplied by Coal Company	(MT)	1042329.43	0.00	0.00	0.0
	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0.0
- 5	Coal supplied by Coal Company (3+4)	(MT)	1042329,43	0.00	0.00	0.0
- 6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	4933,50	0.00	0.00	0.0
7	Net Coal Supplied (5-6)	(MT)	1037495.93	0.00	0.00	0.0
C)	PRICE			8	0	
8	Amount charged by the Coal Company	[Rs.]	4,927,898,720.80	0.00	0.00	0.00
9	Adjustment [+/-] in amount charged made by Coel Company	[Rs.]	0.00	0.00	0.00	0.0
10	Handling, Sampling and such other similar charges	(Rs.)	20729383.03	0.00	0,00	0.0
- 11	Total amount Charged (8+9+10)	[Rs.]	4948628103,83	0.00	0,00	0.0
0)	TRANSPORATION	170000			11/1/1/1/1/1	
12	Transportation charges by rail/ship/road transport	[Rs.]	149,062,835,67	0.00	0.00	0.00
	Adjustment (+/-) in amount charged made by Railways/Transport					
13	Company	(Rs.)	0.00	0.00	0.00	0.0
	Demurrage Charges, if any	(Rs.)	0.00	0.00	0.00	0.00
	Cost of diesel in transporting Goal through MCR system, if applicable	(Rs.)	0.00	0.00	0.00	0.00
	Total Transportation Charges (12+13+14+15)	(Rs.)	149062835.67	0.00	0.00	0.00
17	Total amount Charged for Coal supplied including Transportation [11+16]	[Rs.]	5097690939,50	0.00	0,00	0.00
E)	TOTAL COST	1	er .		-	_
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4932,000	0,000	0.000	0,000
19	Blending Ratio (Domestic/Imported)		100.00%	0.0096	0.00%	0.000%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT		4932.0	0	
20a	Weighted average cost of Coal/ Lignite (Excluding Riomass)			4932.00		
F)	QUALITY (Stage - I, II, III, & IV)	Ť	F		ä	
	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4067	0	ol	-
	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	3938	0	à	
	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)		, i	-	
	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				
	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)		3948	1	
				3948		
	Weighted average GCV of coal as billed (Excluding Biomass)	(kCul/Kg)	(6126	3740	740	
	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3469	. 0	0	-
	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3117		.0	
	GCV of Imported Cool of opening stock as received at Station	(kCal/Kg) (kCal/Kg)				
28			P.			
28	CCV of Imported Coal supplied as received at Station					
28	Walebtad avarage CCV of part / Hanita as carelyed (Including Diamage)	(kCal/Kg)		3144	i.	

Rakesh by Rakesh Kumar Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N

by SANCHIT **AGRAWAL** Date: 2024.08.23 13:10:04 +05'30'

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Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-III

				Aug-2	3	
S. Na.	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass
			M1149100657	M1149186628	M1149100666	M1149102501W
	OPENING QUANTITY		TANK TANK TANK			
	Opening Quantity of Coal	(MT)	85851.13	0.00	0.00	0.00
1001	Value of Stock	(Rs.)	442656610.17	0.00	0.00	0.00
8)	QUANTITY	100	4			
	Quantity of Coal supplied by Coal Company	(MT)	1042329.43	0.00	0.00	0.00
	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0.00
	Coal supplied by Coal Company (3+4)	(MT)	1042329.43	0.00	0.00	0.00
	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	4833.50	0.00	0.00	0.00
	Net Coal Supplied (5-6)	(MT)	1037495.93	0.00	0.00	0.00
	PRICE					
	Amount charged by the Coal Company	(Rs.)	4,927,898,720.80	0.00	0.00	0.00
	Adjustment [+/-] in amount charged made by Coal Company	(Rs.)	0.00	0.00	0.00	0.00
	Handling, Sampling and such other similar charges	(Rs.)	20729383.03	0.00	0.00	0.00
-	Total amount Charged (8+9+10)	(Rs.)	4948628103.83	0.00	0.00	0.00
	TRANSPORATION				112000	
12	Transportation charges by rail/ship/road transport	(Rs.)	149,062,835,67	0.00	0.00	0.00
	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0.00	0.00	0.00	0.00
	Demurrage Charges, If any	(Rs.)	0.00	0.00	0.00	0.00
15	Cost of diesel in transporting Coal through MCR system, if applicable	(Rs)	0,00	0.00	0.00	0.00
16	Total Transportation Charges (12+13+14+15)	(Rs.)	149062835,67	0.00	0.00	0.00
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	5097690939,50	0.00	0.00	0.00
6)	TOTAL COST		-	Pr		
	Landed cost of Coal [2+17]/(1+7)	Rs./MT	4932.000	0,000	0.000	0.000
19	Blending Ratio (Domestic/Imported)		100.00%	0.00%	0.00%	0.000%
20	Weighted average cost of Coal/ Lignite (Including Stomass)	Rs./NT		4932.0	0	
20a	Weighted average cost of Coal/ Lignite (Excluding Riomass)			4932.00		
F) 1	QUALITY (Stage - I, II, III, & IV)	Ţ	3			
	GCV of Domastic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4067	0	0	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	3938	0	0	
	GCV of Imported Coal of the opening stock as per bill Coal Company	[kCa!/Kg]	0.500	- 1	·	
	GCV of Imported Coal supplied as per bill Coal Company	[kCal/Kg)				
	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)		3948		
	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	780 4 (186)	3948		
	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3469	0)	0	
	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3117	0	0	
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)		-		
29	GCV of Imported Goel supplied as received at Station	[lcCal/Kg]		· 1		
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)		3144	8	
1,545						

Rakesh Digitally signed by Rakesh Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants

FRN: 016750N

Digitally signed by SANCHIT AGRAWAL Date:

2024.08.23

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Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-1&II

vanne	of the Generating Station	RSTPS Stag	0 10.11	.7441 57	2.	
				Sep-23	3	
S. No.	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass
		-	M1149100657	M1149100630	M1149100666	M1149102501N
1)	OPENING QUANTITY					
1	Opening Quantity of Coal	(MT)	0.00	0.00	0.00	0.0
2	Value of Stock	(Rs.)	0.00	0.00	0.00	0.0
3)	QUANTITY			1 3		
3	Quantity of Coal supplied by Coal Company	(MT)	1105739.08	0.00	0.00	0.0
	Adjustment [+/-] in quantity supplied made by Coal Company	(MT)	-572.19	0.00	0.00	0.0
	Coal supplied by Coal Company (3+4)	(MT)	1105166.89	0.00	0.00	0.0
- 6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	5578.17	0.00	0.00	0.0
7	Net Coal Supplied (5-6)	(MT)	1099588.72	0.00	0.00	0.0
1	PRICE		Š.	3		
	Amount charged by the Coal Company	[Rs.]	4,999,909,843.20	0.00	0.00	0.0
	Adjustment [+/-] in amount charged made by Coal Company	[Rs.]	0.00	0.00	0.00	0.0
10	Handling, Sampling and such other similar charges	(Rs.)	67780324.65	0.00	0.00	0.0
- 11	Total amount Charged (8+9+10)	[Rs.]	5067690167.85	0.00	0,00	0.0
))	TRANSPORATION					
12	Transportation charges by rail/ship/road transport	[Rs.]	194,316,598.33	0.00	0,00	0.0
	Adjustment (+/-) in amount charged made by Railways/Transport		TO LIGHT		0.5000	
	Company	(Rs.)	0.00	0.00	0.00	0.00
	Demurrage Charges, if any	(Rs.)	0.00	0.00	0.00	0.0
	Cost of diesel in transporting Coal through MCR system, if applicable	[Rs.]	0.00	0.00	0.00	0.00
	Total Transportation Charges (12+13+14+15)	(Rs,)	194316598.33	0.00	0.00	0.00
17	Total smount Charged for Coal supplied including Transportation (11+16)	[Rs.]	5262006766,18	0.00	0,00	0.00
)	TOTAL COST	-1	77			
	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4785.43	0,000	0.000	0,000
19	Blending Ratio (Domestic/Imported)	- 22	100.00%	0.00%	0.00%	0.000%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT		4785.4	3	
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)			4785.43		
F)	QUALITY (Stage - I, II, III, & IV)	Ť	F		- 7	
_	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	3941	0	ol	
	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	3931	0	6	
	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			-	
	GCV of Imported Coal supplied as per bill Coal Company	[kCal/Kg]				
	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)		3931	-	
	Weighted average GCV of coal as billed (Excluding Biomass)	(kCul/Kg)	ė.	3931		
25-			3144	01	0	
		(kCal/Kg)	3144	0	0	
26	GCV of Domestic Coal of the opening stock as received at Station		2107	0		
26 27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)				
26 27 28	GCV of Domestic Coal / Bio Mass supplied as received at Station GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)				
26 27 28	GCV of Domestic Coal / Bio Mass supplied as received at Station GCV of Imported Coal of opening stock as received at Station CCV of Imported Coal supplied as received at Station Western as a second of the Station			3182		

Rakesh by Rakesh Kumar Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N

Digitally signed by SANCHIT AGRAWAL Date: 2024.08.23 13:11:25 +05'30'

Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-III

				Sep-23	1	
S. No.	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass
		- 1	M1149100657	M1149180620	M1149100666	M1149102501W
	OPENING QUANTITY		The state of the s			
	Opening Quantity of Coal	(MT)	0.00	0.00	0.00	0.00
1000	Value of Stock	(Rs.)	0.00	0.00	0.00	.0,00
-	QUANTITY					
	Quantity of Coal supplied by Coal Company	(MT)	1105739,08	0.00	0.00	0.00
	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-572.19	0.00	0.00	0.00
	Coal supplied by Coal Company (3+4)	(MT)	1105166.89	0.00	0.00	0.00
	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	5578.17	0.00	0.00	0.00
	Net Coal Supplied (5-6)	(MT)	1099588.72	0.00	0.00	0.00
	PRICE	-				
	Amount charged by the Coal Company	(Rs.)	4,999,909.843.20	0.00	0.00	0.00
	Adjustment [+/-] in amount charged made by Coal Company	(Rs.)	0.00	0.00	0.00	0.00
	Handling, Sampling and such other similar charges	(Rs.)	67780324.65	0.00	0.00	0.00
	Total amount Charged (8+9+10)	(Rs.)	5067690167.85	0.00	0.00	0.00
	TRANSPORATION	170000			1277	72723
	Transportation charges by rail/ship/road transport	(Rs.)	194,316,598.33	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0.00	0.00	0.00	0.00
	Demurrage Charges, If any	(Rs.)	0.00	0.00	0.00	0.00
	Cost of diesel in transporting Coal through MCR system, if applicable	(Rs)	0,00	0.00	0.00	0.00
	Total Transportation Charges (12+13+14+15)	(Rs.)	194316598.33	0.00	0.00	0.00
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	5262006766,18	0.00	0.00	0.00
6)	TOTAL COST			No.	5	
	Landed cost of Coal [2+17]/(1+7)	Rs./MT	4785.432	0,000	0.000	0.000
19	Blending Ratio (Domestic/Imported)		100.00%	0.00%	0.00%	0.000%
20	Weighted average cost of Coal/ Lignite (including Stomass)	Rs./NT		4785.4	3	
20a	Weighted average cost of Coal/ Lignite (Excluding Riomass)			4785.43		
F) [QUALITY (Stage - I, II, III, & IV)	_				
	GCV of Domastic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	3941	0	0	0
	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	3931	0	o o	Ö
	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCa!/Kg)	0.01		·	
	GCV of Imported Coal supplied as per bill Coal Company	[kCal/Kg)				
	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)		3931		
	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)		3931		
	GCV of Doinestic Coal of the opening stock as received at Station	The second secon	3144		- 0	
	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3182	0	0	
	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)	3102	u u	.0	
29	GCV of Imported Coal or opening stock as received at Station	(kCal/Kg)	3			
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)		3182		
	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kthl/Kg)		3182		

Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N

Digitally signed by SANCHIT AGRAWAL Date:

2024.08.23

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Name of the Petitioner: Name of the Generating Station **NTPC Limited** RSTPS Stage-I&II

S. No.	Month	Unit	Ар	r-23
5. NO.	Wionth	Onic	HFO	HSD
	W1		M1149201055	M1149200858N
A)	OPENING QUANTITY	1		-
1	Opening Stock of Oil	(KL)	4073.06	409.55
2	\ alue of Opening Stock	(Rs.)	283835408.37	44093125.93
8)	QUANTITY	T		
		03000	-5639663966	(ADDER-O
	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	2937.10	96.00
	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00
	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	2937.10	96.00
	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	2937.10	96.00
C)	PRICE			
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	167829251.43	11772129.46
	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00
	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00
	Total Amount Charged (8+9+10)	(Rs.)	167829251.43	11772129.46
	E. C.			
D)	TRANSPORATION			
	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00
	Adjustment (+/-) in amount charged by Rall/Ship/Road Company	(Rs.)	0.00	0.00
	Demurrage charges , if any	(Rs.)	0.00	0.00
	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0,00	0.00
17	 Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	167829251.43	11772129.46
	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	64429.971	110504.333
-	Blending Ratio		0.79	0.21
	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	741	44.66
E)	QUALITY	T		
	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of		176,000	Cas
21	Secondary Fuel Company,	(kcal/L)	NA	NA
22	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA	NA.
	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel	(MCSI/L)	100	, no
22	Company,	(kcal/L)		
	GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)		
	Weighted average GCV of Secondary Fuel / as Billed	(kcal/L)	NA .	NA
		THE RESIDENCE OF THE PARTY OF T		NA .
	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	0
	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	0
	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)	-	
	GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)		
30	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	90	521

Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N

Digitally signed by SANCHIT AGRAWAL Date: 2024.08.23

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Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-III

	uc.	Month	Unit	Apr-23	
5. 1	VO.	Worth	Unit	HFO	
	-	50-		M1149201055	
A)		OPENING QUANTITY			
		Opening Stock of Oil	(KL)	4073.06	
	2	Value of Opening Stock	(Rs.)	283835408.37	
B)	Ī	QUANTITY			
1					
	3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	2937.10	
	_	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	
	5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	2937.10	
	6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	
	7	Net Secondary Fuel / supplied (5-6)	(KL)	2937.10	
C)	i	PRICE	T		
	8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	167829251.43	
	_	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	
	_	Handling, Sampling & Such other similar charges	(Rs.)	0.00	
		Total Amount Charged (8+9+10)	(Rs.)	167829251.43	
D)		TRANSPORATION	T		
-,	12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	
	_	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	
		Demurrage charges , if any	(Rs.)	0.00	
		Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	
		Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	
	17	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	167829251.43	
		Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	64429.97	
		Blending Ratio	Tiony the	1.00	
	-	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	64429.97	
C \		QUALITY	Ť		
E)	=	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of			
	21	Secondary Fuel Company,	(kcal/L)	NA	
	22	CCV of Domestic Secondary Fuel complied as not kill of Secondary Fuel Company	Dean (II)	NA	
_	44	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company, GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel	(kcal/L)	NA.	
	22	[2] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4	Breat #14		
_		Company, GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L) (kcal/L)	#	
				818	
-	_	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA .	
		GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	
	_	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	
_	-	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		
		GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)	0024	
	30	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9824	

Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-I&II

S. No.	Month	Unit	May-23	
			HFO	HSD
		144	M1149201055	M1149200858N
A)	OPENING QUANTITY			
	Opening Stock of Oil	(KL)	6542.08	380.48
2	\ alue of Opening Stock	(Rs.)	421505828.20	42045031.03
8)	QUANTITY	T		
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	53.00
	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.0
	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	53.00
	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00
	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	53.00
C)	PRICE	-0.		
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	4340852.02
	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00
	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00
	Total Amount Charged (8+9+10)	(Rs.)	0.00	4340852.02
D)	TRANSPORATION		2 70	
****	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00
	Demurrage charges , if any	(Rs.)	0.00	0.00
	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00
	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00	4340852.0
	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	64429.971	107007.36
	Blending Ratio		0.75	0.25
	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	74899.73	
E)	QUALITY	T		
	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of Secondary Fuel Company,	(kcal/L)	NA	NA
22	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA NA	NA
	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel			
23	Company,	(kcal/L)		
	GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)		
25	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA	NA
	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	0
	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	0
	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		7.56
	GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)		
	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	96	16

Rakesh Digitally signed by Rakesh Kumar Date: 2024.05.24 16:07:14 +05'30'

As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL**

Date: 2024.08.23 13:14:16 +05'30'

Name of the Petitioner: Name of the Generating Station

5. N		Month		May-23	
J. 14	٥.	WORLH	Unit	HFO	
5.0				M1149201055	
A)	-	PENING QUANTITY			
	_	pening Stock of Oil	(KL)	6542.08	
	2 V	alue of Opening Stock	(Rs.)	421505828.20	
B)	10	QUANTITY	T		
-	-19	(contin)			
	30	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	
	_	djustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	
	_	econdary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	
	-	formative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	
		let Secondary Fuel / supplied (5-6)	(KL)	0.00	
20	Ta		1.		
C)	_	RICE	2000 201	795-740	
	-	mount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	
	_	djustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	
		landling, Sampling & Such other similar charges	(Rs.)	0.00	
çâ	11 T	otal Amount Charged (8+9+10)	(Rs.)	0.00	
D)	T	RANSPORATION			
	12 T	ransportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	
	13 A	djustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	
(14 D	emurrage charges , if any	(Rs.)	0.00	
	15 C	ost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	
	16 T	otal Transportation Charges (12-13+14+15)	(Rs.)	0.00	
- 7	17 T	otal amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00	
	_	anded cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	64429.97	
	_	lending Ratio	1101y rec	1.00	
	_	Veighted Average Cost of Secondary Fuel/ For the month	Rs./KL	64429.97	
	-	CONTRACTOR OF THE CONTRACTOR O			
E)		QUALITY ICV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of	-		
	COLUMN TO SERVICE	econdary Fuel Company,	(kcal/L)	NA	
-6	22 G	iCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA	
	_	iCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel			
- 32		Ompany,	(kcal/L)		
		CV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)		
5	25 W	Veighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA	
		iCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	
	_	iCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	
	_	iCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		
	-	iCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)		
	_	Veighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9824	

Name of the Petitioner: Name of the Generating Station

C No	Mosth	Unit	Jun-23	
5. No.	Month		HFO	
			M1149201055	
A)	OPENING QUANTITY			
1	Opening Stock of Oil	(KL)	6274.32	
2	Value of Opening Stock	(Rs.)	404254510.30	
	TEXTERNAL	T.		
B)	QUANTITY	_	-	
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.0	
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	
C)	PRICE	T		
		(De)	0.00	
	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	
	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	
	Handling, Sampling & Such other similar charges	(Rs.)	0.00	
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	
D)	TRANSPORATION			
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	
14	Demurrage charges , if any	(Rs.)	0.00	
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	
17	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00	
	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	64429.97	
	Blending Ratio	1104111	1.00	
	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	64429.97	
	Parameter	-		
E)	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of	9	1	
21	Secondary Fuel Company,	(kcal/L)	NA	
(22	CCV of Domestic Secondary Firel complied as not kill of Secondary Firel Company	(Isaa) (I)	NA	
2.2	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company, GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel	(kcal/L)	NA.	
22	[[[[생물]] [[[[[[[[]]]]] [[[[[]]]] [[[[[]]]]] [[[[]]] [[[]]] [[[]]] [[[[[]]]] [[[[]]]] [[[[]]]] [[[[]]]] [[[[]]]] [[[]]] [[[[]]]] [[[[]]]] [[[[]]] [[]] [[[]]] [[]]	Dearl (IA		
	Company, GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)		
	A SECURITION OF THE CONTROL OF THE C	(kcal/L)	818	
	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA O	
	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	
	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	
	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		
	GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)		
30	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9824	

NTPC Limited RSTPS Stage-I&II

S. No.	Month	Unit	Jun-23		
3. 140.	Worth		HFO	HSD	
			M1149201055	M1149200858N	
A)	OPENING QUANTITY				
	Opening Stock of Oil	(KL)	6274.32	351.42	
2	\ alue of Opening Stock	(Rs.)	404254510.30	37604323.88	
8)	QUANTITY	Т			
	Option (Control of Control of Con				
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	102.00	
	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	102.00	
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	102.00	
C)	PRICE				
	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	9022795.52	
	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	
	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	
	Total Amount Charged (8+9+10)	(Rs.)	0.00	9022795.52	
-11	Total Amount Charges (675720)	(ns.)	0.00	3022733.32	
D)	TRANSPORATION				
	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	
	Adjustment (+/-) in amount charged by Rall/Ship/Road Company	(Rs.)	0.00	0.00	
	Demurrage charges , if any	(Rs.)	0.00	0.00	
	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0,00	0.00	
17	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00	9022795.52	
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	64429.971	102834.711	
19	Blending Ratio		0.93	0.07	
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	672	91.67	
E)	QUALITY	1			
	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of	T C	1466	222	
21	Secondary Fuel Company,	(kcal/L)	NA	NA	
22	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA NA	NA	
	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel	(1,554,57	(15/2)	.563	
23	Company,	(kcal/L)			
	GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)			
	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA NA	NA	
	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	0	
	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	Ö	0	
	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)			
	GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)	-		
	Weighted average GCV of Secondary Fuel / as Received	(kcal/L)	01	756	

Rakesh Kumar

Digitally signed by Rakesh Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N Digitally signed by SANCHIT AGRAWAL Date: 2024.08.23

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NTPC Limited RSTPS Stage-I&II

S. No.	Month	Unit	Jul-23		
5. NO.	Widitii		HFO	HSD	
	***	11811	M1149201055	M1149200858N	
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	5015.89	352:10	
2	\ alue of Opening Stock	(Rs.)	323173838.08	36207803.62	
8)	QUANTITY	T			
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	258.00	
	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	
	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	258.00	
	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	
	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	258.00	
C)	PRICE				
	The state of the s	I Inch	0.00	20024000 22	
	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	28624559.22	
	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	- eniusian	0.00	
	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	28624559.22	
D)	TRANSPORATION				
	Transportation charges by Rail/Ship/Road Transport	(R5.)	0.00	0.00	
	Adjustment (+/-) in amount charged by Rall/Ship/Road Company	(Rs.)	0.00	0.00	
	Demurrage charges , if any	(Rs.)	0,00	0.00	
	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0,00	0.00	
	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00	28624559.22	
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./Kl.	64429.971	106265.647	
	Blending Ratio		0.80	0.20	
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	727.	29.81	
E)	QUALITY				
21	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of Secondary Fuel Company,	(kcal/L)	NA	NA	
22	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA	NA	
	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel	1			
23	Company,	(kcal/L)			
24	GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)			
25	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA.	NA	
26	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	0	
	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	0	
	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		2.45	
	GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)			
	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	98	544	

Rakesh Kumar

Digitally signed by Rakesh Kumar Date: 2024.05.24 16:08:25 +05'30'

As per our report of even date
For M/s Goyal Parul and Co.
Chartered Accountants
FRN: 016750N

Digitally signed by SANCHIT AGRAWAL

Date: 2024.08.23 13:17:13 +05'30'

Name of the Petitioner: Name of the Generating Station

S. No	Month	Unit	Jul-23	
5. NO	Wonth	Unit	HFO	
	901		M1149201055	
A)	OPENING QUANTITY			
10	1 Opening Stock of Oil	(KL)	5015.89	
	2 Value of Opening Stock	(Rs.)	323173838.08	
B)	QUANTITY	-	r	
	3 Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	
_	4 Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	
_	5 Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	
	6 Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	
	7 Net Secondary Fuel / supplied (5-6)	(KL)	0.00	
-	And becomes free free free free free free free fr	1 054	0.00	
C)	PRICE			
	8 Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	
	9 Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	
_	0 Handling, Sampling & Such other similar charges	(Rs.)	0.00	
	1 Total Amount Charged (8+9+10)	(Rs.)	0.00	
		10		
D)	TRANSPORATION			
1	2 Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	
1	3 Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	
1	4 Demurrage charges , if any	(Rs.)	0.00	
1	5 Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	
1	6 Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	
4	7 Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00	
	8 Landed cost of Secondary Fuel (2+17) / (1+7)		64429.9	
	9 Blending Ratio	Rs./KL	1.00	
	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	64429.9	
- 2	of weighted Average cost of Secondary Edely For the month	N3//KL	04423.3	
E)	QUALITY	T		
	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of	1	3760	
2	1 Secondary Fuel Company,	(kcal/L)	NA	
2	2 GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA.	
	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel			
	3 Company,	(kcal/L)		
2	4 GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)		
2	5 Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA	
2	6 GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	
2	7 GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	
2	8 GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		
	9 GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)		
	0 Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9824	

NTPC Limited RSTPS Stage-I&II

S. No.	Month	Unit	Aug-23		
3. 140.	Within		HFO	HSD	
	**	11811	M1149201055	M1149200858N	
A)	OPENING QUANTITY				
	Opening Stock of Oil	(KL)	3776.36	313.37	
2	\ alue of Opening Stock	(Rs.)	243310441.29	33300476.31	
8)	QUANTITY	T .			
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	2936.43	100.00	
	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	
	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	2936.43	100.00	
	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	
	Net Secondary Fuel / supplied (5-6)	(KL)	2936.43	100.00	
C)	PRICE				
	Amount Charged by the Secondary Fuel/ Company	(Rs.)	172657304.43	9115092.06	
	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	
	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	
	Total Amount Charged (8+9+10)	(Rs.)	172657304.43	9115092.06	
11	Liotal Amount Charges (9+3+10)	[(RS.)	1/205/304.45	9115092.00	
D)	TRANSPORATION	The success		SE 187	
	Transportation charges by Rail/Ship/Road Transport	(R5.)	0.00	0.00	
	Adjustment (+/-) in amount charged by Rall/Ship/Road Company	(Rs.)	0.00	0.00	
	Demurrage charges , if any	(Rs.)	0.00	0.00	
	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0,00	0.00	
17	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	172657304.43	9115092.06	
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KI.	61966.493	102609.183	
19	Blending Ratio		0.89	0.11	
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	662	72.73	
E)	QUALITY	T			
21	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of Secondary Fuel Company,	(kcal/L)	NA.	NA	
22	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA NA	NA	
	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel				
	Company,	(kcal/L)			
24	GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)			
25	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA NA	NA	
26	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	0	
27	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	.0	0	
	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		2.45	
	GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)			
	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9725		

Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL** Date: 2024.08.23 13:19:19

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Name of the Petitioner: Name of the Generating Station

0.00	Market	11-14	Aug-23	
S. No	. Month	Unit	HFO	
	(2n)		M1149201055	
A)	OPENING QUANTITY			
10	1 Opening Stock of Oil	(KL)	3776.36	
	2 Value of Opening Stock	(Rs.)	243310441.2	
В)	QUANTITY			
	3 Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	2936.4	
_	4 Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.0	
	5 Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	2936.4	
	6 Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.0	
	7 Net Secondary Fuel / supplied (5-6)	(KL)	2936.43	
C)	PRICE			
	8 Amount Charged by the Secondary Fuel/ Company	(Rs.)	172657304.4	
_	9 Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	
	0 Handling, Sampling & Such other similar charges	(Rs.)	0.0	
	1 Total Amount Charged (8+9+10)	(Rs.)	172657304.4	
D)	TRANSPORATION			
1	2 Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.0	
1	3 Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.0	
1	4 Demurrage charges , if any	(Rs.)	0.0	
1	5 Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.0	
1	6 Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	
1	7 Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	172657304.4	
1	8 Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	61966.4	
1	9 Blending Ratio		1.00	
2	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	61966.4	
E)	QUALITY			
2	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of Secondary Fuel Company,	(kcal/L)	NA	
2	2 GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA	
2	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel 3 Company,	(kcal/L)		
	4 GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)		
2	5 Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA	
	6 GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	
	7 GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	
	8 GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		
	9 GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)		
	0 Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	980	

NTPC Limited RSTPS Stage-I&II

C N-	Month	11min	Sep-23		
S. No.		Unit	HFO	HSD	
			M1149201055	M1149200858N	
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	5882.62	317.95	
2	Value of Opening Stock	(Rs.)	364525393.90	32624600.10	
-	and the second s				
8)	QUANTITY				
	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.0	
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.0	
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	
C)	PRICE				
144	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0:00	
	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.0	
	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	
	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	
- 4.6	Latest contents established (establish)	(1147)	0.00		
D)	TRANSPORATION				
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.0	
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	
14	Demurrage charges , if any	(Rs.)	0.00	0.00	
	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.0	
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.0	
17	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00	0.0	
	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	61966.493	102609.18	
	Blending Ratio	na./ NE	0.80	0.20	
	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL		53.66	
	E-(21) - More and a supplier of the Control of the	et stic for raise		Contract of the Contract of th	
E)	QUALITY				
24	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of Secondary Fuel Company,	Disast I/A	NA.	NA	
21	Securically rules company,	(kcal/L)	- 1	P. Labor P.	
22	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA .	NA	
12-2		110000000000			
	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company,	(kcal/L)	-		
2000	GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)		West	
	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA NA	NA NA	
	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	0	
	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	0	
_	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)			
	GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)			
30	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9657		



by Rakesh Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL** Date: 2024.08.23

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Name of the Petitioner: Name of the Generating Station

C 81		Unit	Sep-23	
S. N	Month		HFO	
	a juliju	10410	M1149201055	
A)	OPENING QUANTITY			
	1 Opening Stock of Oil	(KL)	5882.62	
	2 Value of Opening Stock	(Rs.)	364525393.90	
B)	QUANTITY		Г	
	3 Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	
	4 Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	
-	5 Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	
_	6 Normative transit & Handling losses (for Secondary Fuel / based projects)		0.00	
_	7 Net Secondary Fuel / supplied (5-6)	(KL)	0.00	
-	//Net Secondary Fuer/ supplied (5-6)	(KL)	0.00	
C)	PRICE		10°	
	8 Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	
	9 Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	
	10 Handling, Sampling & Such other similar charges	(Rs.)	0.00	
	11 Total Amount Charged (8+9+10)	(Rs.)	0.00	
D)	TRANSPORATION	Ì		
	12 Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	
	13 Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	
	14 Demurrage charges , if any	(Rs.)	0.00	
	15 Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	
_	16 Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	
	17 Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00	
	18 Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	61966.49	
_	19 Blending Ratio	NS./KL	1.00	
	20 Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	61966.49	
E)	QUALITY		-	
	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of		NA.	
	21 Secondary Fuel Company,	(kcal/L)	15,000	
	22 GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA	
		- Innoventure		
	23 GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Com	pany, (kcal/L)		
	24 GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)		
	25 Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA	
	26 GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	
_	27 GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	
	28 GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		
-	29 GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)	1	
	30 Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9800	

Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-I&II

			5.4554	200.000				
		Unit	0ct-23					
. No.	Month		Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass		
			M1149100657	M1149100620	M1149100666	M1149102501		
)	OPENING QUANTITY							
1	Opening Quantity of Coal	(MT)	84167.72	0.00	0.00	0		
2	Value of Stock	(Rs.)	402778619.31	0.00	0.00	0		
)	QUANTITY	20.0				i .		
3	Quantity of Coal supplied by Coal Company	(MT)	905563.33	0.00	0.00			
	Adjustment [+/-] in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	- 3		
	Coal supplied by Coal Company (3+4)	(MT)	905563.33	0.00	0.00			
	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	3214.78	0.00	0.00	- 3		
	Net Coal Supplied (5-6)	(MT)	902348.55	0.00	0.00	0		
	PRICE			3				
	Amount charged by the Coal Company	[Rs.]	4,023,511,389.00	0.00	0.00	0		
	Adjustment [+/-] in amount charged made by Coel Company	[Rs.]	0.00	0.00	0.00	- 3		
	Handling, Sampling and such other similar charges	(Rs.)	24167037.24	0.00	0.00			
- 11	Total amount Charged [8+9+10]	[Rs.]	4047678426.24	0.00	0.00			
)	TRANSPORATION							
12	Transportation charges by rail/ship/road transport	[Rs.]	82,531,134.00	0.00	0.00	3		
7,52	Adjustment (+/-) in amount charged made by Railways/Transport		172725		7222			
_	Company	(Rs.)	0.00	0.00	0.00			
	Demurtage Charges, if any	[Rs.]	0.00	0.00	0.00			
	Cost of diesel in transporting Coal through MCR system, if applicable	[Rs.]	0.00	0.00	0.00			
	Total Transportation Charges (12+13+14+15)	(Rs.)	82531134,00	0.00	0.00			
	Total amount Charged for Coal supplied including Transportation (11+16)	[Rs.]	4130209560.24	0.00	0,00			
1	TOTAL COST					ÿ		
	Landed cost of Coal (2+17)/(1+7)	Rs/MT	4594,95	0,000	0.000	0,000		
_	Blending Ratio (Domestic/Impurted)		100.00%	0.00%	0.00%	0.000%		
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	/	4594.9	5			
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)			4594.95				
)	QUALITY (Stage - I, II, III, & IV)	Ť	15					
_	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	3941	ol	0			
	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4168	0	6			
	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)						
	GCV of Imported Coal supplied as per bill Coal Company	[kCal/Kg]						
	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)		4149		1		
	Weighted average GCV of coal as hilled (Excluding Biomass)	(kCul/Kg)		4149)		
	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3182	(I	0			
	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3409	0	0	-		
	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)	2403	y.		-		
2.0	CCV of Imported Coal supplied as received at Station	(kCel/Kg)						
		(wearly or R)	ii .					
29		Occal /Key		3300	3390			
	Weighted average GCV of coal/ Lignite as received (Including Biomass) Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)		3390 3390	II.			



As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N Digitally signed by SANCHIT AGRAWAL Date: 2024.08.23

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Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-III

				Oct-23	3	
S. Na.	. Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass
		- 1	M1149100657	M1149180628	M1149100666	M1149102501W
()	OPENING QUANTITY					
1	Opening Quantity of Coal	(MT)	84167.72	0.00	0.00	0.0
2	Value of Stock	(Rs.)	402778619.31	0.00	0.00	0.0
9	QUANTITY	255		20		
3	Quantity of Coal supplied by Coal Company	(MT)	905563.33	0.00	0.00	0.
	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0.
	Coal supplied by Coal Company (3+4)	(MT)	905563.33	0.00	0.00	0.
	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	3214.78	0.00	0.00	0.
	Net Coal Supplied (5-6)	{MT}	902348.55	0.00	0.00	0.
)	PRICE		ž u			
	Amount charged by the Coal Company	(Rs.)	4,023,511,389.00	0.00	0.00	0.0
	Adjustment [+/-] in amount charged made by Coal Company	[Rs.]	0.00	0.00	0.00	0.
	Handling, Sampling and such other similar charges	(Rs.)	24167037.24	0.00	0.00	0.
	Total amount Charged (8+9+10)	[Rs.]	4047678426.24	0.00	0.00	.0.
)	TRANSPORATION	1777		ri errest	17272017	127
12	Transportation charges by rail/ship/road transport	[Rs.]	82,531,134.00	0.00	0.00	0,
	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0.00	0.00	0.00	0.
	Demurrage Charges, If any	(Rs.)	0.00	0.00	6.00	0.
15	Cost of diesel in transporting Coal through MCR system, if applicable	(Rs)	0,00	0.00	0.00	0.
16	Total Transportation Charges (12+13+14+15)	(Rs.)	82531134,00	0.00	6.00	0.
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	4130209560,24	0.00	0.00	0.0
0	TOTAL COST		-	P		
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4594,945	0.000	0.000	0.000
19	Blending Ratio (Domestic/Imported)		100.00%	0.00%	0.00%	0.000%
20	Weighted average cost of Coal/ Lignite (including Stomass)	Rs./MT		4594.9	5	
	Weighted average cost of Goal/ Lignite (Excluding Homass)			4594.95		
)	QUALITY (Stage * I, II, III, & IV)	-	S			
	GCV of Domastic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	3941	ol	0	
	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4168	0	ő	
	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCa!/Kg)	7200			
	GCV of Imported Coal supplied as per bill Coal Company	[kCal/Kg]				
	Weighted average GCV of coal as hilled (Including Biomass)	(kCal/Kg)		4149		
	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)		4149		
	The Control of the Co	The second secon	3182		20	
	GCV of Domestic Coal of the opening stock as received at Station GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3182 3409	0	0	
_	National Control of the Control for the Control of	(kCal/Kg)	3409	0	.01	
	GCV of Imported Coal of opening stock as received at Station GCV of Imported Coal supplied as received at Station	(kCal/Kg)	5			
29		[lcCal/Kg]				
	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)		3390		
30	weighten average dev or coar/ Eighter as received (inclining symmass)	(11111)				

Rakesh Digitally signed by Rakesh Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL** Date:

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Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-1&II

			Nov-23				
S. No.	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass	
		_5	M1149100657	M1149108620	M1149100666	M1149102501N	
1)	OPENING QUANTITY		***************************************				
	Opening Quantity of Coal	(MT)	131972.27	0.00	0.00	0.0	
	Value of Stock	(Rs.)	605946004.97	0.00	0.00	0.0	
	QUANTITY						
3	Quantity of Coal supplied by Coal Company	(MT)	1012267.07	0.00	0,00	0.0	
	Adjustment [+/-] in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0.0	
	Coal supplied by Coal Company [3+4]	(MT)	1012267.07	0.00	0.00	0.0	
	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	3514.48	0.00	0.00	0.0	
	Net Coal Supplied (5-6)	(MT)	1008752.59	0.00	0.00	0.0	
1	PRICE	10.1	4.040.004.004.00	lean.			
	Amount charged by the Coal Company	[Rs.]	4,719,596,931.00	0.00	0.00	0.0	
	Adjustment [+/-] in amount charged made by Coel Company	[Rs.]	0,00	0.00	0.00	0.0	
	Handling, Sampling and such other similar charges Total amount Charged (8+9+10)	(Rs.)	17675426.04 4737272357.04	0.00	0.00	0.0	
2)	TRANSPORATION	[Rs.]	4/3/2/235/.04	0.001	0.001	0.0	
	Transportation charges by rail/ship/road transport	[Rs.]	55,106,502.00	0.00	0,00	0.0	
16	Adjustment (+/-) in amount charged made by Railways/Transport	[na-j	33,100,302,00	0.00	0.00	1,0	
12	Company	(Rs.)	0.00	0.00	0.00	0.0	
	Demurrage Charges, if any	(Rs.)	0.00	0.00	0.00	0.0	
	Cost of diesel in transporting Coal through MCR system, if applicable	(Rs.)	0.00	0.00	0.00	0.0	
	Total Transportation Charges (12+13+14+15)	(Rs.)	55106502.00	0.00	0.00	0.0	
	Total amount Charged for Coal supplied including Transportation (11+16)	[Rs.]	4792376859.04	0.00	0,00	0.0	
)	TOTAL COST	_T		11		_	
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4732,78	0,000	0.000	0,000	
19	Blending Ratio (Domestic/Impurted)		100.00%	0.00%	0.00%	0.000%	
	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT		4732.7	8	- AMARIANS	
	Weighted average cost of Coal/ Lignite (Excluding Riomass)			4732.78			
1	QUALITY (Stage - I, II, III, & IV)	÷ ·			-		
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4148	ol	ol		
72	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4137	0	ē		
	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)	4107	-	- 0		
	GCV of Imported Coal supplied as per bill Coal Company	[kCal/Kg]		-			
	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)		4138			
				4138			
	Weighted average GCV of coal as billed (Excluding Biomass)	(lcCul/Kg)	3390	4100	0		
- 26	GCV of Domestic Coal of the opening stock as received at Station GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3595	. 0			
	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg) (kCal/Kg)	3593	9.	.0		
	CCV of Imported Coal supplied as received at Station	(kCal/Kg)					
- 24	De y de importer com rappine de cecerre de comme	(WCBI/WR)		2004			
29	Welster Assessment COL of cost () Louise as as sales of the de 21 cost (cost of	Charles Allert	3571				
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)		3571	2		

Rakesh Digitally signed by Rakesh Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N

Digitally signed by SANCHIT AGRAWAL Date:

2024.08.23

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Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-III

				Nov-2	3	
S. Na.	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass
		- 1	M1149100657	M1149180628	M1149100666	M1149102501W
4)	OPENING QUANTITY		The state of the s			
	Opening Quantity of Coal	(MT)	131872.27	0.00	0.00	0.00
1011	Value of Stock	(Rs.)	605946004.97	0.00	0.00	0.00
3)	QUANTITY					
	Quantity of Coal supplied by Coal Company	(MT)	1012267.07	0.00	0.00	0.00
	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0.00
	Coal supplied by Coal Company (3+4)	(MT)	1012267.07	0.00	0.00	0.00
	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	3514.48	0.00	0.00	0.00
	Net Coal Supplied (5-6)	(MT)	1008752.59	0.00	0.00	0.00
()	PRICE	-				
	Amount charged by the Coal Company	(Rs.)	4,719,596,931.00	0.00	0.00	0.00
	Adjustment [+/-] in amount charged made by Coal Company	(Rs.)	0.00	0.00	0.00	0.00
	Handling, Sampling and such other similar charges	(Rs.)	17675426.04	0.00	0.00	0.00
-	Total amount Charged [8+9+10]	[Rs.]	4737272357.04	0.00	0.00	0.00
0)	TRANSPORATION	1778.50		er erest	11272	72.23
12	Transportation charges by rail/ship/road transport	[Rs.]	55,106,502.00	0.00	0.00	0.00
	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0.00	0.00	0.00	0.00
14	Demurrage Charges, If any	(Rs.)	0.00	0.00	0.00	0.00
	Cost of diesel in transporting Coal through MCR system, if applicable	(Rs)	0,00	0.00	0.00	0.00
16	Total Transportation Charges (12+13+14+15)	(Rs.)	55106502.00	0.00	6.00	0.00
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	4792378859,04	0.00	0.00	0.00
E)	TOTAL COST		-	Vi de		
18	Landed cost of Coal [2+17]/(1+7)	Rs./MT	4732,779	0,000	0.000	0.000
19	Blending Ratio (Domestic/Imported)		100.00%	0.00%	0.00%	0.000%
20	Weighted average cost of Coal/ Lignite (Including Stomass)	Rs./MT		4732.7	8	
20a	Weighted average cost of Coal/ Lignite (Excluding Riomass)			4732.78		
F)	QUALITY (Stage * I, II, III, & IV)	_	51			
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4148	o!	0	0
	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4137	0	0	0
	GCV of Imported Coal of the opening stock as per bill Coal Company	[kCa!/Kg]				
	GCV of Imported Coal supplied as per bill Coal Company	[kCal/Kg)				
_	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)		4138	8.	
	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)		4138		
	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3390	01	0	
	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3595	0	0	
		(kCal/Kg)	3393	u u	:.00	
27	CCV of Imported Coal of opening stock as versioned at Station	(wood) (wg)		-		
27 28	GCV of Imported Coal of opening stock as received at Station GCV of Imported Coal supplied as received at Station	[kCal/Kg]				
27 28		[kCal/Kg] (kCal/Kg)		3571	1	

Kumar Date: 2024.05.24

Rakesh Digitally signed by Rakesh Kumar

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As per our report of even date For M/s Goyal Parul and Co. **Chartered Accountants**

FRN: 016750N

Digitally signed by SANCHIT AGRAWAL Date:

2024.08.23

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Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-III

				Dec-2	3	
S. Na.	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass
		- 1	M1149100657	M1149180620	M1149100666	M1149102501N
4)	OPENING QUANTITY		- Processor Controlled			
	Opening Quantity of Coal	(MT)	260336.86	0.00	0.00	0.00
	Value of Stock	(Rs.)	1232116303.66	0.00	0.00	0.00
	QUANTITY	200				
	Quantity of Coal supplied by Coal Company	(MT)	1025306.91	0.00	0.00	0.00
	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-693.18	0.00	0.00	0.00
	Coal supplied by Coal Company [3+4]	(MT)	1024613.73	0.00	0.00	0.00
	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	3445.77	0.00	0.00	0.00
	Net Coal Supplied (5-6)	(MT)	1021167.97	0.00	0.00	0.00
()	PRICE					
- 8	Amount charged by the Coal Company	(Rs.)	4,802,545.898.00	0.00	0.00	0.00
	Adjustment [+/-] in amount charged made by Coal Company	[Rs.]	0.00	0.00	0.00	0.00
	Handling, Sampling and such other similar charges	(Rs.)	34108140.64	0.00	0.00	0.00
-	Total amount Charged (8+9+10)	(Rs.)	4836654038.64	0.00	0.00	0.00
D)	TRANSPORATION	1 1/1/2/23	***************************************	PT - PT - PT - PT - PT - PT - PT - PT -	172727	7272
12	Transportation charges by rail/ship/road transport	[Rs.]	38,635,244.00	0.00	0.00	0.00
	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0.00	0.00	0.00	0.00
14	Demurrage Charges, If any	(Rs.)	0.00	0.00	0.00	0.00
15	Cost of diesel in transporting Coal through MCR system, if applicable	(Rs.)	0.00	0.00	0.00	0.00
16	Total Transportation Charges (12+13+14+15)	(Rs.)	38635244,00	0.00	0.00	0.00
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	4875289282,64	0.00	0.00	0.00
6)	TOTAL COST		-	Pr		
18	Landed cost of Cost (2+17)/(1+7)	Rs./MT	4765.808	0,000	0.000	0.000
	Blending Ratio (Domestic/Imported)		100.00%	0.00%	0.00%	0.000%
20	Weighted average cost of Coal/ Lignite (Including Stomass)	Rs./MT		4765.8	1	
20a	Weighted average cost of Goal/ Lignite (Excluding Riomass)			4765.81		
F) 1	QUALITY (Stage - I, II, III, & IV)	_	3			
	GCV of Domastic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4138	ol	0	(
	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4143	0	0	
	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCa!/Kg)	72.0	- 1	-	
	GCV of Imported Coal supplied as per bill Coal Company	[kCal/Kg]				
	Weighted average GCV of coal as hilled (Including Biomass)	(kCal/Kg)		4142	-	
	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)		4142		
	GCV of Domestic Coal of the opening stock as received at Station	The second secon	3571	9142	-0	
	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3635	0	0	
	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)	3035	0	.91	
	GCV of Imported Coal or opening stock as received at Station	(kCal/Kg) [kCal/Kg)	5	-		
27	Parameter Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Cons	-		(4)		
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)		3622		

Rakesh Digitally signed by Rakesh Kumar Date: 2024.05.24 16:12:02 +05'30'

As per our report of even date For M/s Goyal Parul and Co. **Chartered Accountants**

FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL**

Date: 2024.08.23

13:25:03 +05'30'

Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-1&II

Amme	of the Generating Station	RSTPS Stag	C-16(1)			
				Dec-23	Ĭ.	
S. No.	Month	Unit	Domestic Coal (Other Sources)	Domestic Coal (NTPC Mines)	Imported	Biomass
			W1149100657	M1149100630	M1149100666	M1149102501N
4)	OPENING QUANTITY	1				(2)(2)(2)(2)(2)(4)(4)(
	Opening Quantity of Coal	(MT)	260336.86	0.00	0.00	0.0
	Value of Stock	(Rs.)	1232116303.66	0.00	0.00	0.00
3)	QUANTITY					
3	Quantity of Coal supplied by Coal Company	(MT)	1025306.91	0.00	0.00	0.0
	Adjustment [+/-] in quantity supplied made by Coal Company	(MT)	-693.18	0.00	0.00	0.0
- 5	Coal supplied by Coal Company [3+4]	(MT)	1024613.73	0.00	0.00	0.0
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	3445,77	0.00	0.00	0.0
7	Net Coal Supplied (5-6)	(MT)	1021167.97	0.00	0.00	0.00
C)	PRICE			8		
8	Amount charged by the Coal Company	[Rs.]	4,802,545,898.00	0.00	0.00	0.00
9	Adjustment [+/-] in amount charged made by Coel Company	[Rs.]	0.00	0.00	0.00	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	34108140.64	0.00	0.00	0.00
- 11	Total amount Charged (8+9+10)	[Rs.]	4836654038.64	0.00	0.00	0.00
0)	TRANSPORATION	110000			0.1000.000	174.01%
12	Transportation charges by rail/ship/road transport	[Rs.]	38,635,244.00	0.00	0.00	0.00
	Adjustment (+/-) in amount charged made by Railways/Transport		1.0000000000000000000000000000000000000			
13	Company	(Rs.)	0.00	0.00	0.00	0.00
	Demurrage Charges, if any	(Rs.)	0.00	0.00	0.00	0.00
15	Cost of diesel in transporting Coal through MCR system, if applicable	(Rs.)	0.00	0.00	0.00	0.00
16	Total Transportation Charges (12+13+14+15)	(Rs.)	38635244,00	0.00	0.00	0.00
17	Total amount Charged for Coal supplied including Transportation [11+16]	[Rs.]	4875289282.64	0.00	0,00	0.00
E)	TOTAL COST	1	77			
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4765.81	0,000	0.000	0,000
19	Blending Ratio (Domestic/Imported)		100.00%	0.00%	0.00%	0.000%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT		4765.8	1	
20a	Weighted average cost of Coal/ Lignite (Excluding Riomass)			4765.81		
F)	QUALITY (Stage - I, II, III, & IV)	Ť	7		- 17	
	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4138	0	ol	- (
	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4143	0	e e	
	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			- T	
	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)		-		
	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)		4142		
				4142		
400	Weighted average GCV of coal as billed (Excluding Biomass)	(kCul/Kg)	(near)	4142		
-342	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3571	0	0	-
	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3635		.0	
27		(kCal/Kg)				
27 28	GCV of Imported Coal of opening stock as received at Station	Det allies				
27 28	GCV of Imported Coal of opening stock as received at Station CCV of Imported Coal supplied as received at Station	[kCal/Kg]				
27 28	CCV of Imported Coal supplied as received at Station	(kCal/Kg)		3622	2	

Rakesh by Rakesh Kumar Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. **Chartered Accountants** FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL** Date:

2024.08.23

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betans of courcewise fuel for computation of Lifergy offarges	10111-13 (6131011.0
Company	NTPC Limited
Name of the generating Station	Ramagundam Super Thermal Power-STAGE 01 AND 02
Month	January-2024

SL	Particulars	Unit	COAL-DOMESTIC
-	OPENING QUANTITY	Othe	COAL-DOMESTIC
A)		LATT.	241200.00
- 1	Opening Stock of coal	MT	341390.83
2	Value of Stock	Rs.	1627002764.18
B)	QUANTITY	1	4000070 4
3	[2] 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	MT	1039378.1
3.01	- Qty Received (Pit Head)	MT	873775.50
3,02	[[[[[[]]] [[[]] [[[]] [[]] [[]] [[] [[]	MT	165602.6
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	MT	1039378.17
5	Coal supplied by Coal/Lignite Company (3+4)	MT	
6	Normative fransit & Handling losses (for Coal /Lignite based projects)	MT	3072.37
6.01	# TO 1 1000 A 10 A 10 A 10 A 10 A 10 A 10 A	MT	1747.55
6.02	[2] [2] (하고) 요마이얼 [2] 하마리 (하면 내) 이 회사에서 [2] (2.20) [2]	MT	1324.82
7	Net Coal / Lignite supplied (5 - 6)	MT	1036305.80
c)	PRICE	Test Control of the C	F00000F004 04
8	HTG (SON) FREE HTG (STEEP TO THE FOR STORES AND SON HER STORES AND SON HER SO	Rs.	5032895084.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company	Rs.	0.00
10	Handling,Sampling and such other Similar charges	Rs.	22449858.04
11	Total Amount charged (8 +9+10)	Rs.	5055344942.04
D)	TRANSPORTATION	180	0.40004.00.00
12	[HET NITE 25 TO 18 17 17] 그는 마이트 18 20 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 2 2 2	Rs.	24969193.00
13		Rs.	0.00
14	10 17 17 17 17 17 17 17	Rs.	77941.00
15	[[[[[[[[]]]]]] [[[[[]]]] [[[[]]] [[[]] [[]] [[[]] [[]] [[]] [[[]] [[]]	Rs.	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)	Rs.	25047134.00
17	High particular to the control of th	+ 16) Rs.	5080392076.04
E)	TOTAL COST	D. Art	4000 20
18		Rs./MT	4868.56
19		%	100.00
20		Rs./MT	4868.56
20.10		Rs./MT	4868.56
F)	QUALITY		
21		kCal/Kg	
22	Market 1976 1976 1976 1976 1976 1976 1976 1976 1976 1976 1976 1976 1976 1976 1	kCal/Kg	1000000
23		kCal/Kg	
24	GCV of Imported coal supplied as per bill of coal company	kCal/Kg	
25	Weighted average GCV of Coal /Lignite as billed (Including biomass)	kCal/Kg	3710
25,10	Weighted average GCV of Coal /Lignite as billed (Excluding biomass)	kCal/Kg	3710
26	GCV of Domestic coal of the Opening stock as received at station	kCal/Kg	3623
27	GCV of Domestic coal/biomass supplied as received at station	kCal/Kg	3721
28	GCV of Imported coal of the Opening stock as received at station	kCal/Kg	
29	GCV of Imported coal supplied as received at station	kCal/Kg	
30	Weighted average GCV of coal/ Lignite as Received (Including biomass)	kCal/Kg	3697
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding biomass)	kCal/Kg	3697

Submitted On: 17.04.2024

Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL**

Date: 2024.08.23 13:26:30 +05'30'

Details of Sourcewise fuel for computation of Energy Charges

Form - 15 version: 0

	mpany	NTPC Limited		
	ne of the generating Station	Ramagundam Super Therma	I Power-STAGE 03	
Mo		January-2024		
SL	Particulars		Unit	COAL-DOMESTIC
A)	OPENING QUANTITY			
1	Opening Stock of coal		MT	341390.83
2	Value of Stock		Rs.	1627002764.18
B)	QUANTITY		toows.	
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company		MT	1039378.17
3.01	- Qty Received (Pit Head)		MT	873775.50
3,02	HT HT 2014 (1914 1915) 1 HE NEEL UNDER STEPLE STEPLE STEPLE STEPLE STEPLE STEPLE STEPLE STEPLE STEPLE STEPLE S		MT	165602.67
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Comp	pany	MT	0.00
5	Coal supplied by Coal/Lignite Company (3+4)		MT	1039378.17
6	Normative fransit & Handling losses (for Coal /Lignite based proje	ects)	MT	3072.37
6.01	- Normative Loss (Pit Head)		MT	1747.55
6.02	- Normative Loss (Non Pit Head)		MT	1324.82
7	Net Coal / Lignite supplied (5 - 6)		MT	1036305.80
C)	PRICE			
8	Amount charged by the Coal / Lignite Company		Rs.	5032895084.00
9	Adjustment (+ / -) in amount charged by coal / Lignite Company		Rs.	0.00
10	Handling,Sampling and such other Similar charges		Rs.	22449858.04
11	Total Amount charged (8 +9+10)		Rs.	5055344942.04
D)	TRANSPORTATION			
12	Transportation charges by Rall / Ship / Road Transport		Rs.	24969193.00
13	Adjustment (+/-) in amount charged by railways / transport compa	iny	Rs.	0.00
14	Demurrage charges, if any		Rs.	77941.00
15	Cost of diesel in transporting Coal through MGR system, if applica	able	Rs.	0.00
16	Total transportation charges (12+/- 13 - 14 + 15)		Rs.	25047134.00
17	#1, 12 To 1 TO 1 TO 1 TO 1 TO 1 TO 1 TO 1 TO 1	ortation (11 + 16)	Rs.	5080392076.04
E)	TOTAL COST	11-12-11-11-11-11-11-11-11-11-11-11-11-1	10000	Par in Carrower a more
	Landed Cost of Coal/Lignite (2+17) / (1+7)		Rs./MT	4868.56
19			%	100.00
20	[Rs./MT	4868.56
20.10			Rs./MT	
			ISS/M1	4868.56
F)	QUALITY	L productions and a	1000-1000	near
21	GCV of Domestic coal of the opening coal stock as per bill of coal	company	kCal/Kg	3589
22		CONTRACTOR OF THE CONTRACTOR O		3750
23		company	kCal/Kg	
24	GCV of Imported coal supplied as per bill of coal company	wardyn.	kCal/Kg	(
25	Weighted average GCV of Coal /Lignite as billed (Including bioma	201838	kCal/Kg	3710
25,10		353-5 5	kCal/Kg	3710
26	이 생물을 보내는 것이 되었다. 이 사람들은 사람들이 되었다면 하는 것이 되었다면 하는 것이 없는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하	15	kCal/Kg	3623
27	GCV of Domestic coal/biomass supplied as received at station		kCal/Kg	3721
28	GCV of Imported coal of the Opening stock as received at station		kCal/Kg	(
29	[[2] 되었었다면서 [1] 전경 전경 전경보다면 전쟁된 하나 보는데 한 경 경기 공사 바라이트를 받아가는 아니다 모든 모든 모든 모든 모든 모든 모든 모든 모든 모든 모든 모든 모든		kCal/Kg	
30	Weighted average GCV of coal/ Lignite as Received (Including bi	omass)	kCal/Kg	3697
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding b	iomass)	kCal/Kg	3697

Submitted On: 17.04.2024

Rakesh by Rakesh Kumar Date: 2024.05.24 16:13:23 +05'30'

As per our report of even date
For M/s Goyal Parul and Co.
Chartered Accountants
FRN: 016750N

Digitally signed by SANCHIT AGRAWAL

Date: 2024.08.23 13:27:11 +05'30'

Part 1

Details of Sourcewise fuel for computation of Energy Charges

Form - 15 version: 1

	mpany	NTPC Limited		
Nar	ne of the generating Station	Ramagundam Super Therma	I Power-STAGE 01 AND	02
Mo	nth	February-2024		
SL	Particulars		Unit	COAL-DOMESTIC
A)	OPENING QUANTITY			
1	Opening Stock of coal		MT	350654.63
2	Value of Stock		Rs.	1707182321.83
B)	QUANTITY			
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company		MT	1032251.25
3.01	- Qty Received (Pit Head)		MT	864447.69
3,02	- Qty Received (Non Pit Head)		MT	167803.56
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	<i>y</i>	MT	0.00
5	Coal supplied by Coal/Lignite Company (3+4)		MT	1032251.25
6	Normative transit & Handling losses (for Coal /Lignite based projects))	MT	3071,32
6.01	- Normative Loss (Pit Head)		MT	1728.90
6.02	- Normative Loss (Non Pit Head)		MT	1342.42
7	Net Coal / Lignite supplied (5 - 6)		MT	1029179.93
C)	PRICE			
8	Amount charged by the Coal / Lignite Company		Rs.	5561371483.55
9	Adjustment (+ / -) in amount charged by coal / Lignite Company		Rs.	0.00
10	Handling, Sampling and such other Similar charges		Rs.	25256275.12
11	[[- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		Rs.	5586627758.67
D)	TRANSPORTATION		100000	
	Transportation charges by Rall / Ship / Road Transport		Rs.	44487212,60
	Adjustment (+/-) in amount charged by railways / transport company		Rs.	0.00
14	Demurrage charges, if any		Rs.	449655.00
15	[2] 보통하는 학생님은 사일 일이 내용을 받아 하셨다면 하나 있는데 되었다. 아버지만 프로스 아름다면 그 때문에 다른 아름다면		Rs.	0.00
16	[[보기 10] [[[전 : [[전 : [[]]]]] [[[[[[[[[[[[[[Rs.	44037557.60
17	######################################	ion (11 + 16)	Rs.	5630665316.27
E)	TOTAL COST	tottoreller i folka koloriek e	1.550	
	Landed Cost of Coal/Lignite (2+17) / (1+7)		Rs./MT	5317.92
19			%	100.00
20	Weighted average cost of Coal /Lignite (Including biomass)		Rs./MT	5317.92
20.10	Weighted average cost of Coal /Lignite (Excluding blomass)		Rs./MT	
	QUALITY		NS./WII	5317.92
F)	H2017 (CT) (V)	LILLES FOR S	LC-UK-	974/
21	GCV of Domestic coal of the opening coal stock as per bill of coal coal	mpany	kCal/Kg	3710
22	######################################	enorgeura s	kCal/Kg	3707
23	GCV of Imported coal of the opening coal stock as per bill of coal con	npany	kCal/Kg	
24	GCV of Imported coal supplied as per bill of coal company		kCal/Kg	
25	Weighted average GCV of Coal /Lignite as billed (Including biomass)		kCal/Kg	3708
25,10)	kCal/Kg	3708
26	에 있는 것이 있다. 전환 경험 경험 가능하다 이 집에서 되어 되었다. 전 경이 있다는 것이 있는 것이 있다. 이 경험 경험 (18 1) 다른 것이 없다면 하는 것으로 보다 다른 것이다.		kCal/Kg	3697
27	GCV of Domestic coal/biomass supplied as received at station		kCal/Kg	3707
28	이 집에 있다면서 하는 사람들이 이 경우가 되었습니다. 그 사람들은 사람들이 하는 사람들이 가장 하나 가장 하는 것이 하는데 하나 나를 하는데 되었다.		kCal/Kg	C
29	[2] [4] [2] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4		kCal/Kg	
30			kCal/Kg	3704
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding biom	ass)	kCal/Kg	3704

Kumar Date: 2024.05.24

Rakesh Digitally signed by Rakesh

16:13:45 +05'30'

As per our report of even date For M/s Goyal Parul and Co. **Chartered Accountants**

FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL**

Date: 2024.08.23 13:28:08 +05'30'

Part 1

Details of Sourcewise fuel for computation of Energy Charges

Form - 15 version: 1

	mpany	NTPC Limited		
Nar	ne of the generating Station	Ramagundam Super Therma	I Power-STAGE 03	
Mo	nth	February-2024		
SL	Particulars	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Unit	COAL-DOMESTIC
A)	OPENING QUANTITY			
1	Opening Stock of coal		MT	350654.63
2	Value of Stock		Rs.	1707182321.83
B)	QUANTITY			
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company		MT	1032251.25
3.01	- Qty Received (Pit Head)		MT	864447.69
3,02	- Qty Received (Non Pit Head)		MT	167803.56
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company		MT	0.00
5	Coal supplied by Coal/Lignite Company (3+4)		MT	1032251.25
6	Normative fransit & Handling losses (for Coal /Lignite based projects)		MT	3071,32
6.01	- Normative Loss (Pit Head)		MT	1728.90
6.02	- Normative Loss (Non Pit Head)		MT	1342.42
7	Net Coal / Lignite supplied (5 - 6)		MT	1029179.93
C)	PRICE			
	Amount charged by the Coal / Lignite Company		Rs.	5561371483.55
9	Adjustment (+ / -) in amount charged by coal / Lignite Company		Rs.	0.00
10	Handling,Sampling and such other Similar charges		Rs.	25256275.12
11	[[[[]] [] [] [] [] [] [] []		Rs.	5586627758.67
D)	TRANSPORTATION		Don't SA	
11.70	Transportation charges by Rall / Ship / Road Transport		Rs.	44487212,60
	Adjustment (+/-) in amount charged by railways / transport company		Rs.	0.00
14	Demurrage charges, if any		Rs.	449655.00
15	[2] 보안하는 마양성 [2] 하면 내용 [4] 하는 아이를 하는 아이들 때문에 되었다. 그는 아이들은 아이들은 아이들은 아이들은 아이들은 아이들은 아이들은 아이들은		Rs.	0.00
16	[12] [13] [14] [15] [15] [15] [15] [15] [15] [15] [15		Rs.	44037557.60
17	[2] [2] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4	on (11 + 16)	Rs.	5630665316.27
E)	TOTAL COST	Service Costs (Sec.)	1,000	TO SEE THE SECOND
	Landed Cost of Coal/Lignite (2+17) / (1+7)		Rs./MT	5317.92
19			%	100.00
20	Weighted average cost of Coal /Lignite (Including biomass)		Rs./MT	5317.92
20.10	Weighted average cost of Coal /Lignite (Excluding blomass)		Rs./MT	5317.92
F)	QUALITY	sudana.	X-90-1107-	0774
21	GCV of Domestic coal of the opening coal stock as per bill of coal con	npany	kCal/Kg	3710
22	12 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	CANALUZI II	kCal/Kg	3707
23	GCV of Imported coal of the opening coal stock as per bill of coal com	pany	kCal/Kg	
24	GCV of Imported coal supplied as per bill of coal company		kCal/Kg	
25	Weighted average GCV of Coal /Lignite as billed (Including biomass)		kCal/Kg	3708
25,10	[20] (1.) [4] [20] [20] [20] [20] [20] [20] [20] [20		kCal/Kg	3708
26	이 생각하다 하는 것이 없는 것이 되었습니다. 이 집에서 나를 하는 것이 되었습니다. 그 사람들은 그 사람들은 사람들은 사람들은 것이 되었습니다.		kCal/Kg	3697
27	GCV of Domestic coal/biomass supplied as received at station		kCal/Kg	3707
28	이 집에 가게 있다면 하는 것이 많은 경기에 가는 경기에 되었다. 그리고 있는 것이 없는 것이 없는 것이 맛있다면 하는 것이 맛있다면 하는 것이 없다면 하는 것이 되었다면 하는 것이다.		kCal/Kg	C
29	[2] [4] [2] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4		kCal/Kg	
30	Weighted average GCV of coal/ Lignite as Received (Including bioma	ss)	kCal/Kg	3704
30.10	Weighted average GCV of coal/ Lignite as Received (Excluding bioma	955)	kCal/Kg	3704

Rakesh Kumar Digitally signed by Rakesh Kumar Date: 2024.05.24 16:14:07 +05'30'

As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N Digitally signed by SANCHIT AGRAWAL Date: 2024.08.23

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NTPC Limited RSTPS Stage-I&II

S. No.	Month	Unit	Oct-23	
3. NO.	Month	Unit	HFO	HSD
			M1149201055	M1149200858N
A)	OPENING QUANTITY			
1	Opening Stock of Oil	(KL)	5586.30	243.09
2	Value of Opening Stock	(Rs.)	346163358.72	24942866.20
в)	QUANTITY			
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	80.0
	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.0
	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	80.0
	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.0
	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	80.08
r)	Anvice			
C)	PRICE	10,000	1 200	100000410000000
-	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	8042102.0
	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.0
	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.0
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	8042102.0
D)	TRANSPORATION			
	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.0
	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.0
	Demurrage charges , if any	(Rs.)	0.00	0.0
	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00
	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.0
47	Table 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	(0.)	0.00	9042493.0
	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00	8042102.00
	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	61966.493	102093.430
	Blending Ratio Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	1.00	0.0
20	yveighteb Average Cost of Secondary Fuely For the month	N3-/NL	019	00.49
E)	QUALITY			
21	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of Secondary Fuel Company,	(kcal/L)	NA	NA
22	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA NA	NA
22	COV-flowers of Councils. End of the accolor with a contribution of the Councils.	Bont 61		
	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company, GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)		
4.70		(kcal/L)	415	415
	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA .	NA .
	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	0
	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	0
	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		
	GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)		D. S. C.
30	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	90	066

Rakesh Kumar

Digitally signed by Rakesh Kumar Date: 2024.05.24

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As per our report of even date For M/s Goyal Parul and Co. **Chartered Accountants**

FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL**

Date: 2024.08.23 13:30:11 +05'30'

Name of the Petitioner: Name of the Generating Station

			116/14	Oct-23
S. N	10.	Month	Unit	HFO
			10	M1149201055
A)		OPENING QUANTITY		
	1	Opening Stock of Oil	(KL)	5586.30
	2	Value of Opening Stock	(Rs.)	346163358.72
B)		QUANTITY		
			V234.904	92900
	_	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00
	_	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00
	_	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00
_	_	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00
	7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00
C)		PRICE		95
	8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00
	_	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00
	10	Handling, Sampling & Such other similar charges	(Rs.)	0.00
	11	Total Amount Charged (8+9+10)	(Rs.)	0.00
D)		TRANSPORATION		
	12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00
	_	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00
		Demurrage charges, if any	(Rs.)	0.00
	_	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00
	_	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00
	17	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00
	_	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	61966.49
	_	Blending Ratio	Tray III	1.00
		Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	61966.49
			****	N.
E)		QUALITY		PIL.
		GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of		NA
	21	Secondary Fuel Company,	(kcal/L)	2000
	22	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA
	23	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company,	(kcal/L)	
	24	GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)	
	25	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA
	_	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0
	27	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0
	_	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)	
	_	GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)	
	_	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9800

NTPC Limited RSTPS Stage-I&II

S. No.	Month	Unit	No	v-23
3. 140.	Wolfar	Onit	HFO	HSD
			M1149201055	M1149200858N
A)	OPENING QUANTITY			
	Opening Stock of Oil	(KL)	5414.60	323.09
2	Value of Opening Stock	(Rs.)	335523773.81	32984968.20
в)	QUANTITY			
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	86.00
	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.0
	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	86.0
	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.0
	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	86.00
C)	PRICE			
14	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	6756754.72
	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00
	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00
	Total Amount Charged (8+9+10)	(Rs.)	0.00	6756754.77
- 11	Total Amount Charges (0737-10)	(150.)	0.00	0/30/34.//
D)	TRANSPORATION			
	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00
	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00
	Demurrage charges , if any	(Rs.)	0.00	0.00
	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.0
17	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00	6756754.7
	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	61966.493	97147.57
19	Blending Ratio		0.91	0.0
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	650	99.14
E)	QUALITY			
	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of		2007	32920
21	Secondary Fuel Company,	(kcal/L)	NA	NA
22	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA NA	NA
23	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company,	(kcal/L)		
	GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)		
4.7	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA NA	NA
	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	0
	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	0
	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		
	GCV of Imported Secondary Fuel of Supplied as received at Station	(kcal/L)		
	Weighted average GCV of Secondary Fuel / as Received	(kcal/L)		739

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by Rakesh Kumar Date: 2024.05.24

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As per our report of even date For IM/s Goyal Parul and Co. **Chartered Accountants** FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL**

Date: 2024.08.23

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Name of the Petitioner: Name of the Generating Station

	le l	88	11646	Nov-23
S. N	10.	Month	Unit	HFO
				M1149201055
A)		OPENING QUANTITY		
	1	Opening Stock of Oil	(KL)	5414.60
	2	Value of Opening Stock	(Rs.)	335523773.81
		The state of the s		1002172 31271113
B)		QUANTITY		
		AND THE RESERVE OF THE STATE OF	voscas	03000
	_	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00
	_	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00
	_	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00
	_	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00
	7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00
C)		PRICE	14	·-
	8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00
	_	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00
	_	Handling, Sampling & Such other similar charges	(Rs.)	0.00
		Total Amount Charged (8+9+10)	(Rs.)	0.00
				10
D)	373.7	TRANSPORATION	ALCO O	*******
	_	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00
		Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00
	_	Demurrage charges , if any	(Rs.)	0.00
	_	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00
	16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00
	17	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00
	_	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	61966.49
	_	Blending Ratio		1.00
		Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	61966.49
E)		QUALITY		••
E)	-	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of		11
	21	Secondary Fuel Company,	(kcal/L)	NA
_	21	Secondary rues company,	(KCdI/L)	
	22	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA
	23	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company,	(kcal/L)	
		GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)	
	25	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA
	_	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0
	_	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0
	_	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)	
	_	GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)	
_	_	Weighted average GCV of Secondary Fuel / as Received	(kcal/L)	9800

NTPC Limited RSTPS Stage-I&II

S. No.	Month	Unit	Dec-23	
5. NO.	Worth	Unit	HFO	HSD
			M1149201055	M1149200858N
4)	OPENING QUANTITY			
1	Opening Stock of Oil	(KL)	4679,30	339.9
2	Value of Opening Stock	(Rs.)	289959811.40	33027173.9
3)	QUANTITY			
9)	QUANTIT		1	
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.0
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.0
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.0
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.0
	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.0
C)	PRICE			
1.0	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0,0
	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.0
	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.0
	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.0
	**************************************		34	
0)	TRANSPORATION	10.73		
	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.0
	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.0
	Demurrage charges , if any	(Rs.)	0.00	0.0
	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.0
17	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00	0.0
	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	61966.493	97147.57
	Blending Ratio		1.00	0.0
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	619	56.49
E)	QUALITY			
1	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of			
21	Secondary Fuel Company,	(kcal/L)	NA	NA
200			5	74-4583
22	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA NA	NA
23	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company,	(kcal/L)		
	GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)		
	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA NA	NA
	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	0
	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	0
	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		
	GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)		
	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	98	300

Rakesh Kumar Digitally signed by Rakesh Kumar Date: 2024.05.24

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As per our report of even date
For M/s Goyal Parul and Co.
Chartered Accountants
FRN: 016750N

Digitally signed by SANCHIT AGRAWAL

Date: 2024.08.23

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Name of the Petitioner: Name of the Generating Station

			11674	Dec-23	
S. No.		Month	Unit	HFO	
		M		M1149201055	
A)	T	OPENING QUANTITY			
	1	Opening Stock of Oil	(KL)	4679.30	
	2	Value of Opening Stock	(Rs.)	289959811.40	
B)	- 19	QUANTITY	-		
	-		7007	0.00	
_	_	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	
-	_	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	
	_	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	
	_	Normative transit & Handling losses (for Secondary Fuel / based projects) Net Secondary Fuel / supplied (5-6)	(KL)	0.00	
	/	Net Secondary Fuer/ Supplied (S-6)	(KL)	0.00	
C)	I	PRICE	11	14T	
	8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	
	9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	
	10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	
	11	Total Amount Charged (8+9+10)	(Rs.)	0.00	
D)	T	TRANSPORATION			
	12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	
	13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	
	14	Demurrage charges , if any	(Rs.)	0.00	
	15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	
	16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	
	17	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00	
	_	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	61966,49	
	-	Blending Ratio	1574.05	1.00	
	-	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	61966.49	
E)	L	QUALITY			
-,		GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of		11	
		Secondary Fuel Company,	(kcal/L)	NA	
	22	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA	
		dev or bornesse occordany raci supplied as per om or secondary raci company	(nody c)	1,7/3	
	23	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company,	(kcal/L)		
		GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)		
	25	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA	
	_	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	
	_	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	
	_	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		
	_	GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)		
_	-	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9800	

NTPC Limited RSTPS Stage-I&II

S. No.	Month	Unit	Jar	1-24
3. 140.	Moltal	Ottic	HFO	HSD
	PORTAGE		M1149201055	M1149200858N
A)	OPENING QUANTITY			
	Opening Stock of Oil	(KL)	4308.37	339.9
. 2	Value of Opening Stock	(Rs.)	266974270.26	33027173.9
в)	QUANTITY			
2	Quantity of Secondary Fuel / supplied by Secondary Fuel / Company	(KL)	0.00	0.00
	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.0
	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.0
	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00
	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.0
C)	PRICE			
144	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00
	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.0
	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.0
			7,5254	
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.0
D)	TRANSPORATION			
	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.0
	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.0
	Demurrage charges , if any	(Rs.)	0.00	0.0
	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.0
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.0
17	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00	0.0
	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	61966.493	97147.57
	Blending Ratio		0.99	0.0
	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL		39.91
E)	QUALITY			
	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of		1000	0.84211
21	Secondary Fuel Company,	(kcal/L)	NA NA	NA
22	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA	NA
22	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company,	(kcal/L)		
	GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)		
4.00	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA NA	NA
	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	0
	GCV of Domestic Secondary Fuel of the opening stock as received at Station		0	0
	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		Ů.
	GCV of Imported Secondary Fuel of opening stock as received at Station GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)		
	exercises and Construction of the Construction	(kcal/L)		170
50	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	98	378

Rakesh Digitally signed by Rakesh Kumar Date: 2024.05.24 16:19:27 +05'30'

As per our report of even date For M/s Goyal Parul and Co. **Chartered Accountants**

FRN: 016750N

Digitally signed by SANCHIT AGRAWAL Date: 2024.08.23

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Name of the Petitioner: Name of the Generating Station NTPC Limited RSTPS Stage-III

5. N		Month		Jan-24
S. No.		Month		HFO
			- "	M1149201055
A)		OPENING QUANTITY		
	1	Opening Stock of Oil	(KL)	4308.37
	2	Value of Opening Stock	(Rs.)	266974270.26
	_			
B)		QUANTITY		
	0.50	C - 47 - 45 45 - 5 - 1/4 45 - 4 - 5 - 1/5	700	0.00
	_	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00
	_	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00
	_	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00
_	_	Normative transit & Handling losses (for Secondary Fuel / based projects) Net Secondary Fuel / supplied (5-6)	(KL)	0.00
	/	Net Secondary Fuel / Supplied (5-6)	(KL)	0.00
C)		PRICE	14,	
	8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00
	9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00
	10	Handling, Sampling & Such other similar charges	(Rs.)	0.00
	11	Total Amount Charged (8+9+10)	(Rs.)	0.00
D)		TRANSPORATION		
	12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00
_	_	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00
		Demurrage charges, if any	(Rs.)	0.00
	15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00
	16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00
	17	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00
	_	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	61966.49
	-	Blending Ratio	1.44.04	1.00
_	-	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	61966.49
E)		OHALITY		
E)	-	QUALITY GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of		1
	21	Secondary Fuel Company,	(kcal/L)	NA
	2		V-3-57.57	
	22	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA
	22	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company,	(kest/L)	
-		GCV of Imported Secondary Fuel Supplied as per bill Secondary Fuel Company	(kcal/L) (kcal/L)	
_		Weighted average GCV of Secondary Fuel/ as Billed	The state of the s	NA
	_	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	NA 0
_	_	GCV of Domestic Secondary Fuel of the opening stock as received at Station GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	
	-		(kcal/L)	0
	_	GCV of Imported Secondary Fuel of opening stock as received at Station GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)	
	_	Weighted average GCV of Secondary Fuel / as Received	(kcal/L) (kcal/L)	9800

for Washington and Co.

Charge of Same storm

NTPC Limited RSTPS Stage-I&II

S. No.	Month	Unit	Feb-24	
	World	Unit	HFO	HSD
			M1149201055	M1149200858N
A)	OPENING QUANTITY			
	Opening Stock of Oil	(KL)	3850.80	335.57
	Value of Opening Stock	(Rs.)	238620261.99	32599336.00
8)	QUANTITY			
		Haos IV	7724W L W - U 64	10000100
	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	2937.26	183.00
	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00
	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	2937.26	183.00
	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00
	Net Secondary Fuel / supplied (5-6)	(KL)	2937.26	183.00
C)	PRICE			
	Amount Charged by the Secondary Fuel/ Company	(Rs.)	167002326.00	21114612.89
	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00
	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00
	Total Amount Charged (8+9+10)	(Rs.)	167002326.00	21114612.89
	**************************************		52	
D)	TRANSPORATION			
	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00
	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00
	Demurrage charges , if any	(Rs.)	0.00	0.00
	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00
1	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	167002326.00	21114612.89
	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	59755.348	103581.882
	Blending Ratio		0.73	0.27
	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL		35.10
E1	QUALITY			
E)	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of			
2:	Secondary Fuel Company,	(kcal/L)	NA	NA
2	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA NA	NA
	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company,	(kcal/L)		
24	GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)		
2	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA	NA
26	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	0
2	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	0
28	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		
25	GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)	Į.	
	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9	509

Rakesh Digitally signed by Rakesh Kumar Kumar Date: 2024.05.24 16:20:24 +05'30'

Date: 2024.05.24

As per our report of even date For M/s Goyal Parul and Co. **Chartered Accountants** FRN: 016750N

Digitally signed by SANCHIT **AGRAWAL**

Date: 2024.08.23 13:36:56 +05'30'

Name of the Petitioner: Name of the Generating Station

C 81		B.CAlb	11646	Feb-24
S. No	J.	Month	Unit	HFO
				M1149201055
A)		DPENING QUANTITY		
	10	Opening Stock of Oil	(KL)	3850.80
	2 \	Value of Opening Stock	(Rs.)	238620261.99
B)	(QUANTITY	-	-
			122224	2027.25
	_	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	2937.26
	_	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00
	_	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	2937.26
_	_	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00
	711	Net Secondary Fuel / supplied (5-6)	(KL)	2937.26
C)	F	PRICE	114	·
	8 /	Amount Charged by the Secondary Fuel/ Company	(Rs.)	167002326.00
	9/	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00
	10 1	Handling, Sampling & Such other similar charges	(Rs.)	0.00
	11 7	Fotal Amount Charged (8+9+10)	(Rs.)	167002326.00
D)	I	TRANSPORATION		
	-	Fransportation charges by Rail/Ship/Road Transport	(Rs.)	0.00
	_	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00
	-	Demurrage charges , if any	(Rs.)	0.00
	_	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00
	16 7	Fotal Transportation Charges (12-13+14+15)	(Rs.)	0.00
	17 7	Fotal amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	167002326.00
		anded cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	59755.35
	-	Blending Ratio	Traily INC	1.00
	_	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	59755.35
				M1
E)		QUALITY		pile.
		GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of		NA
	21 5	Secondary Fuel Company,	(kcal/L)	3370
:	22 0	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA
	\top			
	23 (GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company,	(kcal/L)	
	24 0	GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)	
	25 \	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA
_	-	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0
_	_	GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0
_	_	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)	
	_	GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)	
	_	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9868

NTPC Limited RSTPS Stage-I&II

S. No.	Month	Unit	Mar-24	
3. NO.	Month	Unit	HFO	HSD
			M1149201055	M1149200858N
A)	OPENING QUANTITY			
1	Opening Stock of Oil	(KL)	6611.28	453,59
2	Value of Opening Stock	(Rs.)	395059157.10	46983198.2
8)	QUANTITY			
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	314.0
	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.0
	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	314.0
	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.0
	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	314.0
	S. C.	11010110	10.000	113012
1.0	PRICE	162013	1	1500000000000
-	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	28618483.1
	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.0
	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.0
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	28618483.1
D)	TRANSPORATION			
	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.0
	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.0
	Demurrage charges , if any	(Rs.)	0.00	0.0
	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.0
	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.0
72		WESV	1924	F100000 00000000
	Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00	28618483.1
	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	59755.348	98492.89
	Blending Ratio	-	0.57	0.4
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	765	55.46
E)	QUALITY			
	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of		2007	32220
21	Secondary Fuel Company,	(kcal/L)	NA NA	NA
22	GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA NA	NA
- 64	ouv or bornestic Secondary Fuer supplied as per our or secondary Fuer company,	(KCBI/L)	INA	IVA
23	GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company,	(kcal/L)		
	GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)		
45.00	Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA NA	NA
	GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	0
	GCV of Domestic Secondary Fuel or the opening stock as received at Station	(kcal/L)	0	0
	GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		<u> </u>
	GCV of Imported Secondary Fuel of opening stock as received at Station			
		(kcal/L)		174
50	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	94	171

Rakesh Kumar/ Digitally signed by Rakesh Kumar Date: 2024.05.24

16:21:23 +05'30'

As per our report of even date For M/s Goyal Parul and Co. Chartered Accountants FRN: 016750N Digitally signed by SANCHIT AGRAWAL Date: 2024.08.23

13:53:04 +05'30'

Name of the Petitioner: Name of the Generating Station

C 11	NA-MAL.	Unit	Mar-24	
S. N	Month		HFO	
	14.7		M1149201055	
A)	OPENING QUANTITY			
	1 Opening Stock of Oil	(KL)	6611.28	
	2 Value of Opening Stock	(Rs.)	395059157.10	
		-		
B)	QUANTITY	-	Г	
	3 Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	
-	4 Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	
	5 Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	
_	6 Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	
	7 Net Secondary Fuel / supplied (5-6)	(KL)	0.00	
		1	2.75	
C)	PRICE		in C	
	8 Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	
	9 Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	
	10 Handling, Sampling & Such other similar charges	(Rs.)	0.00	
	11 Total Amount Charged (8+9+10)	(Rs.)	0.00	
D)	TRANSPORATION			
	12 Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	
	13 Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	
	14 Demurrage charges , if any	(Rs.)	0.00	
	15 Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	
_	16 Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	
		10-1		
	17 Total amount charged for Secondary Fuel/ supplied including transportation (11+16)	(Rs.)	0.00	
_	18 Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	59755.35	
	19 Blending Ratio 20 Weighted Average Cost of Secondary Fuel/ For the month	Do /VI	1.00	
	weighted Average Cost of Secondary rulely For the month	Rs./KL	59755.35	
E)	QUALITY			
	GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of			
	21 Secondary Fuel Company,	(kcal/L)	NA	
	SOL ED TO STATE OF THE STATE OF	010.5		
	22 GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company,	(kcal/L)	NA	
	23 GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Compar	y, (kcal/L)		
	24 GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company	(kcal/L)	-	
_	25 Weighted average GCV of Secondary Fuel/ as Billed	(kcal/L)	NA	
	26 GCV of Domestic Secondary Fuel of the opening stock as received at Station	(kcal/L)	0	
_	27 GCV of Domestic Secondary Fuel supplied as received at Station	(kcal/L)	0	
_	28 GCV of Imported Secondary Fuel of opening stock as received at Station	(kcal/L)		
-	29 GCV of Imported Secondary Fuel of supplied as received at Station	(kcal/L)		
	30 Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9868	

Part 1

Details of Sourcewise fuel for computation of Energy Charges Form - 15 version: 2

Company		NTPC Limited	NTPC Limited		
Nar	me of the generating Station	Ramagundam Super Th	gundam Super Thermal Power-STAGE 01 AND 02		
Mo	nth	March-2024			
SL	Particulars		Unit	COAL-DOMESTIC	
A)	OPENING QUANTITY				
1	Opening Stock of coal		MT	517379.56	
2	Value of Stock		Rs.	2751382669.41	
B)	QUANTITY				
3	Quantity of Coal /Lignite supplied by Coal / Lignite Compan	у	MT	1017110.02	
3.01	- Qty Received (Pit Head)		MT	911314.20	
3.02	- Qty Received (Non Pit Head)		MT	105795.82	
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite	Company	MT	661,77	
5	Coal supplied by Coal/Lignite Company (3+4)	8/8/	MT	1016448.25	
6	내려가 그 아이들에게 다 이 아이들이 아이들이 아이들이 그리고 있다면 그리고 있다.	f projects)	MT	2667.67	
6.01	1 (77 H) 10 (10 H) 1 (10 H) 10 (10 H) 10 (10 H)	7 S S	MT	1821.30	
6.02	- Normative Loss (Non Pit Head)		MT	846.37	
7	#FORE FORE AND AND THE TOTAL TO THE POST OF THE POST O		MT	1013780.58	
C)	PRICE				
8	Amount charged by the Coal / Lignite Company		Rs.	5502969442.45	
9	# H H H H H H H H H H	env	Rs.	0.00	
10			Rs.	98788569.18	
11			Rs.	5601758011.63	
D)	TRANSPORTATION		1,		
12	NOTE TO A SECURITION OF THE SECURITIES OF THE SECURITION OF THE SE		Rs.	13921158.40	
13	4 3 3 3 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	company	Rs.	0.00	
14	[설계 - 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		Rs.	276516.00	
15	HTM: HM 등사용 - B.H. (독일 - 15 - 15 - 15 - 15 - 15 - 15 - 15 - 1	applicable	Rs.	15367260.69	
16	#H		Rs.	29011903.09	
17	# (프로마이트	ansportation (11 + 15)	Rs.	5630769914.72	
E)	TOTAL COST	scraportonom (11 10)	3.550		
	Landed Cost of Coal/Lignite (2+17) / (1+7)		Rs/MT	5474.38	
19	[42]		%	100.00	
20	H	KI.	Rs/MT		
	[[[[]] [[구입] [] [] [] [] [] [] [] [] []		0000000	5474.38	
20.10	() [전통][[[[교고 [교교가의 특성] 교육이 [[20] [[[교고 [[교고 [교교 [교교 [교교 [교교 [교교	9	Rs./MT	5474.38	
F)	QUALITY	**************************************	5.00		
21	에 보통하는 데이탈 한 경기를 가지 않는 사람들은 아이를 받았다면 보다 있다. 네트 등록 하고 제작성을 가는 이번 등록 하지 않는 다른 사람들이 되었다.	or coal company	kCal/Kg	4203	
22		→ 01001 → 010 0000000000000000000000000000000000	kCal/Kg	4219	
23	HERE IN THE SERVER SEARCH SHOW TO SERVER SHOW THE SERVER SHOW THE SERVER SHOWS A SERVER SHOW THE SERVER SHOWS I	t coal company	kCal/Kg	(
24	나 가장이 많아 아니다 아내가 생각 수 있다면 사람들은 그리고 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데	i Base conservation	kCal/Kg	(
25			kCal/Kg	4214	
25,10	Weighted average GCV of Coal /Lignite as billed (Excluding	The second secon	kCal/Kg	4214	
26	에 보통하다는 사용 사용 사용 회에 되었다면 하는데 보면 없었다. 이렇게 되었다면 하는데 하는데 하는데 하는데 하는데 하는데 보면 없었다.		kCal/Kg	3704	
27			kCal/Kg	3538	
28	에 보면 하면 없는 사람이 되었다면 하면 아니라 다른 아이를 하는 것이 되었다. 이 사람들은 이 살 때 하는 사람들은 사람들이 되었다.	tation	kCal/Kg	(
29	[HT]보다 하나 사용하다 (Selfer Felfer) 이 마닷데 없었다. 하는 보다 하는데 (Fig. Felfer) 하는데 하나 사용하는데 하는데 하는데 하는데 나를 하는데 하는데 다른데 하는데 다른데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는		kCal/Kg	(
30	Weighted average GCV of coal/ Lignite as Received (Include	ling biomass)	kCal/Kg	3594	
30.10	Weighted average GCV of coal/ Lignite as Received (Exclu	ding biomass)	kÇal/Kg	3594	

Submitted On :27.05.2024

h Digitally signed by Rakesh Kumar Date: 2024.08.19

Kumar 15:50:37 +05'30'

As per our report of even date
For M/s Goyal Parul and Co.
Chartered Accountants
FRN: 016750N

Digitally signed by SANCHIT AGRAWAL

Date: 2024.08.23 12:54:33 +05'30'

Part 1

Form - 15 version: 2

Company		NTPC Limited		
Naz	me of the generating Station	Ramagundam Super Thermal Pov	Ramagundam Super Thermal Power-STAGE 03	
Mo	nth	March-2024		
SL	Particulars		Unit	COAL-DOMESTIC
A)	OPENING QUANTITY			
1	Opening Stock of coal		MT	517379.56
2	Value of Stock		Rs.	2751382669.41
B)	QUANTITY			
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company		MT	1017110.02
3.01	- Qty Received (Pit Head)		MT	911314.20
3.02	- Qty Received (Non Pit Head)		MT	105795.82
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Compar	ny .	MT	661.77
5	Coal supplied by Coal/Lignite Company (3+4)		MT	1016448.25
6	Normative transit & Handling losses (for Coal /Lignite based projects	s)	MT	2667.67
6.01	- Normative Loss (Pit Head)		MT	1821.30
6.02	- Normative Loss (Non Pit Head)		MT	846.37
7	Net Coal / Lignite supplied (5 - 6)		MT	1013780.58
C)	PRICE			
8	Amount charged by the Coal / Lignite Company		Rs.	5502969442,4
9	Adjustment (+ / -) in amount charged by coal / Lignite Company		Rs.	0.00
10	Handling, Sampling and such other Similar charges		Rs.	98788569.18
11	Total Amount charged (8 +9+10)		Rs.	5601758011.63
D)	TRANSPORTATION			
12	Transportation charges by Rail / Ship / Road Transport		Rs.	13921158.40
13	Adjustment (+/-) in amount charged by railways / transport company	5.5	Rs.	0.00
14	Demurrage charges, if any		Rs.	276516.00
15	Cost of diesel in transporting Coal through MGR system, if applicable	le	Rs.	15367260.69
16	Total transportation charges (12+/- 13 - 14 + 15)		Rs.	29011903.09
17	Total amount charged for Coal / Lignite supplied including transports	ation (11 + 16)	Rs.	5630769914.72
E)	TOTAL COST			
18	Landed Cost of Coal/Lignite (2+17) / (1+7)		Rs./MT	5474.38
19	Blending Ratio (Domestic/Imported)		%	100.00
20	Weighted average cost of Coal /Lignite (Including biomass)		Rs/MT	5474.38
20.10	Weighted average cost of Coal /Lignite (Excluding biomass)		Rs./MT	5474.38
F)	QUALITY		0.44402916001	15.37.2570
21	GCV of Domestic coal of the opening coal stock as per bill of coal or	ompany	kCal/Kg	4203
22	GCV of Domestic coal supplied as per bill of coal company	vodesmes	kCal/Kg	4219
23	GCV of Imported coal of the opening coal stock as per bill of coal co	mpany	kCal/Kg	(
24	GCV of Imported coal supplied as per bill of coal company	courres of N	kCal/Kg	(
25	Weighted average GCV of Coal /Lignite as billed (Including biomass	0	kCal/Kg	4214
		10		2277 To 10077

177

Submitted On :27.05.2024

h Digitally signed by Rakesh Kumar Date: 2024.08.19 15:52:00 +05'30'

25.10 Weighted average GCV of Coal /Lignite as billed (Excluding biomass)

26 GCV of Domestic coal of the Opening stock as received at station

28 GCV of Imported coal of the Opening stock as received at station

Weighted average GCV of coal/ Lignite as Received (Including biomass)

30.10 Weighted average GCV of coal/ Lignite as Received (Excluding biomass)

27 GCV of Domestic coal/biomass supplied as received at station

29 GCV of Imported coal supplied as received at station

Details of Sourcewise fuel for computation of Energy Charges

As per our report of even date
For M/s Goyal Parul and Co.
Chartered Accountants
FRN: 016750N

Digitally signed by SANCHIT AGRAWAL Date: 2024.08.23

kCal/Kg

kCal/Ka

kCal/Kg

kCal/Kg

kCal/Kg

kCal/Kg

kCal/Kg

4214

3704

3538

3594

3594

0

12:55:17 +05'30'

Form-I

Particulars	The same of the sa
Name of the Petitioner/Applicant	NTPC Limited
Address of the Petitioner/Applicant	SCOPE Complex, Core -7, Institutional Area, Lodhi Road, New Delhi – 110 003
3. Subject Matter	Payment of Annual Tariff Filing fees for NTPC Stations for FY 2024-25 as per CERC (Payment of Fees) (Third Amendment) Regulations, 2022
4. Petition No., if any	As per Enclosed Sheet (Annexure A)
a) Generating station/units b) Capacity in MW c) Date of commercial operation d) Period for which fee paid e) Amount of fee paid f) Surcharge, if any	As per Enclosed Sheet (Annexure A)
a) Transmission line and substations b) Date of commercial operation c) Period for which fee paid d) Amount of fee paid e) Surcharge, if any	N.A.
7. Fee paid for Adoption of tariff for a) Generation asset b) Transmission asset	N.A.
Application fee for licence a) Trading licence b) Transmission licence c) Period for which paid d) Amount of fee paid	N.A
9. Fees paid for Miscellaneous Application	N.A.
10. Fees paid for Interlocutory Application	N.A.

 Fee paid for Regulatory Compliance petition 	N.A.
12. Fee paid for Review Application	N.A.
13. License fee for inter-State Trading	
a) Category b) Period c) Amount of fee paid d) Surcharge, if any	N.A
14. License fee for inter-State Transmission	N.A.
 a) Expected/Actual transmission charge b) Period c) Amount of fee calculated as a percentage of transmission charge. d) Surcharge, if any 	
15. Annual Registration Charge for Power Exchange a) Period b) Amount of turnover c) Fee paid d) Surcharge, if any	N.A.
6. Details of fee remitted	
a) Transaction id/ Reference No./ Payment id	37c568eba62158b7b321
b) Date of remittance	24.04.2024
c) Amount remitted	Rs. 256553700.00/-
Note: While SI. Nos. 1 to 3 and 16 are one applicable	compulsory, the rest may be filled up
ignature of the authorized signatory w	
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S.No	Region	Station Name	Capacity as on 01.04.2024 (in MW)	Filling fees for 2024-25 (in Rs.) Rounded off t nearest hundred as per CERC Regulation
1	NR	Feroze Gandhi Unchahar Thermal Power Station-I	420	18,48,00
2	NR	Feroze Gandhi Unchahar Thermal Power Station-II	420	18,48,00
3	NR	Feroze Gandhi Unchahar Thermal Power Station-III	210	9,24,00
4	NR	Feroze Gandhi Unchahar Thermal Power Station-IV	500	22,00,000
5	NR	National capital Power Project Dadri Stage-I	840	36,96,00
6	NR	National capital Power Project Dadri Stage-II	980	43,12,000
7	NR	Tanda Thermal Power Station	440	19,36,000
8	NR	Tanda Super Thermal Power Station Stage-II	1320	58,08,000
9	NR	Singrauli Super thermal Power Station	2000	88,00,000
10	NR	Rihand Super Thermal Power Station-I	1000	44,00,000
11	NR	Rihand Super Thermal Power Station-II	1000	44,00,000
12	NR	Rihand Super Thermal Power Station-III	1000	44,00,000
13	NR	Dadri Gas Power Station	829.78	36,51,000
14	NR	Anta Gas Power Station	419.33	18,45,100
15	NR.	Auraiya Gas Power Station	663.36	29,18,800
16	NR	Faridabad Gas Power Station	431.586	18,99,000
17	ER	Farakka Super Thermal Power Station, Stage-I&II	1600	70,40,000
18	ER	Farakka Super Thermal Power Station, Stage-III	500	22,00,000
19	ER	Kahalgaon Super Thermal Power Station Stage-I	840	36,96,000
20	ER	Kahalgaon Super Thermal Power Station Stage-II	1500	66,00,000
21	ER	Bongaigaon TPS	750	33,00,000
22	ER	Barh Super Tharmal Power Station-I	1320	58,08,000
23	ER	Barh Super Tharmal Power Station-II	1320	58,08,000
24	ER	Barauni TPS Stage-II	500	22,00,000
25	ER	Talcher Super Thermal Power Station Stage-I	1000	44,00,000
26	ER	Darlipalii Super Thermal Power Station-I	1600	70,40,000
27	ER	North Karanpura Super Thermal Power Station	1320	58,08,000
28	ER	Nabinagar Super Thermal Power Station	1980	87,12,000
29	ER	Muzaffarpur Thermal Power Station Stage-II	390	17,16,000
30	WR	Korba Super Thermal Power Station, Stage-I&II	2100	92,40,000
31	WR	Korba Super Thermal Power Station, Stage-III	500	22,00,000
32	WR	Jhanor Gandhar Gas Power Project	657.39	28,92,500
33	WR	Kawas Gas Power Project	656.2	28,87,300
34	WR	Sipat Super Thermal Power Project 1800e-I	1980	87,12,000

CERC Filing Fees For FY 2024-25 For NTPC Stations

Annexure -

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S.No	Region	Station Name	Capacity as on 01.04.2024 (in MW)	Filling fees for 2024-25 (in Rs.) Rounded off nearest hundred as per CERC Regulation
35	WR	Sipat Super Thermal Power Project Stage-II	1000	44,00,00
36	WR	Vindhyachal Super Thermal Power Station-I	1260	55,44,00
37	WR	Vindhyachal Super Thermal Power Station-II	1000	44,00,00
38	WR	Vindhyanchal Super Thermal Power Station-III	1000	44,00,00
39	WR	Vindhyanchal Super Thermal Power Station-IV	1000	44,00,00
40	WR	Vindhyanchal Super Thermal Power Station-V	500	22,00,00
41	WR	Mouda Super Thermal Power Station I	1000	44,00,00
42	WR	Mouda Super Thermal Power Station II	1320	58,08,00
43	WR	Solapur Super Thermal Power Station	1320	58,08,00
44	WR	Gadarwara Super Thermal Power Station	1600	70,40,00
45	WR	Lara Super Thermal Power Station	1600	70,40,000
46	WR	Khargone Super Thermal Power Project	1320	58,08,000
47	SR	Talcher Super Thermal Power Station Stage-II	2000	88,00,000
48	SR	Ramagundam STPS Stage-I&II	2100	92,40,000
49	SR	Ramagundam STPSStage-III	500	22,00,000
50	SR	Simadhri Thermal Power Station, Stage-I	1000	44,00,000
51	SR	Simadhri Thermal Power Station Stage-II	1000	44,00,000
52	SR	Kudgi Super Thermal Power station	2400	1,05,60,000
53	SR	Telangana Super Thermal Power Station	1600	70,40,000
54	HYDRO	Koldam Hydro	800	35,20,000
	3 84 1 1	TOTAL	58307.646	25,65,53,700

आनंद सागर पाण्डेय/ANAND SAGAR PANDEY महाप्रयंधक (वाणिज्यिक) General Manager (Commercial) एन दी पी सी लिमिटेड/NTPC LIMITED

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Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: 37c568eba62158b7b321

Payment

19716455492

Gateway ID:

Status: success

Received From: NTPC Limited

The Sum of Rs.: 256553700

Fee Type: Annual Fees for Determination of Dated: Apr 24, 2024, 2:56 PM

Tariff Generating Station(GT)

 Fee Mode:
 NB

 Fee Period:
 2024-25

Petitioner/ Organisation

rganisation NTPC Limited

Name: