

Summary of Issues: Farakka Super Thermal Power Station-III (500 MW)

(In compliance with CERC notice dated 07.06.2024)

The major highlights of the Farakka STPS-III (500 MW) Truing up petition 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-9(2) of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for revision of tariff of Farakka Super Thermal Power Station, Stage-III (500 MW) for the period from 01.04.2024 to 31.03.2029 after the truing up exercise based on actual expenditures as on 31.03.2024.

Farakka STPS-III is located at Murshidabad, West Bengal and comprises of one 500 MW with COD on 04.04.2012. The power generated from FSTPS-III is being supplied to various discoms as per MoP allocation and respective PPAs including West Bengal State Electricity Distribution Corporation Limited, Bihar State Power Holding Company Limited, Jharkhand Urja Vikas Nigam Limited and Grid Corporation of Orissa Limited.

The actual Additional Capital Expenditure on cash basis for the FY 2025-26, 2026-27, 2027-28 and 2028-29 are Rs 93.36 cr, Rs 82.66 cr, Rs 40.74 cr and Rs 12.58 cr respectively amounting to total of Rs 229.34 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.

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.

It is humbly submitted to allow reimbursement of Ash Transportation Charges directly from the beneficiaries on monthly basis, subject to true up. The ash transportation expenses claim has been depicted in Form 3A of Appendix-I.

Hon'ble Commission may please consider the boiler efficiency at actual demonstrated PG test value of 83.39% and corresponding normative heat rate of 2436.62 Kcal/kwhr.

Hon'ble Commission may please allow the claims of water charges, capital spares and security expenses for the instant station as per actual, as claimed by the Petitioner in Form 3A of Appendix-I.

- It is mentionable that the bipartite agreement between NTPC Farakka STPS and Farakka Barrage Project directs NTPC to pay water charges on basis of water allocated. It is submitted that water is subject matter under the control of Farakka Barrage Project (under Ministry of WRD) and NTPC has no control over it. It is also an essential input for generation of electricity from a thermal power plant. NTPC is bound to pay the water charges as per the agreement signed with the Farakka Barrage Project. The detailed calculation for the water charges claim as per the agreement is submitted in Form 3A. Hon'ble Commission may please allow the claim of water charges paid on allocation basis. Copy of water agreement between NTPC Farakka STPS and Farakka Barrage Project is enclosed along with the petition at **Annex C**.
- It is further mentioned that the Farakka STPS-III is a central government owned thermal power station which is of national importance and located in a state sharing international border with Bangladesh. As such Safety and security of this important infrastructure project against any threat (national or international) is a prime concern. The main security of these central government owned thermal power station is provided by the Central Industrial Security Force (CISF). CISF is a statutory body set up under an Act of the Parliament of India and a central armed police force in India under the Ministry of Home Affairs (MHA) whose primary mission is to provide security

to large institutions like FSPTS-III. Deployment of the CISF is done as per the security threat perception, survey and as per the guidelines of MHA. In addition to the CISF, certain security is provided by other local and national agencies for critically less sensitive locations as per the plant specific needs. In view of this Hon'ble Commission may please allow the projected claims of security expenses as submitted in Form 3A. The actual claims will be submitted at the time of truing up.

- It is humbly submitted that the capital spares on store issuance basis for the instant station will be claimed by the Petitioner at the time of truing up in Form 3A of Appendix-I.

In the light of above submission and as per the Petition being filed by the Petitioner for revision of tariff of Farakka Super Thermal Power Station, Stage-III (500 MW), The Hon'ble Commission may please approve revised tariff for the tariff period 2024-29 as per provision of Regulation 9(2) of Tariff Regulations 2024.

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-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 **Farakka Super Thermal Power Station Stage-III (500 MW) for the period from 01.04.2024 to 31.03.2029.**

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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 **Farakka Super Thermal Power Station Stage-III (500 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

1. West Bengal State Electricity Distribution Company Limited
Vidyut Bhawan, Block-DJ, Sector-II,
Salt Lake City, Kolkata - 700091
2. Bihar State Power Holding Company Limited
(erstwhile Bihar State Electricity Board)
Vidyut Bhawan, Bailey Road
Patna - 800001
3. Jharkhand Bijli Vitran Nigam Limited (JBVNL)
Engineering Building
HEC Township, Dhurwa, Ranchi - 834004
4. GRIDCO Limited
24,Janpath,Bhubaneshwar -751007

The Petitioner humbly states that:

- 1) The Petitioner herein NTPC Ltd. (hereinafter referred to as '**Petitioner**' or '**NTPC**'), is a company incorporated under provisions of the Company Act, 1956 and a Government Company as defined under Section 2(45) of the Companies Act, 2013. Further, NTPC is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.
- 2) In terms of Section 79(1)(a) of Electricity Act, 2003, the Hon'ble Commission has been vested with the functions to regulate the tariff of NTPC, being a Generating Company owned and controlled by the Central Government. The regulation of the tariff of NTPC is as provided under Section 79(1)(a) read with Section 61, 62 and 64 of the Electricity Act, 2003 and the Regulations notified by the Hon'ble Commission in exercise of powers under Section 178 read with Section 61 of the Electricity Act, 2003.
- 3) The Petitioner is having power stations/ projects at different regions and places in the country. **Farakka Super Thermal Power Station Stage-III** (1x 500 MW) (hereinafter referred to as FSTPS Stage-III is one such station located in the State of West Bengal. The power generated from FSTPS Stage-III 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 '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 FSTPS Stage-III for the period from 01.04.2024 to 31.03.2029 as per the Tariff Regulations 2024.

- 6) The tariff of the FSTPS Stage-III for the tariff period 1.4.2019 to 31.3.2024 was determined by the Hon'ble Commission vide its order dated 12.01.2024 in Petition No.454/GT/2020 in accordance with the CERC (Terms & Conditions of Tariff) Regulations 2019. The petitioner vide affidavit dated 21.11.2024 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 12.01.2024 in Petition no 454/GT/2020 has allowed a capital cost of Rs 2761.87 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. 2772.58 Crs based on the actual expenditure after truing up exercise for the period 2019-24. Accordingly, the Petitioner has adjusted an amount of Rs. 10.71 Cr from 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 2772.58 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.
- 9) 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. In accordance with provision of the Regulations, the petitioner shall be furnishing the details of actual for the relevant year at the time of truing up and the same shall be subject to retrospective adjustment.

Description	Remarks
Type of Plant	Coal based station
Type of cooling water system	Closed Cycle
Consumption of Water	112.44 Lakh m ³
Rate of Water charges	Rs. 33.31 per 1000 galloon
Total Water Charges	Rs. 1568 lacs

- 10) 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 approaching this Hon'ble Commission with the details in terms of the Regulation 29 of CERC (Terms& Conditions of Tariff) Regulations 2024.
- 15) It is submitted that Hon'ble Commission has prescribed boiler efficiency and turbine heat rate separately for deriving the unit heat rate where the Unit Heat Rate is not guaranteed by the suppliers. It is submitted that the instant station was envisaged during the period 2004-09 and equipments including SG and TG specifications for tendering / award was stipulated considering the boiler efficiency and the turbine heat rate prescribed by the Hon'ble Commission in the Tariff Regulations at that time. Based on the same the equipments were ordered through competitive bidding. It was not possible for the petitioner to specify the efficiency parameters at the time of finalizing the contracts on the instant station as per the efficiency parameters specified in Tariff Regulations 2024-29 which are more stringent.

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

Quote

“161. As per the guaranteed turbine cycle heat rate of 1945 kCal/kWh and boiler efficiency of 88.5% along with the deviation of 6.5 % as per the 2009 Tariff Regulations, the Gross Heat Rate works out to 2340.59 kcal/kWh. Without the margin of Auxiliary consumption of 6.5%, the Gross Heat Rate works out as 2197.74 kcal/kWh. In light of this, achieving a GSHR of 2220 kcal/kWh as per submission of the respondents 1 to 6 is not possible. Also, the EPC contract was finalized in 2006 and there was no possibility for the petitioner to specify the Station Heat Rate as per the 2009 Tariff Regulations. In view of above, we consider a GSHR of 2340.59 kCal/kWh based on guaranteed turbine cycle heat rate 1945 kCal/kWh and boiler efficiency of 88.5% with a deviation of 6.5 % from the guaranteed design value.”

UNQUOTE

Further, Hon'ble Commission vide its order dated 21.04.2022 in petition no 362/GT/2020 while determining tariff of Kahalgaon STPS-II of NTPC Limited has relaxed the boiler efficiency for computing Gross Heat Rate of the station with appropriate operating margin. The same is quoted below:

Quote

“157. Accordingly, the Commission considered the SHR of 2425 kCal /kWh as approved for 2009-14 tariff period and in exercise of Power to Relax under Regulation 54 and Power to Remove Difficulty under Regulations 55 of Tariff Regulations, 2014 allowed boiler efficiency of the units of the generating station below 0.85 for the period 2014–19”

UNQUOTE

Further, if the Petitioner had stipulated more stringent unit heat rate this would have increased the capital cost commensurate to the efficiency parameters sought. The benefit of the lower capital cost due to lower efficiency parameters has already been passed onto the beneficiaries in terms of lower capital cost. If now the boiler efficiency for working out the normative heat rate is considered as 86% instead of the actual design efficiency of 83.39 %, the unit heat rate would be worked out to be 2362.67 kcal/kwh and the operating margin available over the design heat rate would be 1.33 % only which is much less than the operating margin of 4.5% allowed in the Tariff Regulations 2024. Moreover, it is submitted that boiler efficiency is largely a function of coal quality. In view of above submission, it is prayed that Gross Station Heat rate may be allowed based on guaranteed turbine cycle heat rate and actual boiler efficiency of 83.39 % with an operating margin of 4.5 % from the guaranteed design value. The tariff computation attached at Appendix-I

is based on considering Station Heat Rate as per design heat rate with applicable operating margin of 4.5%.

- 16) It is submitted that the Petitioner has already paid the requisite filing fee online on 24.04.24 for the year 2024-25 and the details of the same have been duly furnished to the Hon'ble Commission vide our letter dtd. 24.04.24. For the subsequent years, it shall be paid as per the provisions of the CERC (Payment of Fees) Regulations, 2012 as amended. Further Regulation 94 (1) of Tariff Regulations 2024 provides that the application fee and publication expenses may be allowed to be recovered directly from the beneficiaries at the discretion of the Hon'ble Commission. Accordingly, it is prayed that Hon'ble Commission may be pleased to allow recover filing fee and publication fee directly from the beneficiaries.
- 17) 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.
- 18) 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.
- 19) 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.

- 20)** In accordance with the 'Conduct of Business Regulations 2023' of the Hon'ble Commission, the Petitioner shall, within 7 days after filing the tariff petition, 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 alongwith the prayer for recovery of Publication Expenses as per Regulation-94 of CERC Tariff Regulations 2024.
- 21)** The filing fee for the instant Petition has been paid for FY 2024-25 online (reference attached as Annexure-A) on 24.04.24. as per Central Electricity Regulatory Commission (Payment of Fees) Regulations, 2012, as amended from time to time. For subsequent years, it shall be paid as per the provisions of CERC (Payment of Fee) Regulations 2012. Further, the proof of payment of fees is being submitted in Form I specified under Regulation 12 of the Central Electricity Regulatory Commission (Payment of Fees) Regulations, 2012, as amended from time to time. 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.
- 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. 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. Further the petitioner has installed Emission Control

(ECS) System for controlling Nox emissions and the tariff for the same has been claimed as a separate stream under regulation 29 of Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2024.

The tariff forms for the ECS (DeNox) System are attached as **Appendix-IA**.

- 22) 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:

- i) Approve tariff of Farakka Super Thermal Power Station Stage-III (500 MW) for the tariff period 01.04.2024 to 31.03.2029.
- ii) Approve Supplementary Tariff of FSTPS-III for the DeNOx System from 01.04.2024 to 31.03.2024.
- iii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries.
- iv) Allow reimbursement of Ash Transportation Charges directly from the beneficiaries on monthly basis, subject to true up.
- v) Allow the recovery of pay/wage revision as additional O&M over and above the normative O&M.
- vi) Consider station heat rate based on design heat rate with applicable operating margin.
- vii) Pass any other order as it may deem fit in the circumstances mentioned above.

Petitioner

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 Farakka Super Thermal Power Station Stage-III 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: 1. West Bengal State Electricity
Distribution Company Limited, Vidut
Bhawan, Block-DJ, Sector-II, Salt Lake
City, Kolkata -700091
and Others

AFFIDAVIT

I, Prashant Chaturvedi, S/o Dr. S.C. Chaturvedi, aged about 48 years, working as Additional General Manager (Commercial) at NTPC Limited, having my office at 7th Floor, EOC, Sector- 24, Noida- 201301, do hereby solemnly affirm and state as under:

1. That the deponent is the Additional General Manager (Commercial) of the Petitioner NTPC Ltd. and is well conversant with the facts and the circumstances of the case and therefore competent to swear this affidavit.

प्रशांत चतुर्वेदी/PRASHANT CHATURVEDI
अतिरिक्त प्रबंधक (व्यावसायिक)
अतिरिक्त प्रबंधक (व्यावसायिक)
एन.टी.पी.सी. लिमिटेड/NTPC LIMITED
ए.ओ.सी. सेक्टर 24, नोएडा-201301



2. That the accompanying Petition under Section 62 and 79 (1) (a) of the Electricity Act, 2003, has been filed by my authorized representative under my instruction and the contents of the same are true and correct to the best of my knowledge and belief.
3. That the contents of Para No1..... to22... as mentioned in the Petition are true and correct based on my personal knowledge, belief and records maintained in the office.
4. That the annexures annexed to the Petition are correct and true copies of the respective originals.
5. 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.

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, NOIDA-201301


(Deponent)

Verification:

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

Verified at Noida (UP) on this day of 2024.


(Deponent)

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, NOIDA-201301



ATTESTED
YOGENDRA SINGH
NOTARY NOIDA
B NAGAR (U.P.) INDIA

12 17 NOV 2024

TARIFF FILING FORMS (THERMAL)

FOR DETERMINATION OF TARIFF

FOR

Farakka Super Thermal power Station Stage-III

(From 01.04.2024 to 31.03.2029)

PART-I

APPENDIX-I

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

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

Provided yearwise for the period 2019-24

** Additional Forms

PART-I

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

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

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

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

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

Summary of Tariff

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Farakka Super Thermal power Station Stage-III
Place (Region/District/State):	Eastern Region/ Murshidabad/ West Bengal

Amount in Rs. Lakhs

S. No.	Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8	9
1.1	Depreciation	Rs Lakh	14,541.36	14,648.22	6,484.64	7,204.05	7,758.80	8,025.13
1.2	Interest on Loan	Rs Lakh	2,699.33	1,772.95	1,227.88	1,525.27	1,232.14	727.37
1.3	Return on Equity	Rs Lakh	15,401.17	15,580.32	15,843.34	16,339.22	16,686.88	16,837.12
1.4	Interest on Working Capital	Rs Lakh	5,318.68	5,029.99	4,956.34	4,942.47	4,866.89	4,921.29
1.5	O&M Expenses	Rs Lakh	29,615.44	28294.23	29355.08	28613.95	26936.65	28024.70
1.6	Special Allowance (If applicable)	Rs Lakh	NA					
1.7	Compensation Allowance (If applicable – relevant for column 4 only)	Rs. Lakh	NA					
	Total	Rs Lakh	67575.99	65325.71	57867.27	58624.96	57481.37	58535.61
2.1	Landed Fuel Cost (coal/gas/RLNG/ liquid)	Rs/Ton		4,682.76				
	(%) of Fuel Quantity	(%)		100				
2.2	Landed Fuel Cost Imported Coal			NA				
	(%) of Fuel Quantity							
2.3	Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA	Rs/Ton		NA				
	(%) of Fuel Quantity	(%)						
2.4	Landed Fuel Cost Imported Coal other than FSA.			NA				
	(%) of Fuel Quantity							
2.5	Secondary fuel oil cost	Rs/Unit		0.030				
	Energy Charge Rate ex-bus (Paise/kWh)	Rs/Unit		3.234				

(Petitioner)

Name of the Petitioner: NTPC Limited
Name of the Generating Station: Farakka Super Thermal power Station Stage-III

Amount in Rs. Lakhs

Statement showing claimed capital cost – (A+B)

S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Opening Capital Cost	2,80,712.50	2,80,712.50	2,90,048.13	2,98,313.96	3,02,388.34
2	Add: Addition during the year/period	-	9,335.64	8,265.83	4,074.38	1,258.14
3	Less: De-capitalisation during the year/period	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-
5	Add: Discharges during the year/ period	-	-	-	-	-
6	Closing Capital Cost	2,80,712.50	2,90,048.13	2,98,313.96	3,02,388.34	3,03,646.48
7	Average Capital Cost	2,80,712.50	2,85,380.31	2,94,181.05	3,00,351.15	3,03,017.41

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

S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Opening Capital Cost	277258.15	277258.15	286593.79	294859.61	298933.99
2	Add: Addition during the year / period	0.00	9335.64	8265.83	4074.38	1258.14
3	Less: De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year / period	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	277258.15	286593.79	294859.61	298933.99	300192.13
7	Average Capital Cost	277258.15	281925.97	290726.70	296896.80	299563.06

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

S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Opening Capital Cost	3454.35	3454.35	3454.35	3454.35	3454.35
2	Add: Addition during the year / period	0.00	0.00	0.00	0.00	0.00
3	Less: De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year / period	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	3454.35	3454.35	3454.35	3454.35	3454.35
7	Average Capital Cost	3454.35	3454.35	3454.35	3454.35	3454.35

(Petitioner)

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Farakka Super Thermal power Station Stage-III

Statement showing Return on Equity at Normal Rate

Amount in Rs. Lakhs						
S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
	Return on Equity					
1	Gross Opening Equity (Normal)	82,141.14	82,141.14	84,941.83	87,421.58	88643.89043
2	Less: Adjustment in Opening Equity	-				
3	Adjustment during the year		0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	82,141.14	82,141.14	84,941.83	87,421.58	88,643.89
5	Add: Increase in equity due to addition during the year / period	0.00	2800.69	2479.75	1222.31	377.44
7	Less: Decrease due to De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
8	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
9	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00
10	Net closing Equity (Normal)	82,141.14	84,941.83	87,421.58	88,643.89	89,021.33
11	Average Equity (Normal)	82,141.14	83,541.48	86,181.70	88,032.73	88,832.61
12	Rate of ROE (%)	18.782	18.782	18.782	18.782	18.782
13	Total ROE	15,427.75	15,690.76	16,186.65	16,534.31	16,684.54

(Petitioner)

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Farakka Super Thermal power Station Stage-III

Statement showing Return on Equity at Wtd avg. ROI

Amount in Rs. Lakhs

S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
	Return on Equity (beyond the original scope of work excluding additional capitalization due to Change in Law)					
1	Gross Opening Equity (Normal)	1036.30	1036.30	1036.30	1036.30	1036.30
2	Less: Adjustment in Opening Equity	0.00	0.00	0.00	0.00	0.00
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	1036.30	1036.30	1036.30	1036.30	1036.30
5	Add: Increase in equity due to addition during the year / period	0.00	0.00	0.00	0.00	0.00
7	Less: Decrease due to De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
8	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
9	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00
10	Net closing Equity (Normal)	1036.30	1036.30	1036.30	1036.30	1036.30
11	Average Equity (Normal)	1036.30	1036.30	1036.30	1036.30	1036.30
12	Rate of ROE (%)	14.723	14.723	14.723	14.723	14.723
13	Total ROE	152.57	152.57	152.57	152.57	152.57

(Petitioner)

Plant Characteristics

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Farakka Super Thermal power Station Stage-III
Unit(s)/Block(s)/Parameters	Unit-I
Installed Capacity (MW)	500
Schedule COD as per Investment Approval	NA
Actual COD /Date of Taken Over (as applicable)	04-04-2012
Pit Head or Non Pit Head	Pit Head
Name of the Boiler Manufacture	BHEL
Name of Turbine Generator Manufacture	BHEL
Main Steams Pressure at Turbine inlet (kg/Cm ²) abs ¹ .	175.6
Main Steam Temperature at Turbine inlet (°C) ¹	537
Reheat Steam Pressure at Turbine inlet (kg/Cm ²) ¹	41.8
Reheat Steam Temperature at Turbine inlet (°C) ¹	537
Main Steam flow at Turbine inlet under MCR condition (tons /hr) ²	1499
Main Steam flow at Turbine inlet under VVO condition (tons /hr) ²	1588
Unit Gross electrical output under MCR /Rated condition (MW) ²	500
Unit Gross electrical output under VVO condition (MW) ²	524.9
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh) ³	1944.4
Conditions on which design turbine cycle heat rate guaranteed(kcal/kwhr)	
% MCR	100% TMCR
% Makeup Water Consumption	
Design Capacity of Make up Water System(% of throttle steam flow)	2700 m3/hr
Design Capacity of Inlet Cooling System	2X30000 m3/hr
Design Cooling Water Temperature (°C)	33
Back Pressure(Average condenser pressure in mmHg(A))	77mm of Hg
Steam flow at super heater outlet under BMCR condition (tons/hr)	1625
Steam Pressure at super heater outlet under BMCR condition) (kg/Cm ²)	178
Steam Temperature at super heater outlet under BMCR condition (°C)	540
Steam Temperature at Reheater outlet at BMCR condition (°C)	540
Design / Guaranteed Boiler Efficiency (%) ⁴	83.39%
Design Fuel with and without Blending of domestic/imported coal	540
Type of Cooling Tower	IDCT
Type of cooling system ⁵	CLOSED
Type of Boiler Feed Pump ⁶	TDBFP
Fuel Details ⁷	
-Primary Fuel	Coal
-Secondary Fuel	HFO / LDO
-Alternate Fuels	-
Special Features/Site Specific Features ⁸	
Special Technological Features ⁹	
Environmental Regulation related features ¹⁰	1.ESP is provided 2.FGD under implementation
Any other special features	
1: At Turbine MCR condition.	
2: with 0% (Nil) make up and design Cooling water temperature	
3: at TMCR output based on gross generation, 0% (Nil) makeup and design Cooling water temperature.	
4: With Performance coal based on Higher Heating Value (HHV) of fuel and at (BMCR) out put	
5: Closed circuit cooling, once through cooling, sea cooling, natural draft cooling, induced draft cooling etc.	
6: Motor driven, Steam turbine driven etc.	
7: Coal or natural gas or Naptha or lignite etc.	
8: Any site specific feature such as Merry-Go-Round, Vicinity to sea, Intake /makeup water systems etc. scrubbers etc. Specify all such features	
9: Any Special Technological feature like Advanced class FA technology in Gas Turbines, etc.	
10: Environmental Regulation related features like FGD, ESP etc.,	

Normative parameters considered for tariff computations

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Farakka Super Thermal power Station Stage-III

(Year Ending March)

Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8
Base Rate of Return on Equity \$\$	%	15.50	15.50	15.50	15.50	15.50	15.50
Base Rate of Return on Equity on Add. Capitalization** \$\$	%	-	6.8507	6.6083	6.6083	8.5225	8.3519
Effective Tax Rate	%	17.4720	17.4720	17.4720	17.4720	17.4720	17.4720
Target Availability	%	85.00	85.00	85.00	85.00	85.00	85.00
Auxiliary Energy Consumption	%	6.25	5.750	5.750	5.750	5.750	5.750
Gross Station Heat Rate	kCal/kWh	2448.28	2436.62	2436.62	2436.62	2436.62	2436.62
Specific Fuel Oil Consumption	ml/kWh	0.50	0.50	0.50	0.50	0.50	0.50
Cost of Coal/Lignite for WC1	in Days	40	40	40	40	40	40
Cost of Main Secondary Fuel Oil for WC1	in Months	2	2	2	2	2	2
Fuel Cost for WC2	in Months						
Liquid Fuel Stock for WC2	in Months						
O&M Expenses	Rs lakh/MW	25.84	27.17	28.6	30.1	31.68	33.34
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	279520	279520				
SBI 1 Year MCLR plus 350 basis point ³	%	12.00	11.90	11.90	11.90	11.90	11.90
Blending ratio of domestic coal/imported coal							

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

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

Petitioner

Calculation of O&M Expenses

Name of the Company :	NTPC Limited
Name of the Power Station :	Farakka Super Thermal power Station Stage-III

Amount in Rs. Lakhs

S.No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	O&M expenses under Reg.36(1)					
1a	Normative	13585.00	14300.00	15050.00	15840.00	16670.00
2	O&M expenses under Reg.36(6)					
2a	Water Charges ## **	1641.59	1688.98	1843.93	2005.66	2174.18
2b	Security expenses **	1371.01	1448.34	1529.54	1614.80	1704.33
2c	Capital Spares***	0.00	0.00	0.00	0.00	0.00
3	O&M expenses-Ash Transportation**	11696.63	11917.76	10190.48	7476.19	7476.19
	Total O&M Expenses	28294.23	29355.08	28613.95	26936.65	28024.70

** Subject to true up

*** Shall be provided at the truing up

Petitioner

Abstract of Admitted Capital Cost for the existing Projects

Name of the Company :	NTPC Limited	
Name of the Power Station :	Farakka Super Thermal power Station Stage-III	
Last date of order of Commission for the project	Date (DD-MM-YYYY)	12.01.2024
Capital Cost as on 31.03.2024 as per Hon'ble Commission's Order dated 12.01.24 In Pet. No. 454/GT/2020	Petition no.	454/GT/2020
Following details (whether admitted and /or considered) as on the last date of the period for which tariff is approved, in the above order by the Commission:		
Capital cost	(Rs. in lakh)	276187.08
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)		1785.17
Gross Normative Debt		193330.956
Cumulative Repayment		159744.02
Net Normative Debt		33586.936
Normative Equity		82856.124
Cumulative Depreciation		160072.8
Freehold land		

(Petitioner)

Abstract of Claimed Capital Cost for the existing Projects

Name of the Company :	NTPC Limited		
Name of the Power Station :	Farakka Super Thermal power Station Stage-III		
Reference of Final True-up Tariff Petition	Affidavit dated	21.11.24	
Capital Cost as on 31.03.2024	Rs. Lakhs	277258.15	
Adjustment as per Para (7) of this petition		12648.15	
Following details as considered by the Petitioner as on the last date of the period for which final true-up tariff is claimed:			
Capital cost as on 01.04.2019	(Rs. in lakh)	264610.00	
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		1785.17	
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)		297.50	
Gross Normative Debt		185227.00	
Cumulative Repayment		161308.63	
Net Normative Debt		23918.37	
Normative Equity		79383.00	
Cumulative Depreciation		161205.15	
Freehold land			
(Petitioner)			

Form 8- Domestic						
	XXXII 8.8493%	XXXIV 8.71%	XXXVIII	XLII	54	72
Particulars	32	34	38	42	54	72
Series	BONDS	BONDS	BONDS	BONDS	BONDS	BONDS
Source of Loan1	INR	INR	INR	INR	INR	INR
Currency2	INR	INR	INR	INR	INR	INR
Amount of Loan sanctioned	10,500	15,000	7,500	50,000	10,30,683	4,00,000
Interest Type6	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	8.85%	8.71%	9.17%	9.00%	8.49%	5.45%
Base Rate, if Floating Interest7	N/A	N/A	N/A	N/A	N/A	N/A
Margin, if Floating Interest8	N/A	N/A	N/A	N/A	N/A	N/A
Are there any Caps/Floor9	No	No	No	No	No	No
If above is yes,specify caps/floor						N/A
Moratorium Period10	6 yrs *	6 yrs	6 yrs	10 yrs	8 yrs	5
Moratorium effective from #	25.03.2010	10.06.2010	22.03.11	25.01.2012	25-03-2015	15-10-2020
Repayment Period11	15 yrs	14 yrs	14 yrs	5 yrs	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment
Repayment effective from	25.03.2016	10.06.16	22.03.2017	25.01.2023	25-03-2023	15-10-2025
Repayment Frequency12	Yearly	Yearly	Yearly	Yearly	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment
Repayment Instalment13,14	700	1,000	500	10,000	Installments 1st - 206,136.61 2nd - 412,273.22 3rd - 412,273.22	4,00,000
Base Exchange Rate16			N/A	N/A	N/A	N/A
Door to Door Maturity	20 yrs	20 yrs	20 yrs	15 yrs	10	5
Name of the Projects						
A&N SOLAR	0	0				0
Anantpur Solar	0	0				0
ANTA	0	0				0
Anta Solar 90MW						0
AURAIYA	0	0				0
Auraiya R&M	0	0				0
Auraiya Solar 20MW						0
Auraiya Solar FS 20MW						0
Badarpur R&M	0	0				0
Barauni-II						0
BARH I	2500	5300				3866.66668
BARH II	0	0				62500
Bhadra Solar	0	0				0
BONGAIGAON	0	0				27200
CC						0
CC - Jhabua Power						0
CC - NEEPCO						0
CC - THDC						0
Chatti Bariatu CMB	0	0				0
DADRI GAS	0	0				0
DADRI GAS R&M	0	0				0
DADRI SOLAR	0	0				0
DARLIPALLI	0	0				0
Dulanga CMP	0	0				0
FARAKKA II	0	0				0
FARAKKA III	1000	1200	100	7000	10900	37900
Farakka R&M	0	0				0
Farakka-I, II & III FGD						0
FARIDABAD	0	0				0
Faridabad R&M						0
FARIDABAD SOLAR	0	0				0
GADARWARA	0	0				0
GANDHAR	0	0				0
Gandhar 20MW						0
Gandhar R &M	0	0				0
KAHALGAON II						0
Kahalgaon II Phase I	0	0				0
Kahalgaon II Phase II	0	0				3800
KAHALGAON R&M	0	0				0
Kahalgaon-I & II FGD						0
KAWAS	0	0				0
Kawas R & M	0	0				0
Kawas Solar						0
Kayamkulam FS (22 MW)						0
Kayamkulam FS (70 MW)						0
Khargone	0	0				0
Kirerendi Coal Mine						0

Form 8- Domestic						
	XXXII 8.8493%	XXXIV 8.71%	XXXVIII	XLII	54	72
Particulars	32	34	38	42	54	72
Series	BONDS	BONDS	BONDS	BONDS	BONDS	BONDS
Source of Loan1	BONDS	BONDS	BONDS	BONDS	BONDS	BONDS
Currency2	INR	INR	INR	INR	INR	INR
KOLDAM	7000	3900				18800
KORBA III	0	0				9900
Korba R&M	0	0				1500
Korba-I, II & III FGD						0
Kudgi	0	0				0
KUDGI-FGD						0
LARA	0	0				0
Lata Tapovan	0	0				0
LOHARINAGPALA	0	0				0
Mandsaur Solar	0	0				0
Mauda I	0	0				30500
Mauda II	0	0				0
Nabinagar						0
NCPS-FGD						0
NCTPP	0	0				0
NCTPP II	0	500				31733.33332
NCTPP R&M	0	0				0
Nokh Solar Plot-I (245MW)						0
Nokh Solar Plot-II (245MW)						0
Nokh Solar Plot-III (245MW)						0
NORTH KARANPURA	0	0				0
Pakri Barwadih CMB	0	0				10800
RAJGARH SOLAR	0	0				0
Ramagundam I & II R&M	0	0				0
Ramagundam Floating Solar-100 MW						0
Ramagundam I & II R&M						0
RAMAGUNDAM SOLAR	0	0				0
Ramagundam-I & II FGD						0
Ramagundam-III (1x500 MW)	0	0				0
Rammam	0	0				0
Rihand- I FGD						0
RIHAND II	0	0				0
Rihand- II & III FGD						0
RIHAND III	0	0				31400
Rihand R&M	0	0				700
Rihand Solar (20MW)						0
SIMHADRI	0	0				0
Simhadri Floating						0
Simhadri II	0	0				38700
Simhadri R&M						0
Simhadri-II & I (2x500 MW) & (2x500 MW) FGD						0
Singrauli R&M	0	0				0
Singrauli-I & II FGD						0
SIPAT I	0	3700				34500
SIPAT II	0	0				900
Sipat-I (3x660 MW) FGD						0
SOLAPUR	0	0				0
Solapur Solar						0
Solapur-FGD						0
Talaipali Coal Mine	0	0				0
TALCHER I	0	0				0
TALCHER II	0	0				3400
TALCHER SOLAR	0	0				0
Tanda II	0	0				0
Tanda R&M	0	0				1500
Tapovan Vishnugad	0	400				10600
Telangana	0	0				0
TSTPP R&M	0	0				0
TSTPS Stage-II & I FGD						0
TTPS R&M	0	0				0
UNCHAHAR II	0	0				0
Unchahar III	0	0				0
Unchahar IV	0	0				0
Unchahar R&M	0	0				500
UNCHAHAR SOLAR	0	0				0
Unchahar-I, II & III-FGD						0
Unchahar-IV-FGD						0
Vidhyachal Hydro**						0
VINDHYACHAL II	0	0				0
Vindhyachal III	0	0				0
Vindhyachal IV	0	0				39300
Vindhyachal R&M	0	0				0
Vindhyachal V	0	0				0
Vindhyachal-I & II FGD						0
Vindhyachal Solar**	0	0				0
TOTAL	10,500	15,000				4,00,000

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000741

T00001

D00002

Unsecured Loan From SBI-XII		
Source of Loan :	SBI-XII	
Currency :	INR	
Amount of Loan :	50,00,00,00,000	
Total Drawn amount :	26,35,00,00,000	
Date of Drawal:	18.02.2019	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.35%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	18.02.2019	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2026	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	90,00,00,000.00
	FARAKKA-III	24,50,00,000.00
	GADARWARA	90,00,00,000.00
	KORBA-III	25,00,00,000.00
	KUDGI	5,00,00,000.00
	LARA	1,00,00,000.00
	MOUDA-I	21,00,00,000.00
	MOUDA-II	2,25,00,00,000.00
	NCTPP-II	63,50,00,000.00
	NORTH KARANPURA	10,40,00,00,000.00
	PAKRI BARWADIH CMB	1,20,00,00,000.00
	SIMHADRI-II	21,00,00,000.00
	SOLAPUR	2,40,00,00,000.00
	TELANGANA	75,00,00,000.00
	KUDGI	-3,00,00,00,000.00
	BARH-I	50,00,00,000
	NORTH KARANPURA	80,00,00,000
	TAPOVAN VISHNUGARH	20,00,00,000
	TELANGANA	1,50,00,00,000
Total Allocated Amount		26,35,00,00,000.00

Statement Giving Details of Project Financed through a Combination of loan Form 8		
TRANCHE NO		
BP NO 5050000442	T00001	D00024
Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	1,00,00,00,00,000	
Total Drawn amount :	11,50,00,00,000	
Date of Drawl	14.02.2017	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00024-8.0%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	14.02.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	3,00,00,00,000
	BONGAIGAON	34,28,57,142
	FARAKKA III	14,28,57,141
	GADARWARA	2,50,00,00,000
	KOLDAM	92,85,71,427
	KORBA-III	2,85,71,428
	KUDGI	1,00,00,00,000
	MOUDA-I	40,71,42,856
	NCTPP-II	15,71,42,855
	NORTH KARANPURA	1,00,00,00,000
	RIHAND-III	32,14,28,570
	SIMHADRI-II	53,28,57,141
	SIPAT-I	21,42,85,711
	SIPAT-II	5,71,42,856
	TAPOVAN VISHNUGAD	50,00,00,000
	VINDHYACHAL IV	32,42,85,714
	PAKRI BARWADIH	4,28,57,159
	Total Allocated Amount	11,50,00,00,000

Statement Giving Details of Project Financed through a Combination of loan Form 8		
TRANCHE NO		
BP NO 5050000721	T00001	D00001
Unsecured Loan From Corporation Bank-IV		
Source of Loan :	Corporation Bank-IV	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	20,00,00,00,000	
Date of Drawal:	11.01.2019	
Interest Type :	Floating	
Fixed Interest Rate :	8.20%	
Base Rate, If Floating Interest	-	
Margin, If Floating Interest :	-	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	11.01.2019	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalments	
Repayment Type :	AVG	
First Repayment Date :	11-Jan-23	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	SINGRAULI 8MW HYDR	8,75,00,000
	FARIDABAD SOLAR PV	8,75,00,000
	SINGRAULI SOLAR	8,75,00,000
	FARAKKA III	11,42,85,716
	RAJGARH SOLAR	13,12,50,000
	NCTPP-II	14,28,57,139
	GANDHAR R&M	16,60,71,436
	SIMHADRI-II	23,21,42,855
	SIPAT-I	23,43,75,000
	MOUDA-II	50,00,00,000
	VINDHYACHAL-V	1,00,00,00,000
	SIPAT-II	1,01,07,14,287
	MOUDA-I	1,05,44,64,284
	RIHAND-III	1,22,85,71,426
	VINDHYACHAL-IV	2,45,00,00,000
	KOLDAM	2,71,51,78,577
	BARH-II	6,75,75,89,280
	KUDGI	2,00,00,00,000
	Total Allocated Amount	20,00,00,00,000

Statement Giving Details of Project Financed through a Combination of loan		
Form 8		
TRANCHE NO		
BP NO 5050000711	T00001	D00001
Unsecured Loan From Punjab National Bank-III		
Source of Loan :	Punjab National Bank-III	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	20,00,00,00,000	
Date of Drawl	01.01.2019	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.60%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	01.01.2019	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	01.02.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	UNCHAHAHAR STPP IV	65,00,00,000.00
	TANDA-II	85,00,00,000.00
	NCTPP-II	36,43,00,000.00
	DADRI GAS R&M	56,00,00,000.00
	KORBA-III	15,00,00,000.00
	SIPAT-II	17,14,00,000.00
	FARAKKA-III	8,57,00,000.00
	KAHALGAON-II	17,14,00,000.00
	BARH-I	1,08,57,00,000.00
	BARH-II	8,00,00,000.00
	NORTH KARANPURA	1,09,00,00,000.00
	KOLDAM	6,43,00,000.00
	TAPOVAN VISHNUGAD	28,57,00,000.00
	PAKRI BARWADIH	1,42,00,00,000.00
	CHATTI BARIATU	10,00,00,000.00
	BONGAIGAON	36,43,00,000.00
	KUDGI	60,00,00,000.00
	LARA	1,23,00,00,000.00
	GADARWARA	2,27,72,00,000.00
	DARLIPALLI	2,73,00,00,000.00
	KHARGONE	50,00,00,000.00
	ANANTPUR SOLAR	17,00,00,000.00
	TALAI PALI COAL MINE	5,00,00,00,000.00
Total Allocated Amount		20,00,00,00,000.00

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 505000711

T00001

D00001

Unsecured Loan From Punjab National Bank-IV		
Source of Loan :	Punjab National Bank-IV	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	20,00,00,00,000	
Date of Drawl	01.01.2019	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.60%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	01.01.2019	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	14.02.2023	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	UNCHAHAH STPP IV	65,00,00,000.00
	TANDA-II	85,00,00,000.00
	NCTPP-II	36,43,00,000.00
	DADRI GAS R&M	56,00,00,000.00
	KORBA-III	15,00,00,000.00
	SIPAT-II	17,14,00,000.00
	FARAKKA-III	8,57,00,000.00
	KAHALGAON-II	17,14,00,000.00
	BARH-I	1,08,57,00,000.00
	BARH-II	8,00,00,000.00
	NORTH KARANPURA	1,09,00,00,000.00
	KOLDAM	6,43,00,000.00
	TAPOVAN VISHNUGAD	28,57,00,000.00
	PAKRI BARWADIH	1,42,00,00,000.00
	CHATTI BARIATU	10,00,00,000.00
	BONGAIGAON	36,43,00,000.00
	KUDGI	60,00,00,000.00
	LARA	1,23,00,00,000.00
	GADARWARA	2,27,72,00,000.00
	DARLIPALLI	2,73,00,00,000.00
	KHARGONE	50,00,00,000.00
	ANANTPUR SOLAR	17,00,00,000.00
	TALAIPALI COAL MINE	5,00,00,00,000.00
Total Allocated Amount		20,00,00,00,000.00

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Farakka Super Thermal power Station Stage-III
COD	04-04-2012
For Financial Year	2024-29 (Summary)

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual / Projected)					Regulations under which claimed	Justification	Amount in Rs Lakh
		2024-25	2025-26	2026-27	2027-28	2028-29			Admitted Cost by the Commission, if any
1	2	3	4	5	6	7	8	9	
A. Works beyond Original scope under Change in Law etc. eligible for RoE at Normal Rate									
1	CLO2 SYSTEM		1085.75	748.30	1,074.38	326.08	26 (1) (b), 26 (1) (d) & 26(1)(i)	Chlorine gas is being dozed directly at various stages of water treatment to maintain water quality and to inhibit organic growth in the water retaining structures. Chlorine gas is very hazardous and may prove fatal in case of leakage; handling and storage of same involves risk to the life of public at large. Installation of CIO2 system by replacing chlorine gas injecting system is being undertaken at all NTPC stations to enhance safety of personnel engaged in power plant operation. Work taken-up in accordance to the various provisions and objectives of the "National Disaster Management Guidelines – Chemical Disasters" which provides that industrial systems shall be continuously improved and upgraded for the prevention and management of chemical accidents. It is also pertinent that the action for inslation of CLO2 system is also in compliance with the duties necessitated for an employer (NTPC) under the clause 6(1)(a) and 6(1)(d) of "The Occupational Safety, Health and Working Conditions Code, 2020" notified by Ministry of Law & Justice, Gol vide Gazette Notification dated 29.09.2020 relevant extracts of which are reproduced below: "DUTIES OF EMPLOYER AND EMPLOYEES, ETC. 6.(1) Every employer shall: (a)ensure that workplace is free from hazards which cause or are likely to cause injury or occupational disease to the employees; --- (e)Provide and maintains, as far as is reasonably practicable, a working environment that is safe and without risk to the health of the employees" Some of the major benefits of installation of CLO2 system are as under (a) Avoid possible accidents due to leakage of chlorine while handling (b) Improves safety of personnel and plant & equipment (c) Increases the shelf life of water retaining structures/ equipment such as clarifiers, storage tanks, cooling towers, condenser tubes & piping etc thereby reduces the replacement cost. (d) Helps in complying with statutory direction of some states that have already made it mandatory. Moreover CIO2 dosing reduces biofilm, scale, and corrosion, in cooling tower which improves heat dissipation and energy savings In view of the above, it is humbly requested that Hon'ble Commission may be pleased to allow the same as a change in law event or compliance of any existing law under Regulation 26(1) (b), under Regulation 26 (1)(d) which permits consideration for need for higher security and safety of the plant and also under Regulation 26 (1)(i) as it enhances the operating efficiency of cooling tower.	
2	TOE DRAIN WATER RECIRCULATION SYSTEM		6500.54						
3	STP AT TOWNSHIP		151.29	1,289.67					
4	ASH WATER RECIRCULATION		1500.00	4,500.00	3,000.00	932.06		As per Gazette notification by Ministry of Water Resources, River Development, and Ganga Rejuvenation dated 7th October,2016 of clause 6(2) " Any untreated or treated trade effluent and industrial waste, Bio medical waste or other hazardous substances shall not be discharged, directly or indirectly into the River Ganga or its tributaries or on their banks". This work is envisaged for zero liquid discharge in River Ganga or its tributaries from the ASH dyke of Farakka STPS. This Hon'ble Commission has already given liberty for this work in 454/GT/2020. Accordingly the same may please be allowed under change in law.	

5	PERIPHERAL SURFACE DRAIN AROUND COAL MILL REJECT STORAGE AREA		98.06			26 (1)(b)	No effluent from mill reject area shall be discharged to storm water drain /permitted to mix with storm water. The present work is for separation of Mill reject storage yard drain from storm drain. Also, as per Gazette notification by Ministry of Water Resources, River Development, and Ganga Rejuvenation dated 7th October,2016 of clause 6(2) " No person shall discharge, directly or indirectly, any untreated or treated trade effluent and industrial waste, Bio medical waste or other hazardous substances into the River Ganga or its tributaries or on their banks".
6	BOBR Wagons			1,727.86		19(3)(e)&25(2)(b)	The Hon'ble Commission has allowed wagons in it's order dated 17.04.23 in 698/GT/2020. MGR system at FSTPS is a common facility used by Stg-I&II and Stage-III. Since the Farakka station is more than 25 years due to frequent requirement of maintenance and unavailability of spares/parts, the maintenance of existing wagons has become difficult and unviable. 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 dtd 06.06.2022 of Ministry of Railways, GOI, the average life of the BOBRN wagon is 35 years. Indian railway code is attached as Annexure-C. Also the petitioner is trying to bring more coal via MGR to reduce the ECR to supply power at cheap rates to the beneficiaries. It is also submitted that SC in it's order dated:09.11.2017 in CA 5990 of 2014 (ref petition : 316/GT/2014) has remanded back the appeal of the petitioner related to disallowance of wagons to APTEL for fresh consideration. The Hon'ble Commission may be pleased 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)		-	9,335.64	8,265.83	4,074.38	1,258.14	
B. Works beyond Original scope exluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest							
Total (B)		0.00	0.00	0.00	0.00	0.00	
Total Add. Cap. Claimed (A+B)		-	9,335.64	8,265.83	4,074.38	1,258.14	
(Petitioner)							

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Farakka Super Thermal power Station Stage-III
COD	04-04-2012
For Financial Year	2024-25

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Amount in Rs Lakh Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
A. Works beyond Original scope under Change in Law etc. eligible for RoE at Normal Rate								
2	STP at Township	151.29		151.29			As per Gazette notification by Ministry of Water Resources, River Development, and Ganga Rejuvenation dated 7th October,2016 of clause 6(2) " Any untreated or treated trade effluent and industrial waste, Bio medical waste or other hazardous substances shall not be discharged, directly or indirectly into the River Ganga or its tributaries or on their banks".This work is envisaged for zero liquid discharge in River Ganga or its tributaries from the ASH dyke of Farakka STPS.This Hon'ble Commission has already given liberty for this work in 454/GT/2020. Accordingly the same may please be allowed under change in law.	
Total (A)		151.29	-	151.29				
B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest								
Total (B)		-	-	-				
Total Add. Cap. Claimed (A+B)		151.29	-	151.29	-			

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		NTPC Limited						
Name of the Generating Station		Farakka Super Thermal power Station Stage-III						
COD		04-04-2012						
For Financial Year		2025-26						

Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
			Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3	5= (3-4)			
1	2	3	4	5= (3-4)	6	7	8	9	
A. Works beyond Original scope, Change in Law etc. eligible for RoE at Normal Rate									
1	CLO2 SYSTEM	1,085.75	-	1,085.75		26 (1) (b), 26 (1) (d) & 26(1)(i)	<p>Chlorine gas is being dozed directly at various stages of water treatment to maintain water quality and to inhibit organic growth in the water retaining structures. Chlorine gas is very hazardous and may prove fatal in case of leakage; handling and storage of same involves risk to the life of public at large.</p> <p>Installation of CIO2 system by replacing chlorine gas injecting system is being undertaken at all NTPC stations to enhance safety of personnel engaged in power plant operation. Work taken-up in accordance to the various provisions and objectives of the "National Disaster Management Guidelines – Chemical Disasters" which provides that industrial systems shall be continuously improved and upgraded for the prevention and management of chemical accidents. It is also pertinent that the action for installation of CLO2 system is also in compliance with the duties necessitated for an employer (NTPC) under the clause 6(1)(a) and 6(1)(d) of "The Occupational Safety, Health and Working Conditions Code, 2020" notified by Ministry of Law & Justice, Gov vide Gazette Notification dated 29.09.2020 relevant extracts of which are reproduced below:</p> <p>"DUTIES OF EMPLOYER AND EMPLOYEES, ETC.</p> <p>6.(1) Every employer shall:</p> <p>(a)ensure that workplace is free from hazards which cause or are likely to cause injury or occupational disease to the employees;</p> <p>(c)Provide and maintains, as far as is reasonably practicable, a working environment that is safe and without risk to the health of the employees"</p> <p>Some of the major benefits of installation of CLO2 system are as under</p> <p>(a) Avoid possible accidents due to leakage of chlorine while handling</p> <p>(b) Improves safety of personnel and plant & equipment</p> <p>(c) Increases the shelf life of water retaining structures/ equipment such as clarifiers, storage tanks, cooling towers, condenser tubes & piping etc thereby reduces the replacement cost.</p> <p>(d) Helps in complying with statutory direction of some states that have already made it mandatory.</p> <p>Moreover CIO2 dosing reduces biofilm, scale, and corrosion, in cooling tower which improves heat dissipation and energy savings</p> <p>In view of the above, it is humbly requested that Hon'ble Commission may be pleased to allow the same as a change in law event or compliance of any existing law under Regulation 26(1) (b), under Regulation 26 (1)(d) which permits consideration for need for higher security and safety of the plant and also under Regulation 26 (1)(i) as it enhances the operating efficiency of cooling tower.</p>		
2	TOE DRAIN WATER RECIRCULATION SYSTEM	6,500.54	-	6,500.54		26 (1)(b)	As per Gazette notification by Ministry of Water Resources, River Development, and Ganga Rejuvenation dated 7th October,2016 of clause 6(2) " Any untreated or treated trade effluent and industrial waste, Bio medical waste or other hazardous substances shall not be discharged, directly or indirectly into the River Ganga or its tributaries or on their banks". This work is envisaged for zero liquid discharge in River Ganga or its tributaries from the ASH dyke of Farakka STPS. This Hon'ble Commission has already given liberty for this work in 454/GT/2020. Accordingly the same may please be allowed under change in law.		
3	STP AT TOWNSHIP	1,289.67	-	1,289.67					
4	ASH WATER RECIRCULATION	1,500.00	-	1,500.00					
5	PERIPHERAL SURFACE DRAIN AROUND COAL MILL REJECT STORAGE AREA	98.06	-	98.06		26 (1)(b)	No effluent from mill reject area shall be discharged to storm water drain /permitted to mix with storm water. The present work is for separation of Mill reject storage yard drain from storm drain. Also, as per Gazette notification by Ministry of Water Resources, River Development, and Ganga Rejuvenation dated 7th October,2016 of clause 6(2) " No person shall discharge, directly or indirectly, any untreated or treated trade effluent and industrial waste, Bio medical waste or other hazardous substances into the River Ganga or its tributaries or on their banks".		
Total (A)		10,474.02	-	10,474.02	-				
B. Works beyond Original scope exluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest									
Total (B)		-	-	-	-				
Total Add. Cap. Claimed (A+B)		10,474.02	-	10,474.02	-				

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		NTPC Limited						
Name of the Generating Station		Farakka Super Thermal power Station Stage-III						
COD		04-04-2012						
For Financial Year		2026-27						
								Amount in Rs Lakh
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5=(3-4)	6	7	8	9
A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate								
1	CLO2 SYSTEM	748.30	-	748.30		26 (1) (b) & 26(1)(d)	Same as 25-26	
2	ASH WATER RECIRCULATION	4,500.00		4,500.00		26 (1) (b)	Same as 25-27	
3	BOBR Wagons	1,727.86	-	1,727.86		19(3)(e) & 25(2)(b)	The Hon'ble Commission has allowed wagons in it's order dated 17.04.23 in 698/GT/2020. MGR system at FSTPS is a common facility used by Stg-I&II and Stage-III. Since the Farakka station is more than 25 years due to frequent requirement of maintenance and unavailability of spares/parts, the maintenance of existing wagons has become difficult and unviable. 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 dtd 06.06.2022 of Ministry of Railways, GOI, the average life of the BOBRN wagon is 35 years. Indian railway code is attached as Annexure-C . Also the petitioner is trying to bring more coal via MGR to reduce the ECR to supply power at cheap rates to the beneficiaries. It is also submitted that SC in it's order dated:09.11.2017 in CA 5990 of 2014 (ref petition : 316/GT/2014) has remanded back the appeal of the petitioner related to disallowance of wagons to APTEL for fresh consideration. The Hon'ble Commission may be pleased 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)		6,976.16	-	6,976.16	-			
B. Works beyond Original scope extuding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest								
Total (B)								
Total Add. Cap. Claimed (A+B)		6,976.16	-	6,976.16	-			

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Farakka Super Thermal power Station Stage-III
COD	04-04-2012
For Financial Year	2027-28

Amount in Rs Lakh								
Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	ACE Claimed (Actual / Projected)			Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
			Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate								
1	CLO2 SYSTEM	1,074.38	-	1,074.38		26 (1) (b) & 26(1)(d)	Same as 25-26	
2	ASH WATER RECIRCULATION	3,000.00		3,000.00		26 (1) (b)		
Total (A)		4,074.38	-	4,074.38	-			
B. Works beyond Original scope exluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest								
Total (B)		-	-	-				
Total Add. Cap. Claimed (A+B)		4,074.38	-	4,074.38				

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Farakka Super Thermal power Station Stage-III
COD	04-04-2012
For Financial Year	2028-29

Amount in Rs Lakh

Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	ACE Claimed (Actual / Projected)			Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
			Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate								
1	CLO2 SYSTEM	326.08	-	326.08		26 (1) (b) & 26(1)(d)	Same as 25-26	
2	ASH WATER RECIRCULATION	932.06		932.06		26 (1) (b)		
Total (A)		932.06	-	932.06	-			
B. Works beyond Original scope exluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest								
Total (B)		-	-	-	-			
Total Add. Cap. Claimed (A+B)		932.06	-	932.06	-			

(Petitioner)

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Farakka Super Thermal power Station Stage-III
Date of Commercial Operation	04-04-2012

Financial Year (Starting from COD)1	Actual					Admitted				
	2024-25	2025-26	2026-27	2027-28	2028-29	2024-25	2025-26	2026-27	2027-28	2028-29
1		3	4	5	6	7	8	9	10	11

Amount capitalised in Work/ Equipment

Financing Details	Add cap is proposed to be finance in Debt:Equity ratio of 70:30
Loan-1	
Loan-2	
Loan-3 and so on	
Total Loan2	
Equity	
Internal Resources	
Others (Pl. specify)	
Total	

(Petitioner)

Statement of Depreciation

Name of the Company :	NTPC Limited
Name of the Power Station :	Farakka Super Thermal power Station Stage-III

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8
1	Opening Capital Cost	276671.72	2,77,258.15	2,77,258.15	2,86,593.79	2,94,859.61	2,98,933.99
2	Closing Capital Cost	280712.50	2,77,258.15	2,86,593.79	2,94,859.61	2,98,933.99	3,00,192.13
3	Average Capital Cost	278692.11	2,77,258.15	2,81,925.97	2,90,726.70	2,96,896.80	2,99,563.06
1a	Cost of IT Equipments & Software included in (1) above ^^	3.67	4.22	4.22	4.22	4.22	4.22
2a	Cost of IT Equipments & Software included in (2) above ^^	4.22	4.22	4.22	4.22	4.22	4.22
3a	Average Cost of IT Equipments & Software	3.95	4.22	4.22	4.22	4.22	4.22
4	Freehold land	0.00	-	-	-	-	-
5	Rate of depreciation	5.283	5.283	0.000	0.000	0.000	0.000
6	Depreciable value	2,45,899.58	2,49,532.75	2,53,733.79	2,61,654.45	2,67,207.54	2,69,607.18
7	Balance useful life at the beginning of the period	14.00	13.00	12.00	11.00	12.00	11.00
8	Remaining depreciable value	98,803.65	88,327.72	77,880.54	79,316.55	77,665.60	72,306.43
9	Depreciation (for the period)	14,541.36	14,648.22	6,484.64	7,204.05	7,758.80	8,025.13
10	Depreciation (annualised)	14,541.36	14,648.22	6,484.64	7,204.05	7,758.80	8,025.13
11	Cumulative depreciation at the end of the period	14,541.36	1,75,853.26	1,82,337.90	1,89,541.94	1,97,300.75	2,05,325.88
12	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009	0.00	-	-	-	-	-
13	Add: Cumulative depreciation adjustment on account of liability Discharge	0.00	-	-	-	-	-
14	Less: Cumulative depreciation adjustment on account of de-capitalisation	432.25	-	-	-	-	-
15	Net Cumulative depreciation at the end of the period after adjustments	1,61,205.04	1,75,853.26	1,82,337.90	1,89,541.94	1,97,300.75	2,05,325.88

^^ Shall be provided at the time of true up

(Petitioner)

FORM-11

FY 2023-24

Sl. no.	Account Code	GL description	Opeing GB as at 01.04.2023 as per IGAAP	Addition to GB 2023-24	Closing GB as at 31.03.2024 as per IGAAP	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount on Gross Block 31.03.2024
			1	2	3	4	5
1	1001001	Freehold Land	0.00	0.00	0.00	3.34	0.00
2	1001002	Leasehold Land	0.00	0.00	0.00	0	0.00
3	1001004	Roads, bridges, culverts & helipads	2547.50	2098.01	4645.51	3.34	85.09
4	1001005	Main Plant Buildings	0.00	0.00	0.00	3.34	0.00
5	1001006	Other Buildings	5846.31	0.00	5846.31	3.34	195.27
6	1001008	Temporary erection	0.00	0.00	0.00	18	0.00
7	1001009	Water supply, drainage & sewerage	405.74	0.00	405.74	5.28	21.42
8	1001010	MGR track and signalling system	4215.83	0.00	4215.83	5.28	222.60
9	1001011	Railway siding	0.00	0.00	0.00	5.28	0.00
10	1001013	Plant and machinery	262599.74	889.23	263488.97	5.28	13865.27
11	1001014	Furniture and fixtures	2082.19	9.93	2092.12	6.33	131.80
12	1001015	Other Office Equipments	2731.65	85.59	2817.24	6.33	172.91
13	1001016	EDP, WP machines & SATCOM equipment	913.14	356.64	1269.78	15.00	136.97
14	1001017	Vehicles including speedboats	16.53	0.00	16.53	9.50	1.57
15	1001018	Construction equipment	24.14	299.21	323.34	9.50	2.29
16	1001019	Electrical installations	24.85	0.00	24.85	5.28	1.31
17	1001020	Communication equipment	360.38	10.71	371.10	6.33	22.81
18	1001021	Hospital equipment	233.38	0.75	234.12	5.28	12.32
19	1001022	Laboratory and workshop equipment	280.28	21.17	301.45	5.28	14.80
20	1001024	Software	98.35	-3.49	94.85	33.33	32.78
21	1001035	Capital Spares	12166.05	641.17	12807.22	5.28	642.37
			2,94,546.05	4,408.92	2,98,954.97		15,561.58

5.2832

(Petitioner)

Sl. no.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	Bonds XXXII Series					
	Gross loan - Opening	1000.00	1000.00	1000.00	1000.00	1000.00
	Cumulative repayments of Loans upto previous period	600.03	666.70	733.36	800.03	866.70
	Net loan - Opening	399.97	333.30	266.64	199.97	133.30
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	399.97	333.30	266.64	199.97	133.30
	Repayments of Loans during the period	66.67	66.67	66.67	66.67	66.67
	Net loan - Closing	333.30	266.64	199.97	133.30	66.64
	Average Net Loan	199.99	166.65	133.32	99.99	66.65
	Rate of Interest on Loan	8.8793%	8.8793%	8.8793%	8.8793%	8.8793%
	Interest on loan	17.76	14.80	11.84	8.88	5.92
2	Bonds XXXIV Series					
	Gross loan - Opening	1200.00	1200.00	1200.00	1200.00	1200.00
	Cumulative repayments of Loans upto previous period	640.00	720.00	800.00	880.00	960.00
	Net loan - Opening	560.00	480.00	400.00	320.00	240.00
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	560.00	480.00	400.00	320.00	240.00
	Repayments of Loans during the period	80.00	80.00	80.00	80.00	80.00
	Net loan - Closing	480.00	400.00	320.00	240.00	160.00
	Average Net Loan	280.00	240.00	200.00	160.00	120.00
	Rate of Interest on Loan	8.7400%	8.7400%	8.7400%	8.7400%	8.7400%
	Interest on loan	24.47	20.98	17.48	13.98	10.49
3	Bonds XXXVIII Series					
	Gross loan - Opening	100.00	100.00	100.00	100.00	100.00
	Cumulative repayments of Loans upto previous period	53.36	60.03	66.69	73.36	80.03
	Net loan - Opening	46.64	39.97	33.31	26.64	19.97
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	46.64	39.97	33.31	26.64	19.97
	Repayments of Loans during the period	6.67	6.67	6.67	6.67	6.67
	Net loan - Closing	39.97	33.31	26.64	19.97	13.31
	Average Net Loan	23.32	19.99	16.65	13.32	9.99
	Rate of Interest on Loan	9.2000%	9.2000%	9.2000%	9.2000%	9.2000%
	Interest on loan	2.15	1.84	1.53	1.23	0.92
4	Bonds XLII Series					
	Gross loan - Opening	7000.00	7000.00	7000.00	7000.00	7000.00
	Cumulative repayments of Loans upto previous period	2800.00	4200.00	5600.00	7000.00	7000.00
	Net loan - Opening	4200.00	2800.00	1400.00	0.00	0.00
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	4200.00	2800.00	1400.00	0.00	0.00
	Repayments of Loans during the period	1400.00	1400.00	1400.00	0.00	0.00
	Net loan - Closing	2800.00	1400.00	0.00	0.00	0.00
	Average Net Loan	2100.00	1400.00	700.00	0.00	0.00
	Rate of Interest on Loan	9.0300%	9.0300%	9.0300%	9.0300%	9.0300%
	Interest on loan	189.63	126.42	63.21	0.00	0.00
5	Bonds 54 Series					
	Gross loan - Opening	10900.00	10900.00	10900.00	10900.00	10900.00
	Cumulative repayments of Loans upto previous period	6540.00	10900.00	10900.00	10900.00	10900.00
	Net loan - Opening	4360.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	4360.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	4360.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	2180.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.5200%	8.5200%	8.5200%	8.5200%	8.5200%
	Interest on loan	185.74	0.00	0.00	0.00	0.00

6	Bonds 72 Series (Refinancing of PFC Loans)					
	Gross loan - Opening	23687.50	23687.50	23687.50	23687.50	23687.50
	Cumulative repayments of Loans upto previous period	0.00	0.00	23687.50	23687.50	23687.50
	Net loan - Opening	23687.50	23687.50	0.00	0.00	0.00
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	23687.50	23687.50	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	23687.50	0.00	0.00	0.00
	Net loan - Closing	23687.50	0.00	0.00	0.00	0.00
	Average Net Loan	11843.75	11843.75	0.00	0.00	0.00
	Rate of Interest on Loan	6.5943%	6.5943%	6.5943%	6.5943%	6.5943%
	Interest on loan	781.01	781.01	0.00	0.00	0.00
7	Bonds 72 Series					
	Gross loan - Opening	14212.50	14212.50	14212.50	14212.50	14212.50
	Cumulative repayments of Loans upto previous period	0.00	0.00	14212.50	14212.50	14212.50
	Net loan - Opening	14212.50	14212.50	0.00	0.00	0.00
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	14212.50	14212.50	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	14212.50	0.00	0.00	0.00
	Net loan - Closing	14212.50	0.00	0.00	0.00	0.00
	Average Net Loan	7106.25	7106.25	0.00	0.00	0.00
	Rate of Interest on Loan	5.4800%	5.4800%	5.4800%	5.4800%	5.4800%
	Interest on loan	389.42	389.42	0.00	0.00	0.00
8	Corporation Bank (ICICI V Bank Prepayment Loan)					
	Gross loan - Opening	1142.86	1142.86	1142.86	1142.86	1142.86
	Cumulative repayments of Loans upto previous period	253.97	380.95	507.93	634.92	761.90
	Net loan - Opening	888.89	761.91	634.92	507.94	380.95
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	888.89	761.91	634.92	507.94	380.95
	Repayments of Loans during the period	126.98	126.98	126.98	126.98	126.98
	Net loan - Closing	761.91	634.92	507.94	380.95	253.97
	Average Net Loan	444.45	380.95	317.46	253.97	190.48
	Rate of Interest on Loan	8.2333%	8.2333%	8.2333%	8.2333%	8.2333%
	Interest on loan	36.59	31.37	26.14	20.91	15.68
9	SBI-XII (Prepayment loan IDFC loan)					
	Gross loan - Opening	2450.00	2450.00	2450.00	2450.00	2450.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	272.22	544.44	816.67
	Net loan - Opening	2450.00	2450.00	2177.78	1905.56	1633.33
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	2450.00	2450.00	2177.78	1905.56	1633.33
	Repayments of Loans during the period	0.00	272.22	272.22	272.22	272.22
	Net loan - Closing	2450.00	2177.78	1905.56	1633.33	1361.11
	Average Net Loan	1225.00	1225.00	1088.89	952.78	816.67
	Rate of Interest on Loan	8.3000%	8.3000%	8.3000%	8.3000%	8.3000%
	Interest on loan	101.68	101.68	90.38	79.08	67.78
10	SBI VIII(OBC Bank Prepayment Loan)					
	Gross loan - Opening	571.43	571.43	571.43	571.43	571.43
	Cumulative repayments of Loans upto previous period	190.48	253.97	317.46	380.95	444.44
	Net loan - Opening	380.95	317.46	253.97	190.48	126.98
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	380.95	317.46	253.97	190.48	126.98
	Repayments of Loans during the period	63.49	63.49	63.49	63.49	63.49
	Net loan - Closing	317.46	253.97	190.48	126.98	63.49
	Average Net Loan	190.48	158.73	126.98	95.24	63.49
	Rate of Interest on Loan	8.4000%	8.4000%	8.4000%	8.4000%	8.4000%
	Interest on loan	16.00	13.33	10.67	8.00	5.33

11	SBI VIII(PSB-I Prepayment Loan)					
	Gross loan - Opening	857.14	857.14	857.14	857.14	857.14
	Cumulative repayments of Loans upto previous period	285.71	380.95	476.19	571.43	666.67
	Net loan - Opening	571.43	476.19	380.95	285.71	190.48
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	571.43	476.19	380.95	285.71	190.48
	Repayments of Loans during the period	95.24	95.24	95.24	95.24	95.24
	Net loan - Closing	476.19	380.95	285.71	190.48	95.24
	Average Net Loan	285.71	238.10	190.48	142.86	95.24
	Rate of Interest on Loan	8.7333%	8.7333%	8.7333%	8.7333%	8.7333%
	Interest on loan	24.95	20.79	16.63	12.48	8.32
12	Punjab National Bank-IV					
	Gross loan - Opening	857.00	857.00	857.00	857.00	857.00
	Cumulative repayments of Loans upto previous period	190.44	285.66	380.88	476.11	571.33
	Net loan - Opening	666.56	571.34	476.12	380.89	285.67
	Increase/ Decrease due to FERV					
	Increase/ Decrease due to ACE/Drawl during the period					
	Total	666.56	571.34	476.12	380.89	285.67
	Repayments of Loans during the period	95.22	95.22	95.22	95.22	95.22
	Net loan - Closing	571.34	476.12	380.89	285.67	190.45
	Average Net Loan	333.28	285.67	238.06	190.45	142.84
	Rate of Interest on Loan	7.9000%	7.9000%	7.9000%	7.9000%	7.9000%
	Interest on loan	26.33	22.57	18.81	15.05	11.28
	TOTAL LOAN					
	Gross loan - Opening	63978.43	63978.43	63978.43	63978.43	63978.43
	Cumulative repayments of Loans upto previous period	11553.99	17848.26	57954.75	60161.24	60967.73
	Loans for Financing of Repayment	0.00	0.00	0.00	0.00	0.00
	Gross loan - Revised	0.00	0.00	0.00	0.00	0.00
	Cumulative repayments of Loans upto previous period	11553.99	17848.26	57954.75	60161.24	60967.73
	Net loan - Opening	52424.44	46130.17	6023.68	3817.19	3010.70
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00
	Total	52424.44	46130.17	6023.68	3817.19	3010.70
	Repayments of Loans during the period	6294.27	40106.49	2206.49	806.49	806.49
	Net loan - Closing	46130.17	6023.68	3817.19	3010.70	2204.20
	Average Net Loan	26212.22	23065.09	3011.84	1908.59	1505.35
	Rate of Interest on Loan	6.8507%	6.6083%	8.5225%	8.3622%	8.3519%
	Interest on loan	1795.72	1524.20	256.68	159.60	125.73

Name of the Petitioner
Name of the Generating Station

NTPC Ltd
Farakka Super Thermal power Station Stage-III

Statement of Capital cost

(To be given for relevant dates and year wise)

(Amount in Rs. Lakh)

S. No.	Particulars	As on 31.03.2024		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening Gross Block Amount as per books	298955	600	298356
	b) Amount of IDC in A(a) above	43450		43450
	c) Amount of FC in A(a) above	0		0
	d) Amount of FERV in A(a) above	0		0
	e) Amount of Hedging Cost in A(a) above	0		0
	f) Amount of IEDC in A(a) above	7480		7480
B	a) Addition in Gross Block Amount during the period (Direct purchases)			
	b) Amount of IDC in B(a) above			
	c) Amount of FC in B(a) above			
	d) Amount of FERV in B(a) above			
	e) Amount of Hedging Cost in B(a) above			
	f) Amount of IEDC in B(a) above			
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)			
	b) Amount of IDC in C(a) above			
	c) Amount of FC in C(a) above			
	d) Amount of FERV in C(a) above			
	e) Amount of Hedging Cost in C(a) above			
	f) Amount of IEDC in C(a) above			
D	a) Deletion in Gross Block Amount during the period			
	b) Amount of IDC in D(a) above			
	c) Amount of FC in D(a) above			
	d) Amount of FERV in D(a) above			
	e) Amount of Hedging Cost in D(a) above			
	f) Amount of IEDC in D(a) above			
E	a) Closing Gross Block Amount as per books			
	b) Amount of IDC in E(a) above			
	c) Amount of FC in E(a) above			
	d) Amount of FERV in E(a) above			
	e) Amount of Hedging Cost in E(a) above			
	f) Amount of IEDC in E(a) above			

(Petitioner)

Name of the Petitioner
Name of the Generating StationNTPC Ltd
Farakka Super Thermal power Station Stage-IIIStatement of Capital Works in Progress

(Amount in Rs. Lakh)

S. No.	Particulars	As on 31.03.24		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening CWIP as per books	60,404	8,880	51,524
	b) Amount of IDC in A(a) above	0		0
	c) Amount of FC in A(a) above	0		0
	d) Amount of FERV in A(a) above	0		0
	e) Amount of Hedging Cost in A(a) above	0		0
	f) Amount of IEDC in A(a) above	0		0
B	a) Addition in CWIP during the period			
	b) Amount of IDC in B(a) above			
	c) Amount of FC in B(a) above			
	d) Amount of FERV in B(a) above			
	e) Amount of Hedging Cost in B(a) above			
	f) Amount of IEDC in B(a) above			
C	a) Transferred to Gross Block Amount during the period			
	b) Amount of IDC in C(a) above			
	c) Amount of FC in C(a) above			
	d) Amount of FERV in C(a) above			
	e) Amount of Hedging Cost in C(a) above			
	f) Amount of IEDC in C(a) above			
D	a) Deletion in CWIP during the period			
	b) Amount of IDC in D(a) above			
	c) Amount of FC in D(a) above			
	d) Amount of FERV in D(a) above			
	e) Amount of Hedging Cost in D(a) above			
	f) Amount of IEDC in D(a) above			
E	a) Closing CWIP as per books			
	b) Amount of IDC in E(a) above			
	c) Amount of FC in E(a) above			
	d) Amount of FERV in E(a) above			
	e) Amount of Hedging Cost in E(a) above			
	f) Amount of IEDC in E(a) above			
(Petitioner)				

Calculation of Interest on Normative Loan

Name of the Company :		NTPC Limited					
Name of the Power Station :		Farakka Super Thermal power Station Stage-III					
(Amount in Rs Lakh)							
S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8
1	Gross Normative loan – Opening	1,91,252.16	1,94,080.71	1,94,080.71	2,00,615.65	2,06,401.73	2,09,253.80
2	Cumulative repayment of Normative loan up to previous year	1,46,767.15	1,60,876.80	1,75,525.02	1,82,009.66	1,89,213.71	1,96,972.51
3	Net Normative loan – Opening	44,485.01	33,203.91	18,555.69	18,605.99	17,188.03	12,281.29
4	Add: Increase due to addition during the year / period	2934.10	-	6,534.95	5,786.08	2,852.07	880.70
5	Less: Decrease due to de-capitalisation during the year / period	-522.62	0.00	0.00	0.00	0.00	0.00
6	Less: Decrease due to reversal during the year / period						
7	Add: Increase due to discharges during the year / period	417.07	0.00	0.00	0.00	0.00	0.00
8	Net addition in loan during the period (4+5+6+7)	2828.55	0.00	6534.95	5786.08	2852.07	880.70
9	Less: Repayment of Loan	14541.90	14,648.22	6,484.64	7,204.05	7,758.80	8,025.13
10	Repayment adjustment on account of de capitalisation	-432.25					
11	Repayment adjustment on account of discharges/reversals corresponding to un discharged liabilities deducted as on 1.4.2009	-					
12	Net Normative loan - Closing	33,203.91	18,555.69	18,605.99	17,188.03	12,281.29	5,136.86
13	Average Normative loan	38,844.46	25,879.80	18,580.84	17,897.01	14,734.66	8,709.07
14	Weighted average rate of interest	6.9491	6.8507	6.6083	8.5225	8.3622	8.3519
15	Interest on Loan	2699.33	1772.95	1227.88	1525.27	1232.14	727.37

(Petitioner)

Calculation of Interest on Working Capital

Name of the Company :		NTPC Limited					
Name of the Power Station :		Farakka Super Thermal power Station Stage-III					
							(Amount in Rs Lakh)
S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8
1	Cost of Coal/Lignite	34,943.60	12174.23	12174.23	12174.23	12174.23	12174.23
2	Cost of Main Secondary Fuel Oil	355.33	188.57	188.57	188.57	189.09	188.57
3	Fuel Cost						
4	Liquid Fuel Stock						
5	O & M Expenses	1,818.28	2357.85	2446.26	2384.50	2244.72	2335.39
6	Maintenance Spares	4,363.86	5658.85	5871.02	5722.79	5387.33	5604.94
7	Receivables	47,346.77	21889.36	20969.82	21063.23	20902.88	21052.22
8	Total Working Capital	88827.83	42268.86	41649.90	41533.32	40898.25	41355.35
9	Rate of Interest	12.0000	11.9000	11.9000	11.9000	11.9000	11.9000
10	Interest on Working Capital	10659.34	5029.99	4956.34	4942.47	4866.89	4921.29
							Petitioner

S. No.	Month	Unit	Apr-23			May-23			Jun-23		
			Domestic Coal	NTPC Mine Coal	Imported	Domestic Coal	NTPC Mine Coal	Imported	Domestic Coal	NTPC Mine Coal	Imported
A)	OPENING QUANTITY										
1	Opening Quantity of Coal	(MT)	278530.05	9528.73	5636.18	260764.41	18963.75	1922.30	420416.18	10795.48	19018.39
2	Value of Stock	(Rs.)	1146714004	35603675	83681552	1092829008	69817232	27858353	1800605635	39758755	249284728
B)	QUANTITY										
3	Quantity of Coal supplied by Coal Company	(MT)	706607.62	113457.36	37162.44	769194.94	69040.61	66230.56	623605.63	60960.67	7797.60
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	-2284.68	0.00	0.00	-1178.56	0.00	0.00	-298.34	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	706607.62	111172.68	37162.44	769194.94	67862.05	66230.56	623605.63	60662.33	7797.60
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	4457.26	907.66	74.32	4926.17	552.32	132.46	4011.22	487.69	15.60
7	Net Coal Supplied (5-6)	(MT)	702150.36	110265.02	37088.12	764268.77	67309.73	66098.10	619594.41	60174.64	7782.00
C)	PRICE										
8	Amount charged by the Coal Company	(Rs.)	2542384127	268307047	535488565	2862677640	164393254	863723031	2398693581	165636052	81501545
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0	0	0	0	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	26202556	4207247	0	24834573	2229076	0	51808802	5064578	0
11	Total amount Charged (8+9+10)	(Rs.)	2568586683	272514294	535488565	2887512213	166622330	863723031	2450502383	170700630	81501545
D)	TRANSPORTATION										
12	Transportation charges by rail/ship/road transport	(Rs.)	372043885	132916510	0	386568334	81297787	0	291614609	44702093	0
13	Adjustment (+/-) in amount charged made by Railways/Transport	(Rs.)	0	0	0	0	0	0	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0	0	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	22544405	0	0	23216276	0	0	18188643	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	394588290	132916510	0	409784610	81297787	0	309803252	44702093	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	2963174973	405430804	535488565	3297296823	247920117	863723031	2760305635	215402723	81501545
E)	TOTAL COST										
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4190.85	3681.62	14492.23	4282.91	3682.91	13107.56	4385.45	3595.34	12342.59
19	Blending Ratio (Domestic/Imported)		88.89%	7.41%	3.69%	88.55%	6.20%	5.24%	91.94%	5.72%	2.34%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	4533.38			4708.45			4526.39		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		4533.38			4708.45			4526.39		
F)	QUALITY (Stage - I, II, III, & IV)										
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4977	4750	0	5055	4750	0	5228	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	5086	4750	0	5288	4750	0	5300	4750	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			5031			5035			4962
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			5035			4960			4960
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	5031			5185			5234		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	5031			5185			5234		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3771	3524	0	3824	3624	0	4004	3296	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3845	3633	0	4066	3192	0	4137	3476	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			5072			4996			4931
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			4985			4929			4874
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	3852			4009			4066		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	3852			4009			4066		

S. No.	Month	Unit	Jul-23			Aug-23			Sep-23		
			Domestic Coal	NTPC Mine Coal	Imported	Domestic Coal	NTPC Mine Coal	Imported	Domestic Coal	NTPC Mine Coal	Imported
A)	OPENING QUANTITY										
1	Opening Quantity of Coal	(MT)	358109.60	9985.12	1522.40	391291.40	11458.01	22745.19	299426.08	8155.94	29705.42
2	Value of Stock	(Rs.)	1570468530	35899871	18790334	1734217610	42605751	295237024	1358085469	28384739	397927978
B)	QUANTITY										
3	Quantity of Coal supplied by Coal Company	(MT)	644457.18	73932.35	43203.20	509812.96	3889.04	73595.42	477447.16	3731.57	67529.41
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0.00	0.00	0.00	-1539.78	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	644457.18	73932.35	43203.20	509812.96	3889.04	73595.42	475907.38	3731.57	67529.41
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	4254.38	591.46	86.41	3131.28	31.11	147.19	2935.59	29.85	135.06
7	Net Coal Supplied (5-6)	(MT)	640202.80	73340.89	43116.79	506681.68	3857.93	73448.23	472971.79	3701.72	67394.35
C)	PRICE										
8	Amount charged by the Coal Company	(Rs.)	2506374719	204763606	560635058	2067828625	10433748	993351104	1889438746	18330461	928371042
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0	0	0	0	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	28955558	3321792	0	34588842	263856	0	64273049	503962	0
11	Total amount Charged (8+9+10)	(Rs.)	2535330277	208085398	560635058	2102417467	10697604	993351104	1953711795	18834423	928371042
D)	TRANSPORTATION										
12	Transportation charges by rail/ship/road transport	(Rs.)	299368526	65856199	0	223971207	0	0	210364637	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport	(Rs.)	0	0	0	0	0	0	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0	0	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	19385560	0	0	12260929	0	0	19516276	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	318754086	65856199	0	236232137	0	0	229880912	0	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	2854084362	273941597	560635058	2338649603	10697604	993351104	2183592707	18834423	928371042
E)	TOTAL COST										
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4432.03	3718.42	12980.19	4535.62	3480.25	13395.80	4585.30	3982.17	13659.14
19	Blending Ratio (Domestic/Imported)		90.75%	7.11%	2.14%	92.33%	0.67%	6.99%	94.56%	0.67%	4.77%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	4564.28			5147.86			5014.47		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		4564.28			5147.86			5014.47		
F)	QUALITY (Stage - I, II, III, & IV)										
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	5228	4750	0	5269	4750	0	5204	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	5300	4750	0	5155	4750	0	5152	4750	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			4962			5004			5039
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			4960			5050			5050
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	5234			5189			5163		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	5234			5189			5163		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	4083	3441	0	3886	3251	0	3780	3276	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3870	3265	0	3753	3444	0	3902	3622	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			4914			4924			4925
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			4999			4969			4892
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	3942			3888			3902		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	3942			3888			3902		

S. No.	Month	Unit	Oct-23			Nov-23			Dec-23		
			Domestic Coal	NTPC Mine Coal	Imported	Domestic Coal	NTPC Mine Coal	Imported	Domestic Coal	NTPC Mine Coal	Imported
A)	OPENING QUANTITY										
1	Opening Quantity of Coal	(MT)	130175.87	4357.66	21399.77	106433.79	4093.16	671.02	239917.82	4081.79	19692.11
2	Value of Stock	(Rs.)	596897639	17352915	292302425	471148548	15241677	8313282	1076750695	15404322	238226100
B)	QUANTITY										
3	Quantity of Coal supplied by Coal Company	(MT)	664247.18	47818.05	38446.14	762488.62	27053.05	62424.94	828807.41	0.00	49236.93
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	664247.18	47818.05	38446.14	762488.62	27053.05	62424.94	828807.41	0.00	49236.93
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	4235.26	382.54	76.89	4816.58	216.42	124.85	5460.94	0.00	98.47
7	Net Coal Supplied (5-6)	(MT)	660011.92	47435.51	38369.25	757672.04	26836.63	62300.09	823346.47	0.00	49138.46
C)	PRICE										
8	Amount charged by the Coal Company	(Rs.)	2574353375	123570889	448178225	3040576146	69368366	753482252	3251991260	-2159769	612517044
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0	0	0	0	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	9937948	715416	0	22061452	782739	0	46063721	0	0
11	Total amount Charged (8+9+10)	(Rs.)	2584291323	124286305	448178225	3062637598	70151105	753482252	3298054981	-2159769	612517044
D)	TRANSPORTATION										
12	Transportation charges by rail/ship/road transport	(Rs.)	293624309	51222554	0	319332792	31333607	0	472227785	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport	(Rs.)	0	0	0	0	0	0	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0	0	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	23074921	0	0	24987501	0	0	24085704	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	316699230	51222554	0	344320293	31333607	0	496313489	0	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	2900990553	175508859	448178225	3406957891	101484712	753482252	3794368470	-2159769	612517044
E)	TOTAL COST										
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4426.65	3723.69	12389.04	4488.00	3773.91	12097.54	4581.29	3244.79	12359.96
19	Blending Ratio (Domestic/Imported)		96.04%	3.96%	0.00%	88.00%	12.00%	0.00%	100.00%	0.00%	0.00%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	4398.84			4402.33			4581.29		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		4398.84			4402.33			4581.29		
F)	QUALITY (Stage - I, II, III, & IV)										
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	5172	4750	0	5214	4750	0	5302	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	5219	4750	0	5314	4750	0	4932	0	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			5047			5049			5050
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			5050			5050			5050
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	5195			5235			5014		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	5195			5235			5014		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3835	3359	0	3569	3351	0	3774	3278	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3563	3369	0	3807	3314	0	3872	3267	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			4925			4925			4964
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			4929			4975			4991
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	3584			3723			3850		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	3584			3723			3850		

S. No.	Month	Unit	Jan-24			Feb-24			Mar-24		
			Domestic Coal	NTPC Mine Coal	Imported	Domestic Coal	NTPC Mine Coal	Imported	Domestic Coal	NTPC Mine Coal	Imported
A)	OPENING QUANTITY										
1	Opening Quantity of Coal	(MT)	471094.30	4081.79	0.00	626804.46	4081.79	1207.22	716177.38	7579.18	10822.42
2	Value of Stock	(Rs.)	2158216665	13244553	0	2914286700	13244553	14904160	3324427118	21999185	136805103
B)	QUANTITY										
3	Quantity of Coal supplied by Coal Company	(MT)	820725.45	0.00	30384.99	594022.57	3525.60	92798.80	850772.73	0.00	27172.60
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0.00	0.00	0.00	-3448.82	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	820725.45	0.00	30384.99	594022.57	3525.60	92798.80	847323.91	0.00	27172.60
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	5481.28	0.00	60.77	3818.65	28.20	185.60	5305.59	0.00	54.35
7	Net Coal Supplied (5-6)	(MT)	815244.17	0.00	30324.22	590203.92	3497.40	92613.20	842018.32	0.00	27118.25
C)	PRICE										
8	Amount charged by the Coal Company	(Rs.)	3383309940	0	374378537	2425800029	8620725	1171070195	3726667101	4002224	296675647
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0	0	0	0	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	22385661	0	0	22561688	133907	0	65015723	0	0
11	Total amount Charged (8+9+10)	(Rs.)	3405695601	0	374378537	2448361717	8754632	1171070195	3791682824	4002224	296675647
D)	TRANSPORTATION										
12	Transportation charges by rail/ship/road transport	(Rs.)	416831600	0	0	278560342	0	0	345890117	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport	(Rs.)	0	0	0	0	0	0	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0	0	0	0	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	0	0	0	8025778	0	0	36282382	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	416831600	0	0	286586120	0	0	382172499	0	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	3822527200	0	374378537	2734947837	8754632	1171070195	4173855323	4002224	296675647
E)	TOTAL COST										
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4649.43	3244.79	12345.86	4641.90	2902.58	12640.90	4812.16	3430.63	11425.22
19	Blending Ratio (Domestic/Imported)		100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	96.47%	0.26%	3.26%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	4649.43			4641.90			5024.44		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		4649.43			4641.90			5024.44		
F)	QUALITY (Stage - I, II, III, & IV)										
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	5014	4750	0	4962	4750	0	4962	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4932	0	0	6127	4750	0	6169	4750	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			5050			5081			5081
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			5082			5060			5024
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	4962			5528			5602		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	4962			5528			5602		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3824	3278	0	3964	3278	0	4026	3496	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	4063	0	0	4018	3718	0	3909	3750	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			4980			5079			4990
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			5037			4993			5025
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	3978			4026			3995		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	3978			4026			3995		

S. No.	Month	Unit	Apr-23			May-23			Jun-23		
			HFO	LDO	LSHS	HFO	LDO	LSHS	HFO	LDO	LSHS
A) OPENING QUANTITY											
1	Opening Stock of Oil	(KL)	4125.99	96.94	0.00	3685.99	96.94	0.00	2785.99	96.94	2939.49
2	Value of Opening Stock	(Rs.)	260348625.27	5716011.00	0.00	232584761.84	5716011.00	0.00	175795041.18	5716011.00	171464368.00
B) QUANTITY											
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00	0.00	0.00	2939.49	0.00	0.00	0.00
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	0.00	0.00	0.00	2939.49	0.00	0.00	0.00
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	0.00	0.00	0.00	2939.49	0.00	0.00	0.00
C) PRICE											
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00	0.00	0.00	171464368.00	0.00	0.00	0.00
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	0.00	0.00	0.00	171464368.00	0.00	0.00	0.00
D) TRANSPORTATION											
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	0.00	0.00	0.00	0.00	0.00	171464368.00	0.00	0.00	0.00
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	63099.690	58964.421	0.000	63099.690	58964.421	58331.253	63099.690	58964.421	58331.253
			Stage I & II			Stage I & II			Stage I & II		
19	Blending Ratio		1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	63099.69			63099.69			58331.25		
E) QUALITY											
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9760			9750			9740		
			Stage III			Stage III			Stage III		
19	Blending Ratio		1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	63099.69			63099.69			58331.25		
E) QUALITY											
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9760			9750			9740		

S. No.	Month	Unit	Jul-23			Aug-23			Sep-23		
			HFO	LDO	LSHS	HFO	LDO	LSHS	HFO	LDO	LSHS
A) OPENING QUANTITY											
1	Opening Stock of Oil	(KL)	2785.99	96.94	2330.49	2785.99	96.94	3868.78	2785.99	96.94	3202.78
2	Value of Opening Stock	(Rs.)	175795041.18	5716011.00	135940634.97	175795041.18	5716011.00	224910748.53	175795041.18	5716011.00	186193012.28
B) QUANTITY											
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	2767.29	0.00	0.00	0.00	0.00	0.00	2676.00
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	2767.29	0.00	0.00	0.00	0.00	0.00	2676.00
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	2767.29	0.00	0.00	0.00	0.00	0.00	2676.00
C) PRICE											
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00	160417707.94	0.00	0.00	0.00	0.00	0.00	182196884.39
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	160417707.94	0.00	0.00	0.00	0.00	0.00	182196884.39
D) TRANSPORTATION											
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	0.00	0.00	160417707.94	0.00	0.00	0.00	0.00	0.00	182196884.39
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	63099.690	58964.421	58134.739	63099.690	58964.421	58134.739	63099.690	58964.421	62664.334
			Stage I & II			Stage I & II			Stage I & II		
19	Blending Ratio		0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	58134.74			58134.74			62664.33		
E) QUALITY											
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9780			9820			9740		
			Stage III			Stage III			Stage III		
19	Blending Ratio		0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	58134.74			58134.74			62664.33		
E) QUALITY											
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9780			9820			9740		

S. No.	Month	Unit	Oct-23			Nov-23			Dec-23		
			HFO	LDO	LSHS	HFO	LDO	LSHS	HFO	LDO	LSHS
A) OPENING QUANTITY											
1	Opening Stock of Oil	(KL)	2785.99	96.94	4100.78	2785.99	96.94	1963.78	2785.99	96.94	1021.78
2	Value of Opening Stock	(Rs.)	175795041.18	5716011.00	256972710.65	175795041.18	5716011.00	123059028.68	175795041.18	5716011.00	64029225.96
B) QUANTITY											
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C) PRICE											
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D) TRANSPORTATION											
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	63099.690	58964.421	62664.334	63099.690	58964.421	62664.334	63099.690	58964.421	62664.334
			Stage I & II			Stage I & II			Stage I & II		
19	Blending Ratio		0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	62664.33			62664.33			62664.33		
E) QUALITY											
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9740			9740			9790		
			Stage III			Stage III			Stage III		
19	Blending Ratio		0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	62664.33			62664.33			62664.33		
E) QUALITY											
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9740			9740			9790		

S. No.	Month	Unit	Jan-24			Feb-24			Mar-24		
			HFO	LDO	LSHS	HFO	LDO	LSHS	HFO	LDO	LSHS
A) OPENING QUANTITY											
1	Opening Stock of Oil	(KL)	2785.99	96.94	560.20	2785.99	96.94	2909.65	2785.99	96.94	2451.69
2	Value of Opening Stock	(Rs.)	175795041.18	5716011.00	35104371.97	175795041.18	5716011.00	172545343.06	175795041.18	5716011.00	145387864.78
B) QUANTITY											
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	2768.90	0.00	0.00	0.00	0.00	0.00	0.00
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	2768.90	0.00	0.00	0.00	0.00	0.00	0.00
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	2768.90	0.00	0.00	0.00	0.00	0.00	0.00
C) PRICE											
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00	162314175.50	0.00	0.00	0.00	30476019.00	0.00	0.00
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	162314175.50	0.00	0.00	0.00	30476019.00	0.00	0.00
D) TRANSPORTATION											
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	0.00	0.00	162314175.50	0.00	0.00	0.00	30476019.00	0.00	0.00
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	63099.690	58964.421	59300.983	63099.690	58964.421	59300.983	74038.720	58964.421	59300.983
			Stage I & II			Stage I & II			Stage I & II		
19	Blending Ratio		0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	59300.98			59300.98			59300.98		
E) QUALITY											
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9770			9770			9770		
			Stage III			Stage III			Stage III		
19	Blending Ratio		0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	59300.98			59300.98			59300.98		
E) QUALITY											
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9770			9770			9770		

Computation of Energy Charges

**Form-OI
ADDITIONAL FORM**

Name of the Company	NTPC Limited
Name of the Power Station	Farakka Super Thermal power Station Stage-III

Computation of Energy Charges		2024-25	2025-26	2026-27	2027-28	2028-29
1	Rate of Energy Charge from Sec. Fuel Oil/ Alternate Fuel (p/kwh) $(REC)_s = (Q_s)_n \times P_s$	3.039				
2	Heat Contribution from SFO / Alternate Fuel $(H_s) = (Q_s)_n \times (GCV)_s$	4.882				
3	Heat Contribution from coal $(H_p)_s = GHR - H_s$	2431.74				
4	Specific Primary Fuel Consumption $(Q_p)_n = H_p / (GCV)_p$	0.637				
5	Rate of Energy charge from Primary Fuel (p/kwh) $(REC)_p$	298.388				
6	Rate of Energy charge ex-bus (p/kWh) $(REC) = ((REC)_s + (REC)_p) / (1 - (AUX))$	323.420				

		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	0.5	0.5	0.5	0.5	0.5
Auxiliary consumption	%	6.300	6.425	6.675	6.800	6.800
Heat Rate	Kcal/Kwh	2,436.62	2,436.62	2,436.62	2,436.62	2436.62

Computation of Variable Charges

Variable Charge (Coal)	p/kwh	318.450	318.876	319.730	320.159	320.159
Variable Charge (Oil)	p/kwh	3.243	3.248	3.256	3.261	3.261
Total	p/kwh	321.694	322.123	322.986	323.420	323.420

Price of fuel from Form-15/15A

Coal Cost	(Rs./MT)	4682.76	4682.76	4682.76	4682.76	4682.76
Oil Cost	(Rs./KL)	60780.03	60780.03	60780.03	60780.03	60780.03

Computation of Fuel Expenses for Calculation of IWC:

ESO in a year	(MUs)	3488.45	3483.80	3474.49	3479.34	3469.836
ESO for 40 days	(MUs)	382.296	381.786	380.77	380.26	380.256
Cost of coal for 50 Days	(Rs. Lakh)	12174.23	12174.23	12174.23	12174.23	12174.23
Cost of oil for 2 months	(Rs. Lakh)	188.57	188.57	188.57	189.09	188.57
Energy Expenses for 45 days	(Rs. Lakh)	13835.50	13835.50	13835.50	13835.50	13835.50

Coal				Wtd. Avg.
Wtd. Avg. Price of Coal			Rs./MT	4682.76
Wtd. Avg. GCV of Coal as received			kCal/Kg	3901.25
Wtd. Avg. GCV of Coal as received after adjustment of 85 kcal/kg				3816.25
Sec. Oil				
Wtd. Avg. Price of Secondary Fuel			Rs/KL	60780.03
Wtd. Avg. GCV of Secondary Fuel			kCal/L	9764.17

PETITIONER

Summary of issue involved in the petition

Name of the Company :		NTPC Limited
Name of the Power Station :		Farakka Super Thermal power Station Stage-III
1	Petitioner:	NTPC Limited
2	Subject	Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of Farakka Super Thermal Power Station Stage-III (500 MW) for the period from 01.04.2019 to 31.03.2024
3	Prayer:	<p>i) Approve tariff of Farakka Super Thermal Power Station Stage-III (500 MW) for the tariff period 01.04.2024 to 31.03.2029.</p> <p>ii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expense from the beneficiaries.</p> <p>iii) Allow reimbursement of Ash Transportation Charges directly from the beneficiaries on monthly basis, subject to true up.</p> <p>iv) Allow the recovery of pay/wage revision as additional O&M over and above the normative O&M.</p> <p>v) Consider station heat rate based on design heat rate with applicable operating margin.</p> <p>vi) Pass any other order as it may deem fit in the circumstances mentioned above.</p>
4	Respondents:	As per Petition
Name of Respondents		
a.		
b.		
c.		
5	Project Scope	
	Cost	
	Commissioning	
	Claim	
	AFC	
	Capital cost	
	Initial spare	
	NAPAF (Gen)	85%
	Any Specific	

WEIGHTED AVERAGE RATE OF INTEREST

BP No.	BANK	RATE OF INTEREST	From	To
5050000721	Corporation Bank-IV	8.10%	11-Jan-24	31-Mar-24
5050000741	State Bank of India - XII	8.20%	11-Jan-24	31-Mar-24
5050000442	State Bank of India - VIII	8.20%	14-Feb-24	31-Mar-24
5050000711	PNB-IV	7.90%	01-Apr-23	31-Mar-24

Farakka STPS Stage-III									
Year wise Prepayment of Loans									
(Rs. Lakhs)									
Sr. No.	Bank	ROI on prepayment date	Date of Prepayment	Replaced with Bank	ROI of replaced Loan	Prepayment Amount	Benefit(%)	Benefit(%) Share	
Prepayment of Loans in 2016-17									
1	Oriental Bank of Commerce-I	8.60%	14-Feb-17	SBI VIII	8.00%	571.43	0.60%	0.20%	
2	Punjab & Sind Bank-I	9.60%	14-Feb-17	SBI VIII	8.00%	857.14	1.60%	0.53%	
						1428.57			
3	Allahabad Bank-III	9.55%	20-Dec-16	ICICI V	8.80%	1142.86	0.75%	0.25%	
Prepayment of Loans during 2018-19									
	ICICI-V	8.60%	11-Jan-19	Corporation Bank	8.20%	1142.86	0.40%	0.13%	
	IDFC Bank-II	8.65%	18-Feb-19	SBI-XII	8.35%	2450.00	0.30%	0.10%	
Prepayment of Loans during 2020-21									
	Power Finance Corporation V T1D33	7.83%	15-Oct-20	Bonds Series 72	5.48%	8187.50	2.35%	1.18%	
	Power Finance Corporation V T1D34	8.17%	15-Oct-20	Bonds Series 72	5.48%	1437.50	2.69%	1.35%	
	Power Finance Corporation V T1D31	7.44%	15-Oct-20	Bonds Series 72	5.48%	3000.00	1.96%	0.98%	
	Power Finance Corporation V T1D32	7.68%	15-Oct-20	Bonds Series 72	5.48%	2625.00	2.20%	1.10%	
	Power Finance Corporation V T1D38	8.23%	15-Oct-20	Bonds Series 72	5.48%	2812.50	2.75%	1.38%	
	Power Finance Corporation V T1D29	7.31%	15-Oct-20	Bonds Series 72	5.48%	5625.00	1.83%	0.92%	
							Weighted Average (%) sharing		1.1143%

Petitioner

APPENDIX-IA

SUPPLEMENTARY TARIFF FILING FORMS (THERMAL)

FOR DETERMINATION OF SUPPLEMENTARY TARIFF OF

Farakka Super Thermal power Station Stage-III

(For ECS- DeNOx System for 2024-29 Period)

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

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

PART-I

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

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

Summary of Supplementary Tariff (DeNOx System)

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Farakka Super Thermal power Station Stage-III

Amount in Rs. Lakhs

S. No.	Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	5	5	5	6
1.1	Depreciation	Rs Lakh	39.37	39.37	39.37	39.37	39.37	39.37
1.2	Interest on Loan	Rs Lakh	36.69	33.68	30.67	27.66	24.65	21.64
1.3	Return on Equity	Rs Lakh	32.53	32.93	32.93	32.93	32.93	32.93
1.4	Interest on Working Capital	Rs Lakh	3.57	2.47	2.47	2.47	2.47	2.48
1.5	O&M Expenses	Rs Lakh	16.27	17.12	18.02	18.97	19.96	21.01
	Total	Rs Lakh	128.43	125.58	123.46	121.40	119.38	117.43

(Petitioner)

Name of the Petitioner: NTPC Limited
Name of the Generating Station: Farakka Super Thermal power Station Stage-III

Amount in Rs. Lakhs

Statement showing claimed capital cost

S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	3	4	5	5	5
1	Opening Capital Cost	745.65	745.65	745.65	745.65	745.65	745.65
2	Add: Addition during the year/period	-	-	-	-	-	-
3	Less: De-capitalisation during the year/period	-	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-	-
5	Add: Discharges during the year/ period	-	-	-	-	-	-
6	Closing Capital Cost	745.65	745.65	745.65	745.65	745.65	745.65
7	Average Capital Cost	745.65	745.65	745.65	745.65	745.65	745.65

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

S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	3	4	5	5	5
1	Opening Capital Cost	-	-	-	-	-	-
2	Add: Addition during the year / period	-	-	-	-	-	-
3	Less: De-capitalisation during the year / period	-	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-	-
5	Add: Discharges during the year / period	-	-	-	-	-	-
6	Closing Capital Cost	0.00	0.00	0.00	0.00	0.00	0.00
7	Average Capital Cost	0.00	0.00	0.00	0.00	0.00	0.00

Statement showing claimed capital cost eligible for RoE at rate linked to SBI MCLR (B)

S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	3	4	5	5	5
1	Opening Capital Cost	745.65	745.65	745.65	745.65	745.65	745.65
2	Add: Addition during the year / period	-	-	-	-	-	-
3	Less: De-capitalisation during the year / period	-	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-	-
5	Add: Discharges during the year / period	-	-	-	-	-	-
6	Closing Capital Cost	745.65	745.65	745.65	745.65	745.65	745.65
7	Average Capital Cost	745.65	745.65	745.65	745.65	745.65	745.65

(Petitioner)

Statement showing Return on Equity at Normal Rate

Name of the Petitioner:

NTPC Limited

Name of the Generating Station:

Farakka Super Thermal power Station Stage-III

Amount in Rs. Lakhs

S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	3			4	5
	Return on Equity						
1	Gross Opening Equity (Normal)	223.69	223.69	223.69	223.69	223.69	223.69
2	Less: Adjustment in Opening Equity						
3	Adjustment during the year						
4	Net Opening Equity (Normal)	223.69	223.69	223.69	223.69	223.69	223.69
5	Add: Increase in equity due to addition during the year / period	-	-	-	-	-	-
7	Less: Decrease due to De-capitalisation during the year / period	-	-	-	-	-	-
8	Less: Decrease due to reversal during the year / period	-	-	-	-	-	-
9	Add: Increase due to discharges during the year / period	-	-	-	-	-	-
10	Net closing Equity (Normal)	223.69	223.69	223.69	223.69	223.69	223.69
11	Average Equity (Normal)	223.69	223.69	223.69	223.69	223.69	223.69
12	Rate of ROE (%)	14.722%	14.722%	14.722%	14.722%	14.722%	14.722%
13	Total ROE	32.93	32.93	32.93	32.93	32.93	32.93

(Petitioner)

Plant Characteristics

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Farakka Super Thermal power Station Stage-III
Name of the Generating Station	Farakka STPS, Stage-III (1x500 MW)
Unit(s)/Block(s)/Parameters	1x500 MW
Installed Capacity (MW)-Coal Based	500 MW
Actual COD (of CMS)	03.09.2022
Type of System	Combustion Modification System (CM System)
Name of CM Manufacturer	M/s BHEL
Special Technological Features	
Any other special features	Low NOX concentric firing system (LNCFS) with Bypass Over Fire Air (BOFA) dampers
Nox Control (Combustion Modification System)	Less than the 400mg/Nm ³ @6% O ₂ dry basis at ID Fan outlet.
(PETITIONER)	

Normative parameters considered for supplementary tariff computations

Name of the Petitioner:		NTPC Limited					
Name of the Generating Station:		Farakka Super Thermal power Station Stage-III					
(Year Ending March)							
Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	6	6	6	6	6	6
Base Rate of Return on Equity	%	12.00%	12.15%	12.15%	12.15%	12.15%	12.15%
Effective Tax Rate	%	17.472%	17.472%	17.472%	17.472%	17.472%	17.472%
Target Availability							
Peak Hours		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Off-Peak Hours		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Auxiliary Energy Consumption	%	6.25	5.75	5.75	5.75	5.75	5.75
Auxiliary Energy Consumption for emission control system (Design)	%	Nil	Nil	Nil	Nil	Nil	Nil
Rate of Interest on Working Capital	%	12.00%	11.90%	11.90%	11.90%	11.90%	11.90%
O&M Expenses	% of Cap Cost	2	2	2	2	2	2
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
Units	Date from which tariff is claimed						
Commissioning Date of CMS: 03.09.2022							

Petitioner

Calculation of O&M Expenses

Name of the Company :	NTPC Limited
Name of the Power Station :	Farakka Super Thermal power Station Stage-III

Amount in Rs. Lakhs

S.No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8
1	O&M expenses under Reg.36(1)(9)						
1a	Normative O&M expenses- ECS	16.27	17.12	18.02	18.97	19.96	21.01
	Total O&M Expenses	16.27	17.12	18.02	18.97	19.96	21.01

(Petitioner)

						PART-I
						FORM- 9A
						Additional Form
<u>Year wise Statement of Additional Capitalisation after COD</u>						
Name of the Petitioner				NTPC Limited		
Name of the Generating Station				Farakka Super Thermal power Station Stage-III		
For Financial Year				2024-29 Summary		
						Amount in Rs Lakh
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				
		2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Combustion Modification System Unit 1	-	-	-	-	-
Total Add Cap		-	-	-	-	-
2	Discharge of Liabilities	-	-	-	-	-
Total Add. Cap. Claimed including discharge of liabilities		-	-	-	-	-
						(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Farakka Super Thermal power Station Stage-III
For Financial Year	2024-25

Amount in Rs Lakh

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note-2 of BS	IND AS Adj	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3A	3B	3	4	5= (3-4)	6	7	8	9
1	NA	-	-	-	-	-	-	NA	NA	Nil
	Total			-	-	-	-			

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Farakka Super Thermal power Station Stage-III
For Financial Year	2025-26

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note-2 of BS	IND AS Adj	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3A	3B	3	4	5= (3-4)	6	7	8	9
1	NA	-	-	-	-	-	-	NA	NA	Nil
	Total			-	-	-	-			

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Farakka Super Thermal power Station Stage-III
For Financial Year	2026-27

Amount in Rs Lakh

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note-2 of BS	IND AS Adj	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3A	3B	3	4	5= (3-4)	6	7	8	9
1	NA	-	-	-	-	-	-	NA	NA	Nil
	Total			-	-	-	-			

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Farakka Super Thermal power Station Stage-III
For Financial Year	2027-28

Amount in Rs Lakh

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note-2 of BS	IND AS Adj	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3A	3B	3	4	5= (3-4)	6	7	8	9
1	NA	-	-	-	-	-	-	NA	NA	Nil
	Total			-	-	-	-			

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Farakka Super Thermal power Station Stage-III
For Financial Year	2028-29

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per Note-2 of BS	IND AS Adj	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3A	3B	3	4	5= (3-4)	6	7	8	9
1	NA	-	-	-	-	-	-	NA	NA	Nil
	Total			-	-	-	-			

(Petitioner)

Calculation of Depreciation

Name of the Petitioner		NTPC Limited		
Name of the Generating Station		Farakka Super Thermal power Station Stage-III		
				Amount in Rs Lakh
Sl.No.	Name of the Assets ¹	Depreciation Rates as per CERC's Depreciation Rate Schedule	Gross Block as on 01.04.2024	Depreciation
1	Plant & Machinery	5.28%	785.88	41.49
	Total		785.88	41.49
	Weighted Average Rate of Depreciation (%)			5.28%

Statement of Depreciation

Name of the Company : NTPC Limited
Name of the Power Station : Farakka Super Thermal power Station Stage-III

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	6	6	6	6	6	6
	No of Days in the period	366	366	366	366	366	366
	No of Days in the year	366	366	366	366	366	366
1	Opening Capital Cost	745.65	745.65	745.65	745.65	745.65	745.65
2	Closing Capital Cost	745.65	745.65	745.65	745.65	745.65	745.65
3	Average Capital Cost	745.65	745.65	745.65	745.65	745.65	745.65
1a	Cost of IT Equipments & Software included in (1) above*	-	-	-	-	-	-
2a	Cost of IT Equipments & Software included in (2) above*	-	-	-	-	-	-
3a	Average Cost of IT Equipments & Software*	-	-	-	-	-	-
4	Freehold land	-	-	-	-	-	-
5	Rate of depreciation (%)	5.28%	5.28%	5.28%	5.28%	5.28%	5.28%
6	Depreciable value	671.08	671.08	671.08	671.08	671.08	671.08
7.	Balance useful life for depreciation calculation						
8	Remaining depreciable value	671.08	631.71	592.34	552.97	513.60	474.23
9	Depreciation (for the period)	39.37	39.37	39.37	39.37	39.37	39.37
10	Depreciation (annualised)	39.37	39.37	39.37	39.37	39.37	39.37
11	Cumulative depreciation at the end of the period	39.37	78.74	118.11	157.48	196.85	236.22
12	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009	-	-	-	-	-	-
13	Add: Cumulative depreciation adjustment on account of liability Discharge	-	-	-	-	-	-
14	Less: Cumulative depreciation adjustment on account of de-capitalisation	-	-	-	-	-	-
12	Net Cumulative depreciation at the end of the period after adjustments	39.37	78.74	118.11	157.48	196.85	236.22

(Petitioner)

							PART-I
							FORM-N
Calculation of Interest on Normative Loan							
Name of the Company :			NTPC Limited				
Name of the Power Station :			Farakka Super Thermal power Station Stage-III				
(Amount in Rs Lakh)							
S. No.	Particulars	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3		6	6	5	6
1	Gross Normative loan – Opening	521.95	521.95	521.95	521.95	521.95	521.95
2	Cumulative repayment of Normative loan up to previous year	22.54	61.91	101.28	140.65	180.02	219.39
3	Net Normative loan – Opening	499.41	460.04	420.67	381.30	341.93	302.56
4	Add: Increase due to addition during the year / period		-	-	-	-	-
5	Less: Decrease due to de-capitalisation during the year / period		-	-	-	-	-
6	Less: Decrease due to reversal during the year / period		-	-	-	-	-
7	Add: Increase due to discharges during the year / period		-	-	-	-	-
8	Less: Repayment of Loan	39.37	39.37	39.37	39.37	39.37	39.37
9	Net Normative loan - Closing	460.04	420.67	381.30	341.93	302.56	263.19
10	Average Normative loan	479.72	440.35	400.98	361.61	322.24	282.87
11	Weighted average rate of interest	7.6487%	7.6487%	7.6487%	7.6487%	7.6487%	7.6487%
12	Interest on Loan	36.69	33.68	30.67	27.66	24.65	21.64
(Petitioner)							

Calculation of Interest on Working Capital

Name of the Company : NTPC Limited

Name of the Power Station : Farakka Super Thermal power Station Stage-III

(Amount in Rs Lakh)

S. No.	Particulars		Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	2		4	4	5	6	6	6
	No of days		366	365	365	365	366	365
1	Cost of Limestone/Reagent toward stock	20 days	-	-	-	-	-	-
2	Cost of Limestone/Reagent toward generation	30 days	-	-	-	-	-	-
3	Receivables	45 days	15.79	15.48	15.22	14.97	14.68	14.48
4	O & M Expenses	1 month	1.36	1.43	1.50	1.58	1.66	1.75
5	Maintenance Spares	@20%	3.25	3.42	3.60	3.79	3.99	4.20
6	Total Working Capital	Rs. Lakh	20.40	20.33	20.33	20.34	20.33	20.43
7	Rate of Interest	%	12.00%	12.15%	12.15%	12.15%	12.15%	12.15%
8	Interest on Working Capital	Rs. Lakh	2.45	2.47	2.47	2.47	2.47	2.48

Petitioner

Petitioner

Petitioner

Name of the Company	NTPC Limited
Name of the Power Station	Farakka Super Thermal power Station Stage-III

(Amount in Rs Lakh)

SN	Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
1	Auxiliary consumption	%	6.25	5.75	5.75	5.75	5.75	5.75
2	Additional Auxiliary Power Consumption (ECS)	%	0.00	0.00	0.00	0.00	0.00	0.00
3	Specific Reagent Consumption (kg/kwh)	kg/kwh						
4	Landed Cost of Reagent (Rs/MT)	Rs/MT	-	-	-	-	-	-
5	Supplementary Energy Charge (Rs/kwh)	Rs/kwh	-	-	-	-	-	-
6	Installed Capacity	MW	500	500	500	500	500	500
7	No of Days in the year	Days	365	365	365	365	365	366
8	ESO in 1 Day	MU	9.56	9.61	9.61	9.61	9.61	9.61
9	Cost of Reagent consumed in a day	Rs Lakh	-	-	-	-	-	-

PETITIONER

Annexure-A

Form-I

Particulars	
1. Name of the Petitioner/Applicant	NTPC Limited
2. 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)
5. Details of generation assets 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)
6. Details of transmission assets a) Transmission line and sub-stations 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.
8. 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.

11. 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 a) Expected/Actual transmission charge b) Period c) Amount of fee calculated as a percentage of transmission charge. d) Surcharge, if any	N.A.
15. Annual Registration Charge for Power Exchange a) Period b) Amount of turnover c) Fee paid d) Surcharge, if any	N.A.
16. Details of fee remitted a) Transaction id/ Reference-No./ Payment-id b) Date of remittance c) Amount remitted	37c568eba62158b7b321 24.04.2024 Rs. 256553700.00/-
Note: While Sl. Nos. 1 to 3 and 16 are compulsory, the rest may be filled up as applicable	
Signature of the authorized signatory with date	

[Handwritten Signature]

Dt. 27.04.2024

HARSHIT SHARMA
Sr. Manager (Commercial)
NTPC Limited
Sector-24, NOIDA-201301 (U.P.)

CERC Filing Fees For FY 2024-25 For NTPC Stations

Annexure - I

S.No	Region	Station Name	Capacity as on 01.04.2024 (in MW)	Filing fees for 2024-25 (in Rs.) Rounded off to nearest hundred as per CERC Regulation
1	NR	Feroze Gandhi Unchahar Thermal Power Station-I	420	18,48,000
2	NR	Feroze Gandhi Unchahar Thermal Power Station-II	420	18,48,000
3	NR	Feroze Gandhi Unchahar Thermal Power Station-III	210	9,24,000
4	NR	Feroze Gandhi Unchahar Thermal Power Station-IV	500	22,00,000
5	NR	National capital Power Project Dadri Stage-I	840	36,96,000
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	Kahalgaoon Super Thermal Power Station Stage-I	840	36,96,000
20	ER	Kahalgaoon Super Thermal Power Station Stage-II	1500	66,00,000
21	ER	Bongaigaon TPS	750	33,00,000
22	ER	Barh Super Thermal Power Station-I	1320	58,08,000
23	ER	Barh Super Thermal 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	Darlipali 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 Stage-I	1980	87,12,000

CERC Filing Fees For FY 2024-25 For NTPC Stations

Annexure -

S.No	Region	Station Name	Capacity as on 01.04.2024 (in MW)	Filing fees for 2024-25 (in Rs.) Rounded off to nearest hundred as per CERC Regulation
35	WR	Sipal Super Thermal Power Project Stage-II	1000	44,00,000
36	WR	Vindhyachal Super Thermal Power Station-I	1260	55,44,000
37	WR	Vindhyachal Super Thermal Power Station-II	1000	44,00,000
38	WR	Vindhyachal Super Thermal Power Station-III	1000	44,00,000
39	WR	Vindhyachal Super Thermal Power Station-IV	1000	44,00,000
40	WR	Vindhyachal Super Thermal Power Station-V	500	22,00,000
41	WR	Mouda Super Thermal Power Station I	1000	44,00,000
42	WR	Mouda Super Thermal Power Station II	1320	58,08,000
43	WR	Solapur Super Thermal Power Station	1320	58,08,000
44	WR	Gadarwara Super Thermal Power Station	1600	70,40,000
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 STPS Stage- 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
TOTAL			58307.646	25,65,53,700

AS Pandey

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

H. Sharma

13/04/2024

हरषित शर्मा / HARSHIT SHARMA
वरिष्ठ प्रबंधक (वाणिज्यिक)
Sr. Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC Limited
Floor 7, SA, Sector-24, Noida-201301 (UP)

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
Tariff Generating Station(GT)

Dated : Apr 24, 2024, 2:56 PM

Fee Mode: NB

Fee Period: 2024-25

**Petitioner/ Organisation
Name:** NTPC Limited

Annexure-B



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.

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-I 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).
2. GM/ Const/NFR, CAO/CE (Const)/All Indian Railways.
3. PED/A, PED/CE/Planning, PED/EE (Development), EDME/Freight and ED/Signal
4. ACI(Comp), ACIII (6 copies), ACI V, Code revision, Accounts Inspection, Accounts Appropriation, Finance (Budget).
- 5 Advisor/MR, OSD/MR, OSD/Co-ord/MR, Additional PS/MR

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

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

1. Replace the existing class of assets and their average life in the table given under Para 219 Indian Railway Finance Code —Volume -I (1998) as under.
2. Codal life of other items not covered in the ACS will remain as per extant instructions for those items

(iii) ELECTRICAL ASSETS

S.No	Class of Assets	Average life	Remarks	
14	Water Cooler, Refrigeration, Air Conditioner, hospital and domestic appliance	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.

11) TRD Equipments				
iii)	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 & components – For Normal Zone			
	b) Other than fixed structures			
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

Group 2

ii)	Isolators/ATD	(a) Isolators	30	Actual replacement shall be based on condition of the asset
		(b) ATD	32	Actual replacement shall be based on condition of the asset
c)	Wires			
ii)	Contact Wire		45	Actual replacement shall be based on condition of the asset
xiii)	OHE conductors & components – For Polluted Zone**			
	<i>** Definition of Polluted Zone for item xiii under OHE Conductors & components (for polluted zone)- Zones having ESDD (Equivalent Salt Deposit Density) >0.3 should be considered as polluted zone.</i>			
i	Cantilever assembly and All type of insulators	Cantilever assembly	45	Actual replacement shall be based on condition of the asset
		Insulators:		
		Composite	25	Actual replacement shall be based on condition of the asset
ii	ATD		24	Actual replacement shall be based on condition of the asset
iii	Contact Wire	(a) Silver brazed / ERBW	40 years / on the basis of condemning dia. whichever is earlier	Actual replacement shall be based on condition of the asset
		(b) Continuous Cast (CC) type	45years/on the basis of condemning dia. whichever is earlier	
xiv)	PSI Equipments			
(a)	Substation's Equipments			
iii)	Fixed capacitor bank		20	Actual replacement shall be based on condition of the asset

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(IV) MECHANICAL ASSET

S.No.	Class of Assets	Average life in years	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 be 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	Air compressors	20	Actual replacement shall be based on condition of the asset
10	Other miscellaneous machines e.g. light cleaning machines, test equipment in loco sheds, workshops, depot & sick lines	Deleted	
11	(i) Construction Machinery equipment	Deleted	
	(ii) Track maintenance Equipment		
	(a) Tamping, Ballast cleaning & handling, DTS and relaying machines	20	Actual replacement shall be based on condition of the asset
	(b) Material handling machines	25	Actual replacement shall be based on condition of the asset
	(c) Rail Grinding Machines	15	Actual replacement shall be based on condition of the asset

[Handwritten signature]

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	20	Actual replacement shall be based on condition of the asset
	(ii) other earth moving equipment	Deleted.	
24	Motor Boats	15	Actual replacement shall be based on condition of the asset
25	Hydraulic Re-railing Equipment	16	Actual replacement shall be based on condition of the asset
ROAD VEHICLES			
26	Staff cars including Jeeps	7	Actual replacement shall be based on condition of the asset



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

[Handwritten Signature]

(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		
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 asset
42	All other types of Bogie wagons with air brakes and Casnub 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
b)	All other wagons	35	Actual replacement shall be based on condition of the asset
43	Open Wagons with vacuum brakes and UIC bogies	Deleted	
44	Other Wagons with vacuum brakes and UIC bogies	Deleted	
45	4-wheeler wagons (open and covered)	Deleted	
46	4-wheeler tank Wagons (with plain bearings)	Deleted	
47	4-wheeler tank wagons (with roller bearings)	Deleted	

Basu

(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)



12/07
1700 - 209.82
17,473.50

05-11.86

Annexure-C

General Manager
Irrigation Project - Farakka

Water charges for consumptive use of FSTPP

Your No. Genl/W₁-25/NTPC(IV)/1831 dt. 7.3.86
Minutes of meeting held on 23.10.86 between
FSTPP/NTPC and FBP Authority

of water charges i.e. Rs. 5.50/- per 5000cft has already been
by the Ministry of Irrigation & Power. But we intend to avoid
measurements of quantity of consumption of water to avoid
and other complications in such measurements. As already
we propose to fix some lump sum rates per 200 MW unit/
based on the theoretical water losses at 63% PLF as indicated.
which may be acceptable to you.

Water charges per 200 MW unit per month based on 63% PLF

Losses :	670		
Boiler Feed water @3% of 700 T/hr	=	21 MT/H	20 MT/H
Boiling water @1% of 15 x 200 T/hr	=	300 MT/H	30 MT/H
Sludge disposal @ 700 T/hr	=	700 MT/H	700 MT/H
		<u>1021 MT/H</u>	<u>750 MT/H</u>

Total water losses considering 30 days overhauling period during a
and 35 days shutdown period during a year :

$$= 1021 \times 24 \times (365-65)$$

$$= 1021 \times 24 \times 300 \text{ MT} = 7351200 \text{ M}^3$$

$$\text{Total water charges} = 1021 \times 24 \times 300 \times \frac{35.3}{5000} \times 5.5 = \text{Rs. } 2,85,447/-$$

$$\text{Monthly charges per 200 MW will be} = \frac{\text{Rs. } 2,85,447/-}{12} = \text{Rs. } 23,787/-$$

are requested to please look into it and communicate your early
approval so that we may deposit fund accordingly.

For 500 ME unit, rate may fix in a same manner at a subsequent date.

Thanking you,

Yours faithfully,

Sd/-
K. RADHAKRISHNAN
GENERAL MANAGER/FSTPP/NTPC

CONSUMPTION FOR EN THERMAL POWER PROJECT

12/8

12/8

Water @ 13% of 1675 T/hr = 50.25 T/hr ≈ 50T/hr
(make-up)

Coal @ 1% of 2x31500 Mt/hr = 630 T/hr

Consumption = (1700 + 1300) = 3000 m³/hr
≈ 3000 T/hr

consumption = (1) + (2) + (3)
= 50 + 630 + 3000
= 3680 T/hr

92

consumption = 300 x 24 x 3680
(operation) = 26496000 T

charges per = $\frac{26496000 \times 5.5}{5000} \times 35.3$

= Rs. 1028839.68

month = Rs. 85736.64

1675 T/hr

31500 m³/hr

FA = 1700 m³/hr

BA = 1300 m³/hr

2x1700 m³/hr

one pump

(1/2/8)

DEPT

110 003 Tele: 380100 (10 Lines) Telex: 031-74145 (OLD)
STREET, 3rd FLOOR, CALCUTTA-700 071 74159
54/55 + Telex: 021-2132 74105



भारत सरकार
जल संसाधन मंत्रालय
पश्चिमबंगाल का पश्चिमोत्तर
प्रदेश नदी परियोजना
गंगा नदी परियोजना (मुर्शिदाबाद)

GOVT. OF INDIA
MINISTRY OF WATER RESOURCES
OFFICE OF THE GENERAL MANAGER
FARAKKA BARRAGE PROJECT
P.O.: FARAKKA BARRAGE, DIST.: MURSHIDABAD
WEST BENGAL, PIN - 742 212
PHONE : 03485-253044
FAX : 03485-253008 / 253283

No. Genl/Works/W-25/ (NTPC)/ 596 (5) (W.E)

Dated: 16-02-2012

To
The General Manager
Farakka Super Thermal Power Station
National Thermal Power Corporation Ltd.,
Farakka,
P.O. Nabarun
Dist- Murshidabad (WB)
PIN- 742236

Subject: Revision of water charges for consumptive use of water by N.T.P.C, F.S.T.P.P.,
Farakka.

Sir,

Kindly refer to this office letter No. Genl/Works/W-25(NTPC)/Vol-
VII/2423(W.E) dated 25.08.2011 on the subject mentioned above.

In this context it is to inform you that Ministry of Water Resources has concurred
the proposal for increasing the water charges being levied to NTPC, FSTPP, Farakka
from present rate of Rs. 5.50 per 1000 Gals. to Rs. 5.20 per 1000 gallons vide MoWR
U.O.No. 10/12/2003-Ganga/FBP dated 30.01.2012 (Copy enclosed). The revised rate of
water charges will be effecting from 01.02.2012.

This is for your information please.

Encl: As stated above.

Yours faithfully,

(Signature)
15/2/2012
(A.K. Sinha)

General Manager
Farakka Barrage Project

Copy to:-

- 1) The Sr. Jt. Commissioner-I (Ganga), Ministry of Water Resources, 11th Block, 8th Floor, C.G.O. Complex, Lodi Road, New Delhi- 110003 with reference to MoWR U.O.No.10/12/2003-Ganga/FBP dated 30.01.2012.

General Manager
Farakka Barrage Project

- 2) The Sr. Accounts Officer, Pay & Accounts Office, Farakka Barrage Project
- 3) The Superintending Engineer, Circle No.II, Farakka Barrage Project
- 4) The Executive Engineer, Feeder Canal Division, Farakka Barrage Project

Copy: RE-D(ERI) } for kind information.
Dir (OPW)

RE-D(B)
Please
(Signature)

(Signature)
25/2
DC
25/2/2012
DAM/03

29-FEB-2012 11:36

GN'FBP

03485253808

P. 01

N.T.P.C. Ltd., with reference to General Manager, F.B. Project office letter No. Genl/Works/W-25/(NTPC)/596(5)(we) dated 16.02.2012.



Government of India
Ministry of Water Resources
Ganga Wing

11th Block, 8th Floor,
CGO Complex, Lodi Road,
New Delhi-110003.

Subject: Revision of water charges for consumptive use of water by N.T.P.C., FSTPP, Farakka.

Please refer to your letter dated 30.12.2011, vide which it has been opined that the raw water charges, as being levied by the DVC for non-agricultural purposes may be considered for revision of raw water charges being supplied to the NTPC, FSTPP for cooling purpose with prospective date. The case has been examined in this wing and sent to IFD, MOWR for their concurrence.

In the context, IFD, MOWR has concurred the proposal for increasing the raw water charges, being levied to NTPC, FSTPP, Farakka from present rate of Rs. 5.50 per 5000 Cft. to Rs. 5.20 per 1000 gallons for cooling purpose with prospective date provided it's at par with levies of other PSUs. IFD, MOWR has also advised that it is an administrative decision to be taken by FBP, any area of dispute may be referred to IFD for advice.

(Handwritten signature)
21/2/12
(T.S. Mehra)

Sr. Jt. Commissioner-I (Ganga)

General Manager, Farakka Barrage Project, P.O. Farakka, Distt. - Murshidabad, West Bengal.

U.O. No. 10/12/2003-Ganga/FBP /418-21

Dated 30.01.2012.

Copy for kind information to:

- (1) PPS to secretary (WR).
- (2) PS to Additional Secretary (WR).
- (3) JS & FA, MOWR, Shram Shakti Bhawan, New Delhi.

ESL
C.
2/2

97

Dr. M. (TS)
May pt. approve
Dr. V. Kumar
93

STO/SECRET

21/2/12

21/2
20/2/12
STP/2

(T.S. Mehra)

Sr. Jt. Commissioner-I (Ganga)

भारत सरकार
जल संसाधन, नदी विकास एवं
नगर संस्कार विभाग
महानदी विकास एवं संस्कार,
फरक्का बैराज परियोजना
प.ओ.-फरक्का बैराज, जिला-मुरशिदाबाद,
पश्चिम बंगाल, पिन-742212
दूरभाष-03485 253608 / 253293
फैक्स-03485 253608 / 253293



GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
OFFICE OF THE GENERAL MANAGER
FARAKKA BARRAGE PROJECT
P.O. - FARAKKA BARRAGE,
DIST. - MURSHIDABAD,
WEST BENGAL, PIN - 742212
TEL : (03485) 253608
FAX : (03485) 253608 / 253293

No. Genl/Works/W-25(N.T.P.C.)/Vol-VI/ 616 (we)

Dated 25/02/2019

To
The Deputy General Manager
(O&M) EEMG
F.S.T.P.P. / N.T.P.C., Farakka,
P.O. - Nabarun,
Dist - Murshidabad
West Bengal
Pin - 742236.

Sub: Water Charges payable to Farakka Barrage Project for consumptive use by
ESTPP/NTPC, Farakka for the period from October 2018 to December 2018-Revised.

- Ref: 1. Yours letter No. FS: 42: O&M: EEMG: Dated 04.01.2019
2. This office letter no. Genl/Works/W-25(N.T.P.C.)/Vol-VI/293(we) dtd 25.01.2019
3. MoWR, RD & GR's letter no Z-15013/5/2018-FM/183/184 dtd. 21.01.2019
4. This office letter no. Genl/Works/W-25(N.T.P.C.)/Vol-VI/456(we) dtd 08.02.2019

Sir,

Kindly refer to the letter reference no. 2., vide which water charges for
FSTPP/NTPC Farakka of Rs 2,60,36,561/- (Rupees Two Crore Sixty Lakh Thirty Six
Thousand Five Hundred Sixty One) only for unit No. I, II, III (200 M.W) and Unit No. IV,
V, VI (500 M.W.), has already been submitted to your office.

Now, the rates has been enhanced by IFD, Ministry of Water Resources, RD & GR
vide reference no. 3

So, as per the enhanced rate, total amount of water charges comes to Rs
10,88,28,860/- (Rupees Ten Crore Eighty Eight Lakh Twenty Eight Thousand Eight
Hundred Sixty) only for unit No. I, II, III (200 M.W) and Unit No. IV, V, VI (500 M.W.),

Please arrange to remit the revised amount as stated to the General Manager,
Farakka Barrage Project by Cheque or Demand Draft drawn in State Bank of India, Farakka
in favour of Sr. Accounts Officer, Pay & Accounts Office, Farakka Barrage Project at an
early date.

Yours faithfully

(Pradip Kumar Biswas)
Executive Engineer-II
Farakka Barrage Project.

1/24122/2019



No. Z-15013/5/2018-FM/
Government of India
Ministry of Water Resources, RD & GR
(Flood Management Wing)

11th Block, 8th Floor, CGO Complex,
Lodhi Road, New Delhi-110 003.
Dated : 21 January, 2019

ORDER

Subject: Revision of water charges being recovered by FBP from NTPC, FSTPP, Farakka.

Kindly refer your letter No. Gen/Works/W-25(N.T.P.C.)/Vol-VI/ 3242(wc) dated 15.11.2018 seeking approval of the competent authority on the revision of water charges being recovered by FBP from NTPC, FSTPP, Farakka.

In this context, in supersession of this Ministry's U.O. No. 10/12/2003-Ganga/FBP/418-21 dated 30.01.2012, the undersigned is directed to convey the approval of competent authority of this Ministry to revise the water charges being recovered by Farakka Barrage Project from N.T.P.C, F.S.T.P.P., Farakka for cooling purpose as tabulated below:

S.No.	Mode of use	Present rate	Revised rate
1.	Beyond 10 MGD	Rs 5.20 per 1000 gallon	Rs 5.50 per kilo litre (1000 gallon = 3.785 kilo litre) Hence revised rate shall be Rs 20.82 per 1000 gallon.
2.	Below 10 MGD	Presently applicable	not applicable Rs 5.00 per kilo litre Hence revised rate shall be Rs 18.92 per 1000 gallon.

This issues with the concurrence of IFD, Ministry of Water Resources, RD & GR vide Dy. No.543/IFD/2018-19 dated 15th January, 2019.

(Signature)
21/1/2019
(R.R.Sambharua)
Sr. Jt. Commissioner-I (FM)
Tel: 011-24362160

To,
General Manager,
Farakka Barrage Project,
P.O. Farakka, Murshidabad,
West Bengal.

Copy for kind information to:

- (i) PPS to Secretary (WR, RD & GR), Shram Shakti Bhawan, New Delhi
- (ii) Member (D&R), CWC & Chairman, TAC-FBP, Sewa Bhavan, New Delhi.
- (iii) JS & FA, MoWR, RD & GR, Shram Shakti Bhawan, New Delhi

SE (C) for SE (C-I) ma.
Sanjay Kumar

E.F. (Please give copy to SE (C-I))

I/24122/2019



No. Z-15013/5/2018-FM/
Government of India
Ministry of Water Resources, RD & GR
(Flood Management Wing)

11th Block, 8th Floor, CGO Complex,
Lodhi Road, New Delhi-110 003.
Dated : 21 January, 2019

ORDER


Subject: Revision of water charges being recovered by FBP from NTPC, FSTPP, Farakka.

Kindly refer your letter No. Gen/Works/W-25(N.T.P.C.)/Vol-VI/ 3242(we) dated 15.11.2018 seeking approval of the competent authority on the revision of water charges being recovered by FBP from NTPC, FSTPP, Farakka.

In this context, in supersession of this Ministry's U.O. No. 10/12/2003-Ganga/FBP/418-21 dated 30.01.2012, the undersigned is directed to convey the approval of competent authority of this Ministry to revise the water charges being recovered by Farakka Barrage Project from N.T.P.C, F.S.T.P.P., Farakka for cooling purpose as tabulated below:

S.No.	Mode of use	Present rate	Revised rate
1.	Beyond 10 MGD	Rs 5.20 per 1000 gallon	Rs 5.50 per kilo litre (1000 gallon = 3.785 kilo litre) Hence revised rate shall be Rs 20.82 per 1000 gallon.
2.	Below 10 MGD	Presently applicable	Rs 5.00 per kilo litre Hence revised rate shall be Rs 18.92 per 1000 gallon.

This issues with the concurrence of IFD, Ministry of Water Resources, RD. & GR vide Dy. No.543/IFD/2018-19 dated 15th January, 2019.


(R.R.Sambharia)
Sr. Jt. Commissioner-I (FM)
Tel: 011-24362160

To,
General Manager,
Farakka Barrage Project,
P.O. Farakka, Murshidabad,
West Bengal.

Copy for kind information to:

- (i) PPS to Secretary (WR, RD & GR), Shram Shakti Bhawan, New Delhi
- (ii) Member (D&R), CWC & Chairman, TAC-FBP, Sewa Bhawan, New Delhi.
- (iii) JS & FA, MoWR, RD & GR, Shram Shakti Bhawan, New Delhi

SE (C-1) m/a.
EE-11 (Please give reply to SE (I))

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F.No.Z-15013/5/2018-FM Section
Government of India
Ministry of Jal Shakti
Department of Water Resources, RD&GR
(Flood Management Wing)

11th Block, 8th Floor,
 CGO Complex, Lodhi Road,
 New Delhi-110003.

Dated: 10th January, 2023

ORDER

Subject: Revision of water charges being recovered by FBP from NTPC (FSTPP, Farakka).

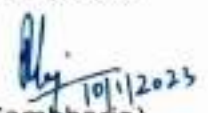
This has reference to FBP letter No. Genl/Works/W-25(NTPC)/Vol- VII/6681-82 dated 29.11.2022 seeking approval of the competent authority on the revision of water charges being recovered by FBP from NTPC in respect of Farakka Super Thermal Power Project (FSTPP) at Farakka.

In this context, in supersession of this Department's Order No. Z-15013/5/2018-FM dated 21st January, 2019, the undersigned is directed to convey the approval of competent authority of this Department to revise the water charges being recovered by Farakka Barrage Project from N.T.P.C in r/o F.S.T.P.P., Farakka for cooling purpose as under:

From January, 2022 to March, 2022	Rs 7.97 per Kilo Litre
For Financial Year 2022-23	Rs 8.39 per Kilo Litre

(an annual increment of 7.5% in raw water user charges w.e.f FY 23-24)

This issues with the concurrence of IFD, DoWR, RD&GR vide Dy. No. 899/IFD/2022-23 dated 22.12.2022.


 (R. R. Sambharia)
 Sr. Jt. Commissioner-I (FM)
 Tel: 011-24362160
sjcer1-mowr@nic.in

To
 ✓ General Manager,
 Farakka Barrage Project,
 P.O.-Farakka Barrage,
 Distt. - Murshidabad,
 West Bengal-742212.

Copy for kind information to:

- Sr. PPS to Secretary (WR, RD&GR), Shram Shakti Bhawan, New Delhi.
- JS & FA, DoWR, RD&GR, Shram Shakti Bhawan, New Delhi.
- Director, Establishment-III, Shram Shakti Bhawan, New Delhi.

/

(R. R. Sambharia)

Audited Form 15

FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS Stage-III

S. No.	Month	Unit	Apr-23		
			Domestic Coal	NTPC Mine Coal	Imported
			M1149100657	M1149100620	M1149100666
A)	OPENING QUANTITY				
1	Opening Quantity of Coal	(MT)	278530.05	9528.73	5636.18
2	Value of Stock	(Rs.)	1146714004	35603675	83681552
B)	QUANTITY				
3	Quantity of Coal supplied by Coal Company	(MT)	706607.62	113457.36	37162.44
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	-2284.68	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	706607.62	111172.68	37162.44
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	4457.26	907.66	74.32
7	Net Coal Supplied (5-6)	(MT)	702150.36	110265.02	37088.12
C)	PRICE				
8	Amount charged by the Coal Company	(Rs.)	2542384127	268307047	535488565
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	26202556	4207247	0
11	Total amount Charged (8+9+10)	(Rs.)	2568586683	272514294	535488565
D)	TRANSPORATION				
12	Transportation charges by rail/ship/road transport	(Rs.)	372043885	132916510	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	22544405	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	394588290	132916510	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	2963174973	405430804	535488565
E)	TOTAL COST				
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4190.85	3681.62	14492.23
19	Blending Ratio (Domestic/Imported)		88.89%	7.41%	3.69%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	4533.38		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		4533.38		
F)	QUALITY (Stage - I, II, III, & IV)				
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4977	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	5086	4750	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			5031
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			5035
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	5031		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	5031		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3771	3524	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3845	3633	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			5072
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			4985
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	3852		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	3852		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS Stage-III

S. No.	Month	Unit	May-23		
			Domestic Coal	NTPC Mine Coal	Imported
			M1149100657	M1149100620	M1149100666
A)	OPENING QUANTITY				
1	Opening Quantity of Coal	(MT)	260764.41	18963.75	1922.30
2	Value of Stock	(Rs.)	1092829008	69817232	27858353
B)	QUANTITY				
3	Quantity of Coal supplied by Coal Company	(MT)	769194.94	69040.61	66230.56
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	-1178.56	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	769194.94	67862.05	66230.56
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	4926.17	552.32	132.46
7	Net Coal Supplied (5-6)	(MT)	764268.77	67309.73	66098.10
C)	PRICE				
8	Amount charged by the Coal Company	(Rs.)	2862677640	164393254	863723031
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	24834573	2229076	0
11	Total amount Charged (8+9+10)	(Rs.)	2887512213	166622330	863723031
D)	TRANSPORATION				
12	Transportation charges by rail/ship/road transport	(Rs.)	386568334	81297787	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	23216276	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	409784610	81297787	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	3297296823	247920117	863723031
E)	TOTAL COST				
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4282.91	3682.91	13107.56
19	Blending Ratio (Domestic/Imported)		88.55%	6.20%	5.24%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	4708.45		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		4708.45		
F)	QUALITY (Stage - I, II, III, & IV)				
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	5055	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	5288	4750	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			5035
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			4960
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	5185		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	5185		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3824	3624	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	4066	3192	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			4996
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			4929
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	4009		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	4009		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS Stage-III

S. No.	Month	Unit	Jun-23		
			Domestic Coal	NTPC Mine Coal	Imported
			M1149100657	M1149100620	M1149100666
A)	OPENING QUANTITY				
1	Opening Quantity of Coal	(MT)	420416.18	10795.48	19018.39
2	Value of Stock	(Rs.)	1800605635	39758755	249284728
B)	QUANTITY				
3	Quantity of Coal supplied by Coal Company	(MT)	623605.63	60960.67	7797.60
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	-298.34	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	623605.63	60662.33	7797.60
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	4011.22	487.69	15.60
7	Net Coal Supplied (5-6)	(MT)	619594.41	60174.64	7782.00
C)	PRICE				
8	Amount charged by the Coal Company	(Rs.)	2398693581	165636052	81501545
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	51808802	5064578	0
11	Total amount Charged (8+9+10)	(Rs.)	2450502383	170700630	81501545
D)	TRANSPORATION				
12	Transportation charges by rail/ship/road transport	(Rs.)	291614609	44702093	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	18188643	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	309803252	44702093	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	2760305635	215402723	81501545
E)	TOTAL COST				
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4385.45	3595.34	12342.59
19	Blending Ratio (Domestic/Imported)		91.94%	5.72%	2.34%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	4526.39		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		4526.39		
F)	QUALITY (Stage - I, II, III, & IV)				
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	5228	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	5300	4750	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			4962
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			4960
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	5234		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	5234		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	4004	3296	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	4137	3476	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			4931
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			4874
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	4066		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	4066		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS Stage-III

S. No.	Month	Unit	Jul-23		
			Domestic Coal	NTPC Mine Coal	Imported
			M1149100657	M1149100620	M1149100666
A)	OPENING QUANTITY				
1	Opening Quantity of Coal	(MT)	358109.60	9985.12	1522.40
2	Value of Stock	(Rs.)	1570468530	35899871	18790334
B)	QUANTITY				
3	Quantity of Coal supplied by Coal Company	(MT)	644457.18	73932.35	43203.20
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	644457.18	73932.35	43203.20
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	4254.38	591.46	86.41
7	Net Coal Supplied (5-6)	(MT)	640202.80	73340.89	43116.79
C)	PRICE				
8	Amount charged by the Coal Company	(Rs.)	2506374719	204763606	560635058
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	28955558	3321792	0
11	Total amount Charged (8+9+10)	(Rs.)	2535330277	208085398	560635058
D)	TRANSPORTATION				
12	Transportation charges by rail/ship/road transport	(Rs.)	299368526	65856199	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	19385560	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	318754086	65856199	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	2854084362	273941597	560635058
E)	TOTAL COST				
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4432.03	3718.42	12980.19
19	Blending Ratio (Domestic/Imported)		90.75%	7.11%	2.14%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	4564.28		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		4564.28		
F)	QUALITY (Stage - I, II, III, & IV)				
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	5228	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	5300	4750	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			4962
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			4960
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	5234		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	5234		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	4083	3441	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3870	3265	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			4914
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			4999
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	3942		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	3942		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS Stage-III

S. No.	Month	Unit	Aug-23		
			Domestic Coal	NTPC Mine Coal	Imported
			M1149100657	M1149100620	M1149100666
A)	OPENING QUANTITY				
1	Opening Quantity of Coal	(MT)	391291.40	11458.01	22745.19
2	Value of Stock	(Rs.)	1734217610	42605751	295237024
B)	QUANTITY				
3	Quantity of Coal supplied by Coal Company	(MT)	509812.96	3889.04	73595.42
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	509812.96	3889.04	73595.42
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	3131.28	31.11	147.19
7	Net Coal Supplied (5-6)	(MT)	506681.68	3857.93	73448.23
C)	PRICE				
8	Amount charged by the Coal Company	(Rs.)	2067828625	10433748	993351104
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	34588842	263856	0
11	Total amount Charged (8+9+10)	(Rs.)	2102417467	10697604	993351104
D)	TRANSPORTATION				
12	Transportation charges by rail/ship/road transport	(Rs.)	223971207	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	12260929	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	236232137	0	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	2338649603	10697604	993351104
E)	TOTAL COST				
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4535.62	3480.25	13395.80
19	Blending Ratio (Domestic/Imported)		92.33%	0.67%	6.99%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	5147.86		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		5147.86		
F)	QUALITY (Stage - I, II, III, & IV)				
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	5269	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	5155	4750	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			5004
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			5050
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	5189		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	5189		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3886	3251	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3753	3444	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			4924
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			4969
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	3888		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	3888		

Sr Mgr (Fin) UFCG-Fuel Group

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FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS Stage-III

S. No.	Month	Unit	Sep-23		
			Domestic Coal	NTPC Mine Coal	Imported
			M1149100657	M1149100620	M1149100666
A)	OPENING QUANTITY				
1	Opening Quantity of Coal	(MT)	299426.08	8155.94	29705.42
2	Value of Stock	(Rs.)	1358085469	28384739	397927978
B)	QUANTITY				
3	Quantity of Coal supplied by Coal Company	(MT)	477447.16	3731.57	67529.41
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-1539.78	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	475907.38	3731.57	67529.41
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	2935.59	29.85	135.06
7	Net Coal Supplied (5-6)	(MT)	472971.79	3701.72	67394.35
C)	PRICE				
8	Amount charged by the Coal Company	(Rs.)	1889438746	18330461	928371042
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	64273049	503962	0
11	Total amount Charged (8+9+10)	(Rs.)	1953711795	18834423	928371042
D)	TRANSPORTATION				
12	Transportation charges by rail/ship/road transport	(Rs.)	210364637	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	19516276	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	229880912	0	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	2183592707	18834423	928371042
E)	TOTAL COST				
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4585.30	3982.17	13659.14
19	Blending Ratio (Domestic/Imported)		94.56%	0.67%	4.77%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	5014.47		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		5014.47		
F)	QUALITY (Stage - I, II, III, & IV)				
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	5204	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	5152	4750	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			5039
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			5050
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	5163		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	5163		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3780	3276	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3902	3622	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			4925
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			4892
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	3902		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	3902		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS Stage-III

S. No.	Month	Unit	Oct-23		
			Domestic Coal	NTPC Mine Coal	Imported
			M1149100657	M1149100620	M1149100666
A)	OPENING QUANTITY				
1	Opening Quantity of Coal	(MT)	130175.87	4357.66	21399.77
2	Value of Stock	(Rs.)	596897639	17352915	292302425
B)	QUANTITY				
3	Quantity of Coal supplied by Coal Company	(MT)	664247.18	47818.05	38446.14
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	664247.18	47818.05	38446.14
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	4235.26	382.54	76.89
7	Net Coal Supplied (5-6)	(MT)	660011.92	47435.51	38369.25
C)	PRICE				
8	Amount charged by the Coal Company	(Rs.)	2574353375	123570889	448178225
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	9937948	715416	0
11	Total amount Charged (8+9+10)	(Rs.)	2584291323	124286305	448178225
D)	TRANSPORTATION				
12	Transportation charges by rail/ship/road transport	(Rs.)	293624309	51222554	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	23074921	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	316699230	51222554	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	2900990553	175508859	448178225
E)	TOTAL COST				
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4426.65	3723.69	12389.04
19	Blending Ratio (Domestic/Imported)		96.04%	3.96%	0.00%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	4398.84		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		4398.84		
F)	QUALITY (Stage - I, II, III, & IV)				
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	5172	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	5219	4750	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			5047
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			5050
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	5195		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	5195		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3835	3359	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3563	3369	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			4925
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			4929
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	3584		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	3584		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS Stage-III

S. No.	Month	Unit	Nov-23		
			Domestic Coal	NTPC Mine Coal	Imported
			M1149100657	M1149100620	M1149100666
A)	OPENING QUANTITY				
1	Opening Quantity of Coal	(MT)	106433.79	4093.16	671.02
2	Value of Stock	(Rs.)	471148548	15241677	8313282
B)	QUANTITY				
3	Quantity of Coal supplied by Coal Company	(MT)	762488.62	27053.05	62424.94
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	762488.62	27053.05	62424.94
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	4816.58	216.42	124.85
7	Net Coal Supplied (5-6)	(MT)	757672.04	26836.63	62300.09
C)	PRICE				
8	Amount charged by the Coal Company	(Rs.)	3040576146	69368366	753482252
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	22061452	782739	0
11	Total amount Charged (8+9+10)	(Rs.)	3062637598	70151105	753482252
D)	TRANSPORTATION				
12	Transportation charges by rail/ship/road transport	(Rs.)	319332792	31333607	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	24987501	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	344320293	31333607	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	3406957891	101484712	753482252
E)	TOTAL COST				
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4488.00	3773.91	12097.54
19	Blending Ratio (Domestic/Imported)		88.00%	12.00%	0.00%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	4402.33		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		4402.33		
F)	QUALITY (Stage - I, II, III, & IV)				
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	5214	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	5314	4750	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			5049
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			5050
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	5235		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	5235		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3569	3351	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3807	3314	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			4925
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			4975
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	3723		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	3723		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS Stage-III

S. No.	Month	Unit	Dec-23		
			Domestic Coal	NTPC Mine Coal	Imported
			M1149100657	M1149100620	M1149100666
A)	OPENING QUANTITY				
1	Opening Quantity of Coal	(MT)	239917.82	4081.79	19692.11
2	Value of Stock	(Rs.)	1076750695	15404322	238226100
B)	QUANTITY				
3	Quantity of Coal supplied by Coal Company	(MT)	828807.41	0.00	49236.93
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	828807.41	0.00	49236.93
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	5460.94	0.00	98.47
7	Net Coal Supplied (5-6)	(MT)	823346.47	0.00	49138.46
C)	PRICE				
8	Amount charged by the Coal Company	(Rs.)	3251991260	-2159769	612517044
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	46063721	0	0
11	Total amount Charged (8+9+10)	(Rs.)	3298054981	-2159769	612517044
D)	TRANSPORTATION				
12	Transportation charges by rail/ship/road transport	(Rs.)	472227785	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	24085704	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	496313489	0	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	3794368470	-2159769	612517044
E)	TOTAL COST				
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4581.29	3244.79	12359.96
19	Blending Ratio (Domestic/Imported)		100.00%	0.00%	0.00%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	4581.29		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		4581.29		
F)	QUALITY (Stage - I, II, III, & IV)				
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	5302	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4932	0	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			5050
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			5050
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	5014		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	5014		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3774	3278	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3872	3267	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			4964
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			4991
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	3850		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	3850		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS Stage-III

S. No.	Month	Unit	Jan-24		
			Domestic Coal	NTPC Mine Coal	Imported
			M1149100657	M1149100620	M1149100666
A)	OPENING QUANTITY				
1	Opening Quantity of Coal	(MT)	471094.30	4081.79	0.00
2	Value of Stock	(Rs.)	2158216665	13244553	0
B)	QUANTITY				
3	Quantity of Coal supplied by Coal Company	(MT)	820725.45	0.00	30384.99
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	820725.45	0.00	30384.99
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	5481.28	0.00	60.77
7	Net Coal Supplied (5-6)	(MT)	815244.17	0.00	30324.22
C)	PRICE				
8	Amount charged by the Coal Company	(Rs.)	3383309940	0	374378537
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	22385661	0	0
11	Total amount Charged (8+9+10)	(Rs.)	3405695601	0	374378537
D)	TRANSPORTATION				
12	Transportation charges by rail/ship/road transport	(Rs.)	416831600	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	0	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	416831600	0	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	3822527200	0	374378537
E)	TOTAL COST				
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4649.43	3244.79	12345.86
19	Blending Ratio (Domestic/Imported)		100.00%	0.00%	0.00%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	4649.43		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		4649.43		
F)	QUALITY (Stage - I, II, III, & IV)				
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	5014	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4932	0	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			5050
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			5082
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	4962		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	4962		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3824	3278	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	4063	0	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			4980
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			5037
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	3978		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	3978		

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS Stage-III

S. No.	Month	Unit	Feb-24		
			Domestic Coal	NTPC Mine Coal	Imported
			M1149100657	M1149100620	M1149100666
A)	OPENING QUANTITY				
1	Opening Quantity of Coal	(MT)	626804.46	4081.79	1207.22
2	Value of Stock	(Rs.)	2914286700	13244553	14904160
B)	QUANTITY				
3	Quantity of Coal supplied by Coal Company	(MT)	594022.57	3525.60	92798.80
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	594022.57	3525.60	92798.80
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	3818.65	28.20	185.60
7	Net Coal Supplied (5-6)	(MT)	590203.92	3497.40	92613.20
C)	PRICE				
8	Amount charged by the Coal Company	(Rs.)	2425800029	8620725	1171070195
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	22561688	133907	0
11	Total amount Charged (8+9+10)	(Rs.)	2448361717	8754632	1171070195
D)	TRANSPORTATION				
12	Transportation charges by rail/ship/road transport	(Rs.)	278560342	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	8025778	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	286586120	0	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	2734947837	8754632	1171070195
E)	TOTAL COST				
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4641.90	2902.58	12640.90
19	Blending Ratio (Domestic/Imported)		100.00%	0.00%	0.00%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	4641.90		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		4641.90		
F)	QUALITY (Stage - I, II, III, & IV)				
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4962	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	6127	4750	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			5081
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			5060
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	5528		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	5528		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3964	3278	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	4018	3718	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			5079
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			4993
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	4026		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	4026		

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS Stage-III

S. No.	Month	Unit	Mar-24		
			Domestic Coal	NTPC Mine Coal	Imported
			M1149100657	M1149100620	M1149100666
A)	OPENING QUANTITY				
1	Opening Quantity of Coal	(MT)	716177.38	7579.18	10822.42
2	Value of Stock	(Rs.)	3324427118	21999185	136805103
B)	QUANTITY				
3	Quantity of Coal supplied by Coal Company	(MT)	850772.73	0.00	27172.60
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-3448.82	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	847323.91	0.00	27172.60
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	5305.59	0.00	54.35
7	Net Coal Supplied (5-6)	(MT)	842018.32	0.00	27118.25
C)	PRICE				
8	Amount charged by the Coal Company	(Rs.)	3726667101	4002224	296675647
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	0	0	0
10	Handling, Sampling and such other similar charges	(Rs.)	65015723	0	0
11	Total amount Charged (8+9+10)	(Rs.)	3791682824	4002224	296675647
D)	TRANSPORTATION				
12	Transportation charges by rail/ship/road transport	(Rs.)	345890117	0	0
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)	0	0	0
14	Demurrage Charges, if any	(Rs.)	0	0	0
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	36282382	0	0
16	Total Transportation Charges (12+13-14+15)	(Rs.)	382172499	0	0
17	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	4173855323	4002224	296675647
E)	TOTAL COST				
18	Landed cost of Coal (2+17)/(1+7)	Rs./MT	4812.16	3430.63	11425.22
19	Blending Ratio (Domestic/Imported)		96.47%	0.26%	3.26%
20	Weighted average cost of Coal/ Lignite (Including Biomass)	Rs./MT	5024.44		
20a	Weighted average cost of Coal/ Lignite (Excluding Biomass)		5024.44		
F)	QUALITY (Stage - I, II, III, & IV)				
21	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4962	4750	0
22	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	6169	4750	0
23	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)			5081
24	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)			5024
25	Weighted average GCV of coal as billed (Including Biomass)	(kCal/Kg)	5602		
25a	Weighted average GCV of coal as billed (Excluding Biomass)	(kCal/Kg)	5602		
26	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	4026	3496	0
27	GCV of Domestic Coal / Bio Mass supplied as received at Station	(kCal/Kg)	3909	3750	0
28	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)			4990
29	GCV of Imported Coal supplied as received at Station	(kCal/Kg)			5025
30	Weighted average GCV of coal/ Lignite as received (Including Biomass)	(kCal/Kg)	3995		
30a	Weighted average GCV of coal/ Lignite as received (Excluding Biomass)	(kCal/Kg)	3995		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Secondary Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS

S. No.	Month	Unit	Apr-23		
			HFO	LDO	LSHS
			M1149201055	M1149200900	M1149201417N
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	4125.99	96.94	0.00
2	Value of Opening Stock	(Rs.)	260348625.27	5716011.00	0.00
B)	QUANTITY				
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	0.00
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	0.00
C)	PRICE				
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	0.00
D)	TRANSPORATION				
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	0.00	0.00	0.00
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	63099.690	58964.421	0.000
			Stage I & II		
19	Blending Ratio		1.00	0.00	0.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	63099.69		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9760		
			Stage III		
19	Blending Ratio		1.00	0.00	0.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	63099.69		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9760		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

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FORM- 15 : Details of Secondary Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS

S. No.	Month	Unit	May-23		
			HFO	LDO	LSHS
			M1149201055	M1149200900	M1149201417N
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	3685.99	96.94	0.00
2	Value of Opening Stock	(Rs.)	232584761.84	5716011.00	0.00
B)	QUANTITY				
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	2939.49
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	2939.49
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	2939.49
C)	PRICE				
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00	171464368.00
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	171464368.00
D)	TRANSPORATION				
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	0.00	0.00	171464368.00
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	63099.690	58964.421	58331.253
			Stage I & II		
19	Blending Ratio		1.00	0.00	0.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	63099.69		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9750		
			Stage III		
19	Blending Ratio		1.00	0.00	0.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	63099.69		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9750		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Secondary Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS

S. No.	Month	Unit	Jun-23		
			HFO	LDO	LSHS
			M1149201055	M1149200900	M1149201417N
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	2785.99	96.94	2939.49
2	Value of Opening Stock	(Rs.)	175795041.18	5716011.00	171464368.00
B)	QUANTITY				
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	0.00
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	0.00
C)	PRICE				
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	0.00
D)	TRANSPORATION				
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	0.00	0.00	0.00
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	63099.690	58964.421	58331.253
			Stage I & II		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	58331.25		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9740		
			Stage III		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	58331.25		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9740		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Secondary Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS

S. No.	Month	Unit	Jul-23		
			HFO	LDO	LSHS
			M1149201055	M1149200900	M1149201417N
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	2785.99	96.94	2330.49
2	Value of Opening Stock	(Rs.)	175795041.18	5716011.00	135940634.97
B)	QUANTITY				
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	2767.29
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	2767.29
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	2767.29
C)	PRICE				
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00	160417707.94
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	160417707.94
D)	TRANSPORTATION				
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	0.00	0.00	160417707.94
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	63099.690	58964.421	58134.739
			Stage I & II		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	58134.74		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9780		
			Stage III		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	58134.74		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9780		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Secondary Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS

S. No.	Month	Unit	Aug-23		
			HFO	LDO	LSHS
			M1149201055	M1149200900	M1149201417N
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	2785.99	96.94	3868.78
2	Value of Opening Stock	(Rs.)	175795041.18	5716011.00	224910748.53
B)	QUANTITY				
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	0.00
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	0.00
C)	PRICE				
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	0.00
D)	TRANSPORATION				
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	0.00	0.00	0.00
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	63099.690	58964.421	58134.739
			Stage I & II		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	58134.74		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9820		
			Stage III		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	58134.74		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9820		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Secondary Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS

S. No.	Month	Unit	Sep-23		
			HFO	LDO	LSHS
			M1149201055	M1149200900	M1149201417N
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	2785.99	96.94	3202.78
2	Value of Opening Stock	(Rs.)	175795041.18	5716011.00	186193012.28
B)	QUANTITY				
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	2676.00
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	2676.00
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	2676.00
C)	PRICE				
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00	182196884.39
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	182196884.39
D)	TRANSPORATION				
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	0.00	0.00	182196884.39
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	63099.690	58964.421	62664.334
			Stage I & II		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	62664.33		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9740		
			Stage III		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	62664.33		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9740		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Secondary Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS

S. No.	Month	Unit	Oct-23		
			HFO	LDO	LSHS
			M1149201055	M1149200900	M1149201417N
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	2785.99	96.94	4100.78
2	Value of Opening Stock	(Rs.)	175795041.18	5716011.00	256972710.65
B)	QUANTITY				
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	0.00
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	0.00
C)	PRICE				
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	0.00
D)	TRANSPORATION				
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	0.00	0.00	0.00
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	63099.690	58964.421	62664.334
			Stage I & II		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	62664.33		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9740		
			Stage III		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	62664.33		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9740		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Secondary Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS

S. No.	Month	Unit	Nov-23		
			HFO	LDO	LSHS
			M1149201055	M1149200900	M1149201417N
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	2785.99	96.94	1963.78
2	Value of Opening Stock	(Rs.)	175795041.18	5716011.00	123059028.68
B)	QUANTITY				
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	0.00
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	0.00
C)	PRICE				
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	0.00
D)	TRANSPORATION				
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	0.00	0.00	0.00
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	63099.690	58964.421	62664.334
			Stage I & II		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	62664.33		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9740		
			Stage III		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	62664.33		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9740		

Sr Mgr (Fin) UFCG-Fuel Group

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BISWAS Date: 2024.09.14
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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Secondary Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS

S. No.	Month	Unit	Dec-23		
			HFO	LDO	LSHS
			M1149201055	M1149200900	M1149201417N
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	2785.99	96.94	1021.78
2	Value of Opening Stock	(Rs.)	175795041.18	5716011.00	64029225.96
B)	QUANTITY				
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	0.00
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	0.00
C)	PRICE				
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	0.00
D)	TRANSPORATION				
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	0.00	0.00	0.00
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	63099.690	58964.421	62664.334
			Stage I & II		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	62664.33		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9790		
			Stage III		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	62664.33		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9790		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co
Chartered Accountants

FORM- 15 : Details of Secondary Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS

S. No.	Month	Unit	Jan-24		
			HFO	LDO	LSHS
			M1149201055	M1149200900	M1149201417N
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	2785.99	96.94	560.20
2	Value of Opening Stock	(Rs.)	175795041.18	5716011.00	35104371.97
B)	QUANTITY				
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	2768.90
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	2768.90
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	2768.90
C)	PRICE				
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00	162314175.50
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	162314175.50
D)	TRANSPORATION				
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	0.00	0.00	162314175.50
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	63099.690	58964.421	59300.983
			Stage I & II		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	59300.98		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9770		
			Stage III		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	59300.98		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9770		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Secondary Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS

S. No.	Month	Unit	Feb-24		
			HFO	LDO	LSHS
			M1149201055	M1149200900	M1149201417N
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	2785.99	96.94	2909.65
2	Value of Opening Stock	(Rs.)	175795041.18	5716011.00	172545343.06
B)	QUANTITY				
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	0.00
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	0.00
C)	PRICE				
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	0.00	0.00	0.00
D)	TRANSPORATION				
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	0.00	0.00	0.00
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	63099.690	58964.421	59300.983
			Stage I & II		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	59300.98		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9770		
			Stage III		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	59300.98		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9770		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants

FORM- 15 : Details of Secondary Fuel for Computation of Energy Charges

Name of the Petitioner:
Name of the Generating Station

NTPC Limited
FSTPS

S. No.	Month	Unit	Mar-24		
			HFO	LDO	LSHS
			M1149201055	M1149200900	M1149201417N
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	2785.99	96.94	2451.69
2	Value of Opening Stock	(Rs.)	175795041.18	5716011.00	145387864.78
B)	QUANTITY				
3	Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
4	Adjustment (-) in quantity supplied by Secondary Fuel/ Company	(KL)	0.00	0.00	0.00
5	Secondary Fuel Supplied by Secondary Fuel / Company (3-4)	(KL)	0.00	0.00	0.00
6	Normative transit & Handling losses (for Secondary Fuel / based projects)	(KL)	0.00	0.00	0.00
7	Net Secondary Fuel / supplied (5-6)	(KL)	0.00	0.00	0.00
C)	PRICE				
8	Amount Charged by the Secondary Fuel/ Company	(Rs.)	30476019.00	0.00	0.00
9	Adjustment (+/-) in amount charged by Secondary Fuel/ Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling & Such other similar charges	(Rs.)	0.00	0.00	0.00
11	Total Amount Charged (8+9+10)	(Rs.)	30476019.00	0.00	0.00
D)	TRANSPORATION				
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)	0.00	0.00	0.00
13	Adjustment (+/-) in amount charged by Rail/Ship/Road Company	(Rs.)	0.00	0.00	0.00
14	Demurrage charges , if any	(Rs.)	0.00	0.00	0.00
15	Cost of diesel in transporting Secondary Fuel through MGR system if applicable	(Rs.)	0.00	0.00	0.00
16	Total Transportation Charges (12-13+14+15)	(Rs.)	0.00	0.00	0.00
17	Total amount charged for Secondary Fuel/ supplied including transportation	(Rs.)	30476019.00	0.00	0.00
18	Landed cost of Secondary Fuel (2+17) / (1+7)	Rs./KL	74038.720	58964.421	59300.983
			Stage I & II		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	59300.98		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9770		
			Stage III		
19	Blending Ratio		0.00	0.00	1.00
20	Weighted Average Cost of Secondary Fuel/ For the month	Rs./KL	59300.98		
E)	QUALITY				
21	Weighted average GCV of Secondary Fuel/ as Received	(kcal/L)	9770		

Sr Mgr (Fin) UFCG-Fuel Group

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For M.C. Bhandari & Co.
Chartered Accountants