



**PETITION FOR DETERMINATION OF TARIFF
FOR**

**Faridabad Gas Power Station
(From 01.04.2024 to 31.03.2029)**



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 Faridabad Gas Power Station **for the period from 01.04.2024 to 31.03.2029.**

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Summary of Issues:

Tariff determination petition (2024-29) of Faridabad Gas Power Station

(In compliance with CERC notice dated 07.06.2024)

The major highlights of the tariff determination petition of Faridabad Gas Power Station (hereinafter referred to as FGPS) for tariff period 2024-29 are as follows:-

The present petition is being filed under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-9(2) of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for determination of Tariff of FGPS (431.58 MW) for the period from 01.04.2019 to 31.03.2024.

FGPS is located in the State of Haryana and comprises of 2 GTs of 140.827 MW each and 1 ST of 149.932 MW totalling 431.58 MW. The COD of station is 01.01.2001. The power generated from FGPS is being supplied to Haryana Power Purchase Centre (HPPC) as per MoP allocation.

The tariff for FGPS for the period from 01.04.2019 to 31.3.2024 was determined by the Hon'ble Commission vide order dated 31.03.2023 in Petition No. 487/GT/2020. The capital cost allowed for tariff determination included the projected additional capital expenditure admitted by the Hon'ble Commission after prudence check. The petitioner 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.

The Petitioner in the instant petition has considered the opening capital cost as of 01.04.2024 by adjusting the admitted capital cost as on 31.03.2024, accounting for the difference between the admitted expenditure for the period 2019-24 and the actual expenditure as per true-up petition.

The projected additional Capital Expenditure for the FY 2024-25, 2025-26, 2026-27, 2027-28 and 2028-29 are Rs 2.99 Cr, Rs 33.53 Cr, Rs 13.00 Cr, Nil and Nil respectively amounting to total of Rs 49.52 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 projected Additional Capital expenditure during the period of 2024-29.

The Hon'ble Commission is requested to allow the claims for water charges, security expenses for the instant station as estimated by the Petitioner in Form 3A of Appendix-I. These claims shall be subject to retrospective adjustment based on actual expenditures during the truing-up process.

Furthermore, the consumption of capital spares shall be claimed at the time of truing up based on the actual consumption of spares during the period 2024–29.

It is submitted that the Hon'ble ATE, in its judgment on 13.06.2007 (Appeal no. 139 of 2006), permitted recovery of unpaid depreciation after a plant's useful life due to under-recovery from low availability. Further, petitioner has already provided the details of unrecovered depreciation up to 31.03.2014 as per direction of Hon'ble commission in petition no. 286/GT/2014 on 29.04.2016. In the view of above, as the instant station will complete its 25-year life on 31.12.2025, the petitioner requests approval to recover Rs. 367.82 Lakhs of unrecovered depreciation in period 2025-26.

The petitioner seeks permission to approach the Commission to recover the impact of wage revisions effective from 1.1.2027, as allowed under Tariff Regulations 2024, during the tariff true-up based on actual payments made.

The petitioner requests the Commission's approval to recover the filing and publication fees directly from the beneficiaries, as permitted under Regulation 94(1) of the Tariff Regulations 2024.

In the light of above submission and as per the Petition being filed by the Petitioner for determination of tariff of Faridabad Gas Power Station FGPS, the Hon'ble Commission may please approve 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 Faridabad Gas Power Station **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 Haryana Power Purchase Centre (HPPC)
Shakti Bhawan, Sector – VI,
Panchkula,
Haryana – 134 109

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 Faridabad Gas Power Station (hereinafter referred to as FGPS) is one such station located in the State of Haryana. The power generated from FGPS is being supplied to Haryana Power Purchase Centre (HPPC) as per MoP allocation.
- 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 FGPS for the period from 01.04.2024 to 31.03.2029 as per the Tariff Regulations 2024.

- 6) The tariff of the FGPS for the tariff period 1.4.2019 to 31.3.2024 was determined by the Hon'ble Commission vide order dated 31.03.2023 in Petition No. 487/GT/2020) in accordance with the CERC (Terms & Conditions of Tariff) Regulations 2019. The petitioner vide affidavit dated 16.11.2024 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 31.03.2023 in Petition No. 487/GT/2020 has allowed a capital cost of Rs 1016.46 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. 1013.03 Cr based on the actual expenditure after truing up exercise for the period 2019-24. Accordingly, the Petitioner has adjusted an amount of Rs. (-)3.42 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 1013.03 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) It is further submitted that vide letter dated 15.03.2016, the Hon'ble Commission has directed the petitioner to furnish a statement showing the year wise details of depreciation unrecovered, if any, till 31.03.2014 on account of availability lower than NAPAF, in respect of all thermal generating stations. Based on above direction, Petitioner vide affidavit dated 29.04.2016 has furnished the aforesaid details in petition no. 286/GT/2014 for approval of tariff of Instant Station for the period from 01.04.2014 to 31.03.2019. The details provided is reiterated below

FY	Target availability	Annual availability	AFC	Dep incl in AFC	Disincentive	Dep. unrecovered due to disincentive
	(%)	(%)	(Rs Lakh)	(Rs Lakh)	(Rs Lakh)	(Rs Lakh)
2008-09	80	72.63	19663.70	3992.61	1811.52	367.82

- 10) It is submitted that Hon'ble ATE vide judgement dated 13-06-2007 (Appeal no. 139 of 2006) on the issue of " Admissibility of depreciation up to 90% of the value of the assets" has allowed the unpaid portion of the depreciation (because of under recovery of fixed charges due to availability lower than NAPAF) after the plant has lived its designated useful life.
- 11) It is further submitted that the Hon'ble Commission in its order dated 23.8.2016 in petition no. 291/GT/2014 has already allowed similar claim for the recovery of unrecovered depreciation in Rihand STPS, Stage-I as part of fixed cost in 2016-17 after the completion of useful life of the generating station.
- 12) In the view of above, It is submitted that as Instant station is completing its useful life of 25 years on 31.12.2025, petitioner has claimed the unrecovered depreciation of 367.82 Lakhs for year 2025-26 in Appendix-I. Therefore, it is prayed before this Hon'ble Commission to allow this unrecovered depreciation after the completion of useful life of the instant station.
- 13) The Petitioner further respectfully submits that as per Regulation 36(1)(6) of the Tariff Regulations 2024, the water charges, security expenses and capital spares consumed for thermal generating stations are to be allowed separately. The details in respect of water charges such as type of cooling water system, water consumption, rate of water charges as applicable for 2023-24 have been furnished below for reference. Water charges for the period 2024 – 29 is claimed based on the estimated expenses and same may be allowed in tariff based on the same. 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	Gas
Type of cooling water system	Closed Cycle
Rate of Water Charges	Rs 20 per Cubic Meter
Total Water Charges(2023-24)	100.22lacs

- 14) Similarly, the Petitioner is claiming the security 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.
- 15) It is submitted that in terms of Regulation 60 (5) of the Tariff Regulations 2024, the Petitioner is required to furnish details qua providing the details of Landed Price & Gross Calorific Value (“GCV”) of fuel in Form 15. It is further submitted that the Petitioner in terms of Regulation 40 of the Tariff Regulations 2019 was required to furnish the details for Landed Price & GCV of fuel also as per Form 15 of the Tariff Regulations, 2019.
- 16) However, in so far as the present Petition is concerned, the Petitioner has prepared & submitted the data of fuel as per Form 15 of the Tariff Regulations, 2019. The same is because of the following reasons:-
- (a) This Hon’ble Commission had notified the Tariff Regulations, 2019 on 07.03.2019 and the same was in effect till 31.03.2024.
 - (b) The Petitioner being a diligent utility has been seamlessly providing the said data of fuel in terms of the prescribed format (i.e. Form 15 of Annexure-I (Part I)) of the Tariff Regulations, 2019 to this Hon’ble Commission for computation of Interest on Working Capital.
 - (c) Thereafter, this Hon'ble Commission on 15.03.2024 notified the Tariff Regulations, 2024, wherein the format of Form 15 was changed/

amended by this Hon'ble Commission and a new format was placed in the Tariff Regulations 2024 in the month of June'2024.

- (d) By virtue of the said change, the Petitioner has been obligated to furnish the data of fuel for its existing plants month wise for the preceding 12 months i.e. for FY 2023-24 for computation of Interest on Working Capital.
- 17) It is humbly submitted that by virtue of the Tariff Regulations, 2024, this Hon'ble Commission has added a new format/ revised the format of Form-15 which has not prescribed in the past Tariff Regulations i.e. of 2019. Hence, it is only now (in the Tariff Regulations 2024) that the Petitioner has been obligated to furnish the data of fuel as per the new format of Form-15.
- 18) It is respectfully submitted that since the format for Form 15 has been changed in Tariff Regulations, 2024 and was notified in the month of June'2024, the Petitioner could not have been aware about the said changes earlier, hence the Petitioner did not maintain the data required in new format of Form 15 of Tariff Regulations, 2024.
- 19) Therefore, this Hon'ble Commission may kindly exempt the Petitioner from furnishing the data of fuel in terms of new format of Form 15 of the Tariff Regulations, 2024 & may be allowed to furnish the details of fuel for FY 2023-24 in terms of the prescribed format of Form-15 of the Tariff Regulations, 2019.
- 20) In light of the above submissions, it may kindly be noted that no prejudice shall be caused to any party if the Petitioner is allowed for providing the details of Landed Price & GCV of fuel to this Hon'ble Commission in terms of Form 15 of the Tariff Regulations, 2019 as the value of Landed
- 21) 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.
- 22) 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.

- 23) 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/notices.
- 24) In accordance with the 'Conduct of Business Regulations 2023' of the Hon'ble Commission, the Petitioner shall 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 along with the prayer for recovery of Publication Expenses as per Regulation-94 of CERC Tariff Regulations 2024.
- 25) It is submitted that the Petitioner has already paid the requisite filing fee vide transaction id 37c568eba62158b7b321 on 24.04.2024 for the year 2024-25 and the details of the same have been duly furnished to the Hon'ble Commission. 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.
- 26) It is submitted that the petitioner is filing this tariff petition subject to the outcome of its various appeals/ petitions pending before different courts. Besides, the petitions filed by NTPC for determination of capital base as on 31.3.2019 through true-up exercise are pending before the Hon'ble Commission and

would take some time. The Petitioner, therefore, reserves its right to amend the tariff petition as per the outcome in such appeals/ petitions, if required.

Prayers

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

- i) Approve tariff of FGPS for the tariff period 01.04.2024 to 31.03.2029.
- ii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries.
- iii) Allow the recovery of unrecovered depreciation after the completion of useful life of the station.
- iv) Allow the recovery of pay/wage revision as additional O&M over and above the normative O&M.
- v) Pass any other order as it may deem fit in the circumstances mentioned above.

Petitioner

Noida

Date- 21-11-2024

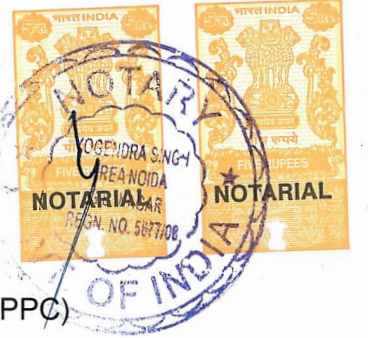
BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-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 Faridabad Gas Power Station for the period from 01.04.2024 to 31.03.2029

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

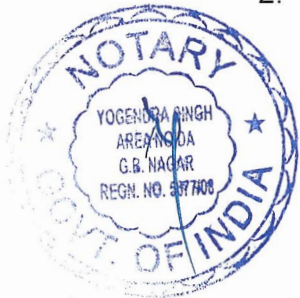
Respondents: Haryana Power Purchase Centre (HPPC)
Shakti Bhawan, Sector – VI,
Panchkula,
Haryana – 134 109



AFFIDAVIT

I, Parimal Piyush, Son of Late Bharat Mishra, aged about 49 years, resident of IN1-2004, Inspire, Eldeco Amantran, Sector-119, Noida (UP), do hereby solemnly affirm and state as follows:

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.
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.



परिमल पीयूष / PARIMAL PIYUSH
अपर महाप्रबन्धक (व्यावसायिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED
EOC, A-8A, Sector-24, Noida-201301 (U.P.)


3. That the contents of Para No.....1..... to 26..... 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.

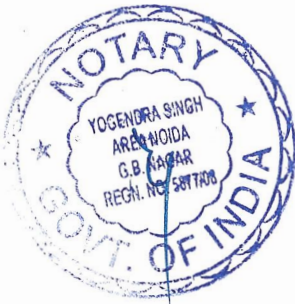
परिमल पीयूष/PARIMAL PIYUSH
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, Noida-201301 (U.P.)



(Deponent)

Verification:

Verified at Noida on this 21ST day of November 2024, that the contents of my above noted affidavit are true and correct to my knowledge and no part of it is false and nothing material has been concealed therefrom.


(Deponent)



ATTESTED

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

परिमल पीयूष/PARIMAL PIYUSH
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, Noida-201301 (U.P.)

12/11/ NOV 2024

TARIFF FILING FORMS (THERMAL)

**PETITION FOR DETERMINATION OF TARIFF
FOR**

Faridabad Gas Power Station

(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 Ash Transportation Expenses	NA
FORM-3C	Computation of Special Allowance	NA
FORM- 4	Details of Foreign loans	NA
FORM- 4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	✓
FORM-5A	Abstract of Claimed Capital Cost for the existing Projects	✓
FORM- 6	Financial Package upto COD	NA
FORM- 7	Details of Project Specific Loans	NA
FORM- 8	Details of Allocation of corporate loans to various projects	✓
FORM-9A	Summary of Statement of Additional Capitalisation claimed during the period	✓
FORM-9 ##	Statement of Additional Capitalisation after COD	✓
FORM- 10	Financing of Additional Capitalisation	✓
FORM- 11	Calculation of Depreciation on original project cost	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: Primary Fuel	✓
FORM- 15F	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

*** 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.	NA
	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.	NA
	List of supporting documents to be submitted:	
	a. Detailed Project Report	
	b. CPM Analysis	
	c. PERT Chart and Bar Chart	
d. Justification for cost and time Overrun		
8	Generating Company shall submit copy of Cost Audit Report along with cost accounting records, cost details, statements, schedules etc. for the Generating Unit wise /stage wise/Station wise/ and subsequently consolidated at Company level as submitted to the Govt. of India for first two years i.e. 2019-20 and 2020-21 at the time of mid-term true-up in 2021-22 and for balance period of tariff period 2019-24 at the time of final true-up in 2024-25. In case of initial tariff filing the latest available Cost Audit Report should be furnished.	***
9	Any other relevant information, (Please specify)	NA
10	Reconciliation with Balance sheet of any actual additional capitalization and amongst stages of a generating station	***
11	BBMB is maintaining the records as per the relevant applicable Acts. Formats specified herein may not be suitable to the available information with BBMB. BBMB may modify the formats suitably as per available information to them for submission of required information for tariff purpose.	NA

Summary of Tariff

Name of the Petitioner:		NTPC Limited							
Name of the Generating Station:		Faridabad Gas Power Station							
Place (Region/District/State):		Northern Region/ Faridabad/ Haryana							
								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	3,295.78	3,528.52	1,643.76	2,094.21	585.00	-	
1.2	Interest on Loan	Rs Lakh	0.00	-	25.46	25.36	-	-	
1.3	Return on Equity	Rs Lakh	8,983.90	8,996.35	5,813.72	5,940.37	5,976.99	5,976.99	
1.4	Interest on Working Capital	Rs Lakh	7,264.43	4,036.23	3,989.94	4,028.54	4,037.22	4,062.99	
1.5	O&M Expenses	Rs Lakh	10,018.69	9282.23	9752.56	10243.14	10763.62	11313.00	
1.6	Special Allowance (If applicable)	Rs Lakh							
1.7	Unrecovered Depreciation	Rs Lakh			367.82				
	Total	Rs Lakh	29562.79	25843.33	21593.25	22331.63	21362.83	21352.98	
	Energy Charge Rate ex-bus (Paise/kWh)	Rs/Unit	7.92	5.28					
								(Petitioner)	

Name of the Petitioner: NTPC Limited
Name of the Generating Station: Faridabad Gas Power Station

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	1,01,303.56	1,01,602.56	1,04,956.37	1,06,256.37	1,06,256.37
2	Add: Addition during the year/period	299.00	3,353.81	1,300.00	-	-
3	Less: De-capitalisation during the year/period	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-
5	Add: Discharges during the year/ period	-	-	-	-	-
6	Closing Capital Cost	1,01,602.56	1,04,956.37	1,06,256.37	1,06,256.37	1,06,256.37
7	Average Capital Cost	1,01,453.06	1,03,279.46	1,05,606.37	1,06,256.37	1,06,256.37

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	101303.56	101503.56	104124.56	105424.56	105424.56
2	Add: Addition during the year / period	200.00	2621.00	1300.00	0.00	0.00
3	Less: De-capitalisation during the year / period					
4	Less: Reversal during the year / period					
5	Add: Discharges during the year / period					
6	Closing Capital Cost	101503.56	104124.56	105424.56	105424.56	105424.56
7	Average Capital Cost	101403.56	102814.06	104774.56	105424.56	105424.56

Statement showing claimed capital cost eligible for RoE at one year MCLR + 350 bps subject to ceiling of 14.00% (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	0.00	99.00	831.81	831.81	831.81
2	Add: Addition during the year / period	99.00	732.81	0.00	0.00	0.00
3	Less: De-capitalisation during the year / period					
4	Less: Reversal during the year / period					
5	Add: Discharges during the year / period					
6	Closing Capital Cost	99.00	831.81	831.81	831.81	831.81
7	Average Capital Cost	49.50	465.41	831.81	831.81	831.81

(Petitioner)

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Faridabad Gas Power Station

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)	47,857.13	47,917.13	48,703.43	49,093.43	49,093.43
2	Less: Adjustment in Opening Equity	-	17,466.06	17,466.06	17,466.06	17,466.06
3	Adjustment during the year					
4	Net Opening Equity (Normal)	47,857.13	30,451.07	31,237.37	31,627.37	31,627.37
5	Add: Increase in equity due to addition during the year / period	60.00	786.30	390.00	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)	47,917.13	31,237.37	31,627.37	31,627.37	31,627.37
11	Average Equity (Normal)	47,887.13	30,844.22	31,432.37	31,627.37	31,627.37
12	Rate of ROE (%)	18.782	18.782	18.782	18.782	18.782
13	Total ROE	8,994.16	5,793.16	5,903.63	5,940.25	5,940.25

(Petitioner)

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Faridabad Gas Power Station

Statement showing Return on Equity linked to SBI MCLR+ 350 basis points

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)					
1	Gross Opening Equity (Normal)	0.00	29.70	249.54	249.54	249.54
2	Less: Adjustment in Opening Equity	0.00	0.00	0.00	0.00	0.00
3	Adjustment during the year					
4	Net Opening Equity (Normal)	0.00	29.70	249.54	249.54	249.54
5	Add: Increase in equity due to addition during the year / period	29.70	219.84	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)	29.70	249.54	249.54	249.54	249.54
11	Average Equity (Normal)	14.85	139.62	249.54	249.54	249.54
12A	Rate of ROE- Base Rate(%)	12.15	12.15	12.15	12.15	12.15
12B	Effective Tax Rate (%)	17.47	17.47	17.47	17.47	17.47
12C	Rate of ROE(Grossed Up) (%)	14.722	14.722	14.722	14.722	14.722
13	Total ROE	2.19	20.56	36.74	36.74	36.74

(Petitioner)

Plant Characteristics		PART-I		
		FORM-2		
Name of the Petitioner	NTPC Ltd			
Name of the Generating Station	Faridabad Gas Power Station			
Unit(s)/Block(s)/Parameters	GT-1	GT-2	ST-1	
Installed Capacity (MW)	140.827	140.827	149.932	
Schedule COD as per Investment Approval				
Actual COD	01.01.2001			
Pit Head or Non Pit Head or Integrated Mine	NA			
Name of the Boiler Manufacture				
Name of Turbine Generator Manufacture				
Main Steams Pressure at Turbine inlet (kg/Cm ²) abs	Not Applicable			
Main Steam Temperature at Turbine inlet (°C)				
Reheat Steam Pressure at Turbine inlet (kg/Cm ²)				
Reheat Steam Temperature at Turbine inlet (°C)				
Main Steam flow at Turbine inlet under MCR condition (tons /hr)				
Main Steam flow at Turbine inlet under VWO condition (tons /hr)				
Unit Gross electrical output under MCR /Rated condition (MW)				
Unit Gross electrical output under VWO condition (MW)				
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh)				
Conditions on which design turbine cycle heat rate guaranteed				
% MCR				
% Makeup Water Consumption				
Design Capacity of Make up Water System				
Design Capacity of Inlet Cooling System				
Design Cooling Water Temperature (°C)				
Back Pressure				
Steam flow at super heater outlet under BMCR condition (tons/hr)				
Steam Pressure at super heater outlet under				
BMCR condition) (kg/Cm ²)				
Steam Temperature at super heater outlet under				
BMCR condition (°C)				
Steam Temperature at Reheater outlet at BMCR condition (°C)				
Design / Guaranteed Boiler Efficiency (%)				
Design Fuel with and without Blending of domestic/imported coal				
Type of Cooling Tower	IDCT			
Type of cooling system	Closed Circuit			
Type of Boiler Feed Pump	Motor Driven			
Fuel Details				
-Primary Fuel	Natural Gas			
-Secondary Fuel	NA			
-Alternate Fuels	Naphtha/ HSD			
Special Features/Site Specific Features				
Special Technological Features				

Plant Characteristics			PART-I		
			FORM-2		
Name of the Petitioner	NTPC Ltd				
Name of the Generating Station	Faridabad Gas Power Station				
Unit(s)/Block(s)/Parameters	GT-1	GT-2	ST-1		
Environmental Regulation related features					
Any other special features					
Petitioner					

Normative parameters considered for tariff computations

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Faridabad Gas Power Station

(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 Add - cap beyond the original scope of work	%	7.258	12.150	12.150	12.150	12.150	12.150
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
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
β- Average Monthly Frequency Response Per	0-1	NA	Will be provided at the time of truing up				
Auxiliary Energy Consumption	%	2.75	2.75	2.75	2.75	2.75	2.75
Gross Station Heat Rate (For CC Operation)	kCal/kWh	1975.00	1975.00	1975.00	1975.00	1975.00	1975.00
Gross Station Heat Rate (For OC Operation)	kCal/kWh	2900.00	2900.00	2900.00	2900.00	2900.00	2900.00
Fuel Cost for WC	in Days	30	15	15	15	15	15
Liquid Fuel Stock for WC	in Days	15	15	15	15	15	15
O&M Expenses	Rs lakh/MW	20.19	18.18	19.14	20.14	21.2	22.32
Maintenance Spares for WC	% of O&M	30.00	30.00	30.00	30.00	30.00	30.00
Receivables for WC	in Days	45	45	45	45	45	45
SBI 1 Year MCLR plus 325 basis point ³	%	12.00	11.90	11.90	11.90	11.90	11.90

Petitioner

Part-I
FORM-3A
ADDITIONAL FORM

Calculation of O&M Expenses

Name of the Company :		NTPC Limited				
Name of the Power Station :		Faridabad Gas Power Station				
Amount in Rs. Lakhs						
S.No	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	7	8
1	O&M expenses under Reg.36(1)					
1a	Normative	7846.23	8260.56	8692.14	9149.62	9633.00
2	O&M expenses under Reg.36(1)(6)					
2a	Water Charges	300.00	300.00	300.00	300.00	300.00
2b	Secutiry expenses	1136.00	1192.00	1251.00	1314.00	1380.00
2c	Capital Spares	Shall be provided at the time of truing up				
	Total O&M Expenses	9282.23	9752.56	10243.14	10763.62	11313.00
Petitioner						

32.9603

Abstract of Admitted Capital Cost for the existing Projects

Name of the Company :	NTPC Limited	
Name of the Power Station :	Faridabad Gas Power Station	
Last date of order of Commission for the project		
	Date (DD-MM-YYYY)	31-03-2023
Reference of petition no. in which the above order was		
	Petition no.	487/GT/2020
Following details (whether admitted and /or considered) as on the last date of the period i.e. 31.03.2024 for which tariff is approved, in the above order by the Commission:		
Capital cost	(Rs. in lakh)	101646.21
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)		40.50
Gross Normative Debt		53837.04
Cumulative Repayment		53837.04
Net Normative Debt		0
Normative Equity		47809.17
Cumulative Depreciation		79114.50
Freehold land		10660.64
(Petitioner)		

Abstract of Claimed Capital Cost for the existing Projects

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

Reference of Final True-up Tariff Petition	Affidavit dated	21-11-2024
Capital Cost as on 31.03.2024/01.04.2024 as per Hon'ble Commission's Order dated 29-03-2023 in 487/GT/2020	Rs. Lakhs	1,01,646.21
Adjustment as per this petition		-342.65

Following details as considered by the Petitioner as **on the First date of the period i.e. 01.04.2024** for which tariff is claimed:

Capital cost as on 01.04.2024	(Rs. in lakh)*	101303.56
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		0
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)		317.26
Gross Normative Debt		53,446.43
Cumulative Repayment		56,579.25
Net Normative Debt		-
Gross Notional Equity		47,857.13
Adjustment to equity in terms of 1st proviso to Regulation 18(3)		-
Normative Equity		47,857.13
Cumulative Depreciation		78,225.19
Freehold land		10,660.64

(Petitioner)

(Amount in Rs. Lakh)

Particulars	73	75
Source of Loan - Bonds Series	INR	INR
Currency	INR	INR
Amount of Loan sanctioned (In Lakh)	2,50,000	3,00,000
Amount of Gross Loan drawn upto COD (In Lakh)	2,50,000	3,00,000
Interest Type	Fixed	Fixed
Fixed Interest Rate, if applicable	6.43%	6.69%
Base Rate, if Floating Interest	N/A	N/A
Margin, if Floating Interest	N/A	N/A
Are there any Caps/Floor	No	No
If above is yes,specify caps/floor	N/A	N/A
Moratorium Period (In Years)	10	10
Moratorium effective from*	27-01-2021	13-09-2021
Repayment Period	Bullet Repayment	Bullet Repayment
Repayment effective from	27-01-2031	13-09-2031
Repayment Frequency	Bullet Repayment	Bullet Repayment
Repayment Instalment (In Lakh)	2,50,000	3,00,000
Base Exchange Rate	N/A	N/A
Door to Door Maturity (In Years)	10	10

Name of the Projects	73	75
Anta Solar 90MW		650.00
Auraiya R&M	200.00	
Auraiya Solar 20MW	400.00	
Auraiya Solar FS 20MW		
Barauni-II		8,400.00
BARH I	51,100.00	42,800.00
BARH II		
BONGAIGAON		
CC		
CC - Jhabua Power		

Particulars		
CC - NEEPCO	18,243.00	48,250.00
CC - THDC	34,207.00	90,470.00
CHATTI BARIATU CMB	825.00	1,350.00
DADRI GAS R&M		200.00
DARLIPALLI	28,300.00	1,000.00
DULANGA COAL	2,700.00	4,100.00
FARAKKA III		
FARAKKA R&M	1,700.00	1,550.00
Farakka-I , II & III FGD		550.00
Faridabad R&M	100.00	700.00
GADARWARA	19,000.00	
Gandhar 20MW		90.00
KAHALGAON II		
KAHALGAON R&M	600.00	2,620.00
Kahalgaon-I & II FGD		
Kawas Solar		5,250.00
Kayamkulam FS (22 MW)	170.00	2,195.00
Kayamkulam FS (70 MW)	1,830.00	1,925.00
KHARGONE	3,000.00	
Kirenderi Coal Mine	7,350.00	165.00
KOLDAM		
KORBA III		
KORBA R&M	2,300.00	4,050.00
Korba-I, II & III FGD		
KUDGI		
KUDGI-FGD		1,000.00
LARA	1,700.00	
MAUDA I		
MAUDA II		2,200.00
Nabinagar		
NCPS-FGD		5,600.00
NCTPP II		
NCTPP R&M		
Nokh Solar Plot-I (245MW)		
Nokh Solar Plot-II (245MW)		
Nokh Solar Plot-III (245MW)		
NORTH KARANPURA	9,500.00	11,900.00
PAKRI BARWADIH CMB		
RAMAGUNDAM R&M		
Ramagundam Floating Solar-100 MW	3,375.00	8,640.00
Ramagundam I & II R&M	4,200.00	8,985.00
RAMAGUNDAM SOLAR		
Ramagundam-I & II FGD		100.00

Particulars		
Ramagundam-III (1x500 MW)		
RAMMAM	3,300.00	800.00
Rihand- I FGD		20.00
Rihand- II & III FGD		130.00
RIHAND III		
RIHAND R&M	1,200.00	6,275.00
Rihand Solar (20MW)		510.00
Simhadri Floating	1,875.00	525.00
SIMHADRI II		
SIMHADRI R&M		200.00
Simhadri-II & I (2x500 MW) & (2x500 MW) FGD		1,150.00
Singrauli R&M	4,200.00	2,725.00
Singrauli-I & II FGD		150.00
SIPAT I		
Sipat-I (3x660 MW) FGD		1,100.00
SIPAT II		
SOLAPUR		
Solapur Solar		2,575.00
Solapur-FGD		3,450.00
Talaipali Coal Mine	19,400.00	2,160.00
TALCHER II		
TALCHER R&M	500.00	
TANDA R&M		
TANDA II	9,500.00	1,000.00
TAPOVAN VISHNUGAD	6,200.00	1,500.00
TELANGANA	9,725.00	9,200.00
TSTPP R&M		640.00
TSTPS Stage-II & I FGD		
UNCHAHAR IV		
Unchahar R&M	500.00	1,050.00
Unchahar-I, II & III-FGD		5,100.00
Unchahar-IV-FGD		1,200.00
VINDHYACHAL IV		
VINDHYACHAL R&M	2,800.00	2,900.00
Vindhyachal-I & II FGD		900.00
TOTAL	2,50,000.00	3,00,000.00

BANK	RATE OF INTEREST	From	To	No. of Days	Weight	2024-25
HDFC-IX	7.95%	01-Apr-24	31-Mar-25	365.00	29.02	
				365.00	29.02	7.95%
HDFC-X	7.95%	01-Apr-24	31-Mar-25	365.00	29.02	
				365.00	29.02	7.95%

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Faridabad Gas Power Station
COD	01-01-2001
For Financial Year	2024-29 (Summary)

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual / Projected)					Regulations under which claimed	Admitted Cost by the Commission, if any
		2024-25	2025-26	2026-27	2027-28	2028-29		
1	2	3	4	5	6	7		9
A. Works eligible for RoE at Normal Rate								
1	Upgradation of ST & HRSG DCS (C&I)	200.00	2400.00	1,300.00		-	25(2)(c)	
2	Upgradation of Bus bar protection system of 220 kV Switchyard		221.00		-		25(2)(b),25(2)(c)	
	Total (A)	200.00	2,621.00	1,300.00	-	-		
B. Works eligible for Return on Equity linked to SBI MCLR:								
1	Chlorine Dioxide plant	99.00					26 (1) (b) & 26 (1) (d)	
2	Increase in BSDG stack height		46.00				26(1)(b)	
3	Augmentation of CCTV surveillance security in Plant		464.00				26(1)(d)	
4	Fire Fighting system in PCC		62.81				26(1)(d)	
5	Replacement of diesel Engine Pumps for fire water pump house & Foam Pump House		160.00				26(1)(b)	
	Total (B)	99.00	732.81	0.00	0.00	0.00		
Total Add. Cap. Claimed (A+B)		299.00	3,353.81	1,300.00	-	-		

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		NTPC Limited						
Name of the Generating Station		Faridabad Gas Power Station						
COD		01-01-2001						
For Financial Year		2024-25						
Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	ACE Claimed (Projected) Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3	Regulations under which claimed	Justification	Amount in Rs Lakh Admitted Cost by the Commission, if any
1	2	3	4	5=(3-4)	6	7	8	9
A. Works eligible for RoE at Normal Rate								
1	Upgradation of ST & HRSG DCS (C&I)	200.00		200.00		25(2)(c)	It is submitted that the DCS system deployed at Faridabad has been declared obsolete by OEM BHEL. (obsolescence Certificate attached as annexure A1). Consequently, the projected expenditures for upgrading these systems are essential to ensure the station's continued and efficient operation. In the view of above, it is humbly requested that Hon'ble Commission may be pleased to allow the same under Regulation 25(2)(c) of Tariff Regulations 2024 on account of obsolescence of Technology.	
Total (A)		200.00	-	200.00	-			
B. Works eligible for Return on Equity linked to SBI MCLR:								
1	Chlorine Dioxide plant	99.00		99.00		26 (1) (b) & 26 (1) (d)	<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 ClO2 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 insallation 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:</p> <p>"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"</p> <p>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.</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) and also under Regulation 26 (1)(d) which permits consideration for need for higher security and safety of the plant as advised or directed by statutory authorities responsible for national or internal security.</p>	
Total (B)		99.00	-	99.00	-			
Total Add. Cap. Claimed (A+B)		299.00	-	299.00	-			

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		NTPC Limited						
Name of the Generating Station		Faridabad Gas Power Station						
COD		01-01-2001						
For Financial Year		2025-26						
Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	ACE Claimed (Projected)			Regulations under which claimed	Justification	Amount in Rs Lakh 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 eligible for RoE at Normal Rate								
1	Upgradation of ST & HRSG DCS (C&I)	2,400.00		2,400.00		25(2)(c)	Refer to justification provided in Form 9 (2024-25) for same Item	
2	Upgradation of Bus bar protection system of 220 kV Switchyard	221.00		221.00		25(2)(b),25(2)(c)	It is submitted that CEA(Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022 mandates that the protective relays shall be of numerical type with self monitoring, diagnostic features and communication facility.Further existing busbar protection system has also been declared obsolete by OEM.(obsolescence Certificate attached as annexure A2). In the view of above, it is humbly requested that Hon'ble Commission may be pleased to allow the same under Regulation 25(2)(c) of Tariff Regulations 2024 on account of obsolescence of Technology.	
Total (A)		2,621.00	-	2,621.00	-			
B. Works eligible for Return on Equity linked to SBI MCLR:								
1	Increase in BSDG stack height	46.00		46.00		26(1)(b)	It is submitted that the Commission for Air Quality Management in the National Capital Region and Adjoining Areas, through its Direction No. 76 dated 29.09.2023, mandates a minimum stack height of 30 meters for DG sets greater than 800 kW (attached as Annexure-A3). To ensure compliance with this directive, we propose the projected capitalization for the required emission control measures. In light of the above, we respectfully request that the Hon'ble Commission approve the projected capitalization under Regulation 26(1)(b).	
2	Augmentation of CCTV surveillance security in Plant	464.00		464.00		26(1)(d)	It is submitted that the Petitioner has received a directive from the Central Industrial Security Force (CISF) under the Ministry of Home Affairs on 10.08.2024, mandating the augmentation of the CCTV security surveillance system in the instant station to provide better and effective security coverage. The communication in this regard is attached as Annexure A4 .It is submitted that CISF is the agency responsible for fire safety and security of Plant. The anticipated expenditure under this head is projected to be incurred to enhance the safety and security of the installation in line with the above mandate. In view of this requirement, it is humbly requested that the Commission allow this expenditure under Section 26(1)(d).	
3	Fire Fighting system in PCC	62.81		62.81		26(1)(d)	It is submitted that the Petitioner has received a directive from the Central Industrial Security Force (CISF) under the Ministry of Home Affairs on 04.01.2024, mandating the augmentation of the fire fighting system by means of installing Fire separation system in PCC room in the instant station . The communication in this regard is attached as Annexure A5 . It is submitted that CISF is the agency responsible for fire safety and security of Plant. The anticipated expenditure under this head is projected to be incurred to enhance the safety and security of the installation in line with the above mandate. In view of this requirement, it is humbly requested that the Commission allow this expenditure under Section 26(1)(d).	
4	Replacement of diesel Engine Pumps for fire water pump house & Foam Pump House	160.00		160.00		26(1)(b)	As per System and Procedure for Emission Compliance Testing of RECD for DG Set upto 800KW by CPCB, Dated 01.02.2022 (attached as annexure A6) The engines/generating sets manufactured & installed before 1.7.2004 or the engines which are not complying either Stage-I and/or Stage-II emission limits, such engines are to be scrapped. It is submitted that instant station Diesel engines were installed in 1999,. Therefore in order to comply with above mandate , it has become necessary to replace the existing engines. In the view of above, hon'ble commission may please allowe the expenditure projected under 26(1)(b).	
Total (B)		732.81	-	732.81	-			
Total Add. Cap. Claimed (A+B)		3,353.81	-	3,353.81	-			

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		NTPC Limited						
Name of the Generating Station		Faridabad Gas Power Station						
COD		01-01-2001						
For Financial Year		2026-27						
Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	ACE Claimed (Projected)			Regulations under which claimed	Justification	Amount in Rs Lakh
			Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			Admitted Cost by the Commission, if any
1	2	3	4	5= (3-4)	6	7	8	9
A. Works eligible for RoE at Normal Rate								
1	Upgradation of ST & HRSG DCS (C&I)	1,300.00		1300		25(2)(c)	Refer to justification provided in Form 9 (2024-25) for same Item	
Total (A)		1,300.00	-	1,300.00	-			
B. Works eligible for Return on Equity linked to SBI MCLR:								
NIL								
Total (B)		-	-	-	-			
Total Add. Cap. Claimed (A+B)		1,300.00	-	1,300.00	-			
(Petitioner)								

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner			NTPC Limited					
Name of the Generating Station			Faridabad Gas Power Station					
COD			01-01-2001					
For Financial Year			2027-28					
Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	ACE Claimed (Projected)			Regulations under which claimed	Justification	Amount in Rs Lakh
			Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			Admitted Cost by the Commission, if any
1	2	3	4	5= (3-4)	6	7	8	9
A. Works eligible for RoE at Normal Rate			NIL					
Total (A)		-	-	-	-	-	-	-
B. Works eligible for Return on Equity linked to SBI MCLR:			NIL					
Total (B)		-	-	-	-	-	-	-
Total Add. Cap. Claimed (A+B)		-	-	-	-	-	-	-

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		NTPC Limited						
Name of the Generating Station		Faridabad Gas Power Station						
COD		01-01-2001						
For Financial Year		2028-29						
Sl. No.	Head of Work /Equipment	Accrual basis as per IGAAP	ACE Claimed (Projected)			Regulations under which claimed	Justification	Amount in Rs Lakh
			Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			Admitted Cost by the Commission, if any
1	2	3	4	5= (3-4)	6	7	8	9
A. Works eligible for RoE at Normal Rate								
NIL								
Total (A)		-	-	-	-			
B. Works eligible for Return on Equity linked to SBI MCLR:								
NIL								
Total (B)		-	-	-	-			
Total Add. Cap. Claimed (A+B)		-	-	-	-			
(Petitioner)								

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Faridabad Gas Power Station
Date of Commercial Operation	01-01-2001

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

Amount capitalised in Work/ Equipment

Financing Details	<p>Add cap is proposed to be finance in Debt:Equity ratio of 70:30</p>
Loan-1	

(Petitioner)

Statement of Depreciation**Name of the Company :** NTPC Limited**Name of the Power Station :** Faridabad Gas Power Station

(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	1,01,139.33	1,01,303.56	1,01,602.56	1,04,956.37	1,06,256.37	1,06,256.37
2	Closing Capital Cost	1,01,303.56	1,01,602.56	1,04,956.37	1,06,256.37	1,06,256.37	1,06,256.37
3	Average Capital Cost	1,01,221.44	1,01,453.06	1,03,279.46	1,05,606.37	1,06,256.37	1,06,256.37
1a	*Cost of IT Equipments & Software included in (1) above	389.95	405.31	405.31	405.31	405.31	405.31
2a	*Cost of IT Equipments & Software included in (2) above	405.31	405.31	405.31	405.31	405.31	405.31
3a	*Average Cost of IT Equipments & Software	397.63	405.31	405.31	405.31	405.31	405.31
4	Freehold land	10,660.64	10,660.64	10,660.64	10,660.64	10,660.64	10,660.64
8	Rate of depreciation						
6	Depreciable value	81,544.49	81,753.71	83,397.47	85,491.69	86,076.69	86,076.69
9	Balance useful life at the beginning of the period	1.99	0.99	-	-	-	-
9	Depreciation (for the period)	3,295.78	3,528.52	1,643.76	2,094.21	585.00	-
10	Depreciation (annualised)	3,295.78	3,528.52	1,643.76	2,094.21	585.00	-
11	Cumulative depreciation at the end of the period	78,281.67	81,753.71	83,397.47	85,491.69	86,076.69	86,076.69
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	56.48					
15	Net Cumulative depreciation at the end of the period after adjustments	78,225.19	81,753.71	83,397.47	85,491.69	86,076.69	86,076.69

***to be provided at the time of truing up.**

(Petitioner)

(Amount in
Lacs)

Sl. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	HDFC-IX					
	Gross loan - Opening	150.00	150.00	150.00	150.00	150.00
	Cumulative repayments of Loans	0.00	12.50	25.00	37.50	50.00
	Net loan - Opening	150.00	137.50	125.00	112.50	100.00
	Addition	0.00	0.00	0.00	0.00	0.00
	Total	150.00	137.50	125.00	112.50	100.00
	Repayments of Loans during the year	12.50	12.50	12.50	12.50	12.50
	Net loan - Closing	137.50	125.00	112.50	100.00	87.50
	Average Net Loan	143.75	131.25	118.75	106.25	93.75
	Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
	Interest on loan	11.43	10.43	9.44	8.45	7.45
2	HDFC-X					
	Gross loan - Opening	500.00	500.00	500.00	500.00	500.00
	Cumulative repayments of Loans	0.00	0.00	41.67	83.33	125.00
	Net loan - Opening	500.00	500.00	458.33	416.67	375.00
	Addition	0.00	0.00	0.00	0.00	0.00
	Total	500.00	500.00	458.33	416.67	375.00
	Repayments of Loans during the year	0.00	41.67	41.67	41.67	41.67
	Net loan - Closing	500.00	458.33	416.67	375.00	333.33
	Average Net Loan	500.00	479.17	437.50	395.83	354.17
	Rate of Interest on Loan	7.9500%	7.9500%	7.9500%	7.9500%	7.9500%
	Interest on loan	39.75	38.09	34.78	31.47	28.16
3	BOND 73					
	Gross loan - Opening	100.00	100.00	100.00	100.00	100.00
	Cumulative repayments of Loans	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	100.00	100.00	100.00	100.00	100.00
	Addition	0.00	0.00	0.00	0.00	0.00
	Total	100.00	100.00	100.00	100.00	100.00
	Repayments of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	100.00	100.00	100.00	100.00	100.00
	Average Net Loan	100.00	100.00	100.00	100.00	100.00
	Rate of Interest on Loan	6.4600%	6.4600%	6.4600%	6.4600%	6.4600%
	Interest on loan	6.46	6.46	6.46	6.46	6.46
4	BOND 75					

(Amount in
Lacs)

Sl. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
	Gross loan - Opening	700.00	700.00	700.00	700.00	700.00
	Cumulative repayments of Loans	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	700.00	700.00	700.00	700.00	700.00
	Addition	0.00	0.00	0.00	0.00	0.00
	Total	700.00	700.00	700.00	700.00	700.00
	Repayments of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	700.00	700.00	700.00	700.00	700.00
	Average Net Loan	700.00	700.00	700.00	700.00	700.00
	Rate of Interest on Loan	6.7200%	6.7200%	6.7200%	6.7200%	6.7200%
	Interest on loan	47.04	47.04	47.04	47.04	47.04
	TOTAL					
	Gross loan - Opening	1450.00	1450.00	1450.00	1450.00	1450.00
	Cumulative repayments of Loans	0.00	12.50	66.67	120.83	175.00
	Net loan - Opening	1450.00	1437.50	1383.33	1329.17	1275.00
	Addition	0.00	0.00	0.00	0.00	0.00
	Total	1450.00	1437.50	1383.33	1329.17	1275.00
	Repayments of Loans during the year	12.50	54.17	54.17	54.17	54.17
	Net loan - Closing	1437.50	1383.33	1329.17	1275.00	1220.83
	Average Net Loan	1443.75	1410.42	1356.25	1302.08	1247.92
	Rate of Interest on Loan	7.2504%	7.2339%	7.2053%	7.1743%	7.1407%
	Interest on loan	104.68	102.03	97.72	93.42	89.11

**Details/Information to be submitted in respect of Fuel for Computation of Energy Charges
NTPC LTD.**

Faridabad Gas Power Station, Faridabad

S. No.	Particulars	Unit	Month		Form-15		Total Liquid Fuel (Naphtha+HSD)
			Apr-23		Liquid fuel		
			NG	RLNG-GAIL	Naphtha	HSD	
A)	OPENING QUANTITY						
1	Opening Quantity of NG/RLNG/Liquid Fuel	SCM / KL			6,019	278	6,297
2	Value of Stock	Rs.			18,96,11,822	2,16,77,843	21,12,89,665
B)	QUANTITY						
3	Quantity of NG/RLNG/Liquid Fuel supplied by Fuel Suppliers	SCM / KL	-	28,71,612			
4	Adjustment (+/-) in quantity supplied made by NG/RLNG/Liquid Fuel	SCM / KL					
5	NG/RLNG/Liquid Fuel supplied by Fuel Suppliers (3+4)	SCM / KL	-	28,71,612	-	-	-
6	Normative Transit & Handling Losses (For Gas Projects)	SCM / KL					
7	Net NG/RLNG/Liquid Fuel Supplied (5-6)	SCM / KL	-	28,71,612	-	-	-
C)	PRICE						
8	Amount charged for the NG/RLNG/Liquid Fuel By the Suppliers	Rs.	-	13,81,16,353			
9	Adjustment (+/-) in amount charged made by Fuel Suppliers for NG/RLNG/Liquid Fuel	Rs.					
10	Handling, Sampling and such other similar charges	Rs.					
11	Total amount Charged (8+9+10)	Rs.	-	13,81,16,353	-	-	-
D)	TRANSPORTATION						
12	Transportation charges by rail, ship, road transport	Rs.	-	-			
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.					
14	Demurrage Charges, if any	Rs.					
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.					
16	Total Transportation Charges (12+13+14+15)	Rs.	-	-	-	-	-
17	Total amount Charged for NG/RLNG/Liquid Fuel supplied including Transportation (11+16)	Rs.	-	13,81,16,353	-	-	-
E)	TOTAL COST						
18	Landed cost of NG/RLNG/Liquid Fuel (2+17)/(1+7)	Rs/1000 SCM / Rs. Per KL	22,944.00	48,097.15	31,502.21	78,013.77	
19	Blending Ratio (Domestic /Imported)	%	NA	NA	NA	NA	
20	Weighted average cost of NG/RLNG/Liquid Fuel	Rs/1000 SCM / Rs. Per KL	22,944.00	48,097.15			39,181.93
F)	QUALITY						
21	GCV of NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	8158	9015	8329
22	GCV of NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	9070	NA	NA	NA
23	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
24	GCV of Imported NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
25	Weighted average GCV of NG/RLNG/Liquid Fuel as Billed	(Kcal/SCM)/ Kcal/KL	9178	9070	8158	9015	8329
26	GCV of NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	8158	9015	8329
27	GCV of NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	9070	NA	NA	NA
28	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
29	GCV of Imported NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
30	Weighted average GCV of NG/RLNG/Liquid Fuel as Received	(Kcal/SCM)/ Kcal/KL	9178	9070	NA	NA	8329

Remarks:

Wherever purchases/consumption is not made during the month, previous Weighted Average Cost or latest market rate & GCV are updated for reference.

**Details/Information to be submitted in respect of Fuel for Computation of Energy Charges
NTPC LTD.**

Faridabad Gas Power Station, Faridabad

S. No.	Particulars	Unit	Month		Form-15		Total Liquid Fuel (Naphtha+HSD)
			May-23		Liquid fuel		
			NG	RLNG-GAIL	Naphtha	HSD	
A)	OPENING QUANTITY						
1	Opening Quantity of NG/RLNG/Liquid Fuel	SCM / KL			6,019	278	6,297
2	Value of Stock	Rs.			18,96,11,822	2,16,77,843	21,12,89,665
B)	QUANTITY						
3	Quantity of NG/RLNG/Liquid Fuel supplied by Fuel Suppliers	SCM / KL	-	27,06,967			
4	Adjustment (+/-) in quantity supplied made by NG/RLNG/Liquid Fuel	SCM / KL					
5	NG/RLNG/Liquid Fuel supplied by Fuel Suppliers (3+4)	SCM / KL	-	27,06,967	-	-	-
6	Normative Transit & Handling Losses (For Gas Projects)	SCM / KL					
7	Net NG/RLNG/Liquid Fuel Supplied (5-6)	SCM / KL	-	27,06,967	-	-	-
C)	PRICE						
8	Amount charged for the NG/RLNG/Liquid Fuel By the Suppliers	Rs.	-	13,47,52,368			
9	Adjustment (+/-) in amount charged made by Fuel Suppliers for NG/RLNG/Liquid Fuel	Rs.					
10	Handling, Sampling and such other similar charges	Rs.					
11	Total amount Charged (8+9+10)	Rs.	-	13,47,52,368	-	-	-
D)	TRANSPORTATION						
12	Transportation charges by rail, ship, road transport	Rs.	-	-			
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.					
14	Demurrage Charges, if any	Rs.					
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.					
16	Total Transportation Charges (12+13+14+15)	Rs.	-	-	-	-	-
17	Total amount Charged for NG/RLNG/Liquid Fuel supplied including Transportation (11+16)	Rs.	-	13,47,52,368	-	-	-
E)	TOTAL COST						
18	Landed cost of NG/RLNG/Liquid Fuel (2+17)/(1+7)	Rs/1000 SCM / Rs. Per KL	22,944.00	49,779.83	31,502.21	78,013.77	
19	Blending Ratio (Domestic /Imported)	%	NA	NA	NA	NA	
20	Weighted average cost of NG/RLNG/Liquid Fuel	Rs/1000 SCM / Rs. Per KL	22,944.00	49,779.83			39,181.93
F)	QUALITY						
21	GCV of NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	8158	9015	8329
22	GCV of NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	9268	NA	NA	NA
23	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
24	GCV of Imported NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
25	Weighted average GCV of NG/RLNG/Liquid Fuel as Billed	(Kcal/SCM)/ Kcal/KL	9178	9268	8158	9015	8329
26	GCV of NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	8158	9015	8329
27	GCV of NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	9268	NA	NA	NA
28	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
29	GCV of Imported NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
30	Weighted average GCV of NG/RLNG/Liquid Fuel as Received	(Kcal/SCM)/ Kcal/KL	9178	9268	NA	NA	8329

Remarks:

Wherever purchases/consumption is not made during the month, previous Weighted Average Cost or latest market rate & GCV are updated for reference.

**Details/Information to be submitted in respect of Fuel for Computation of Energy Charges
NTPC LTD.**

Faridabad Gas Power Station, Faridabad

S. No.	Particulars	Unit	Month		Form-15		Total Liquid Fuel (Naphtha+HSD)
			Jun-23		Liquid fuel		
			NG	RLNG-GAIL	Naphtha	HSD	
A)	OPENING QUANTITY						
1	Opening Quantity of NG/RLNG/Liquid Fuel	SCM / KL			6,019	278	6,297
2	Value of Stock	Rs.			18,96,11,822	2,16,77,843	21,12,89,665
B)	QUANTITY						
3	Quantity of NG/RLNG/Liquid Fuel supplied by Fuel Suppliers	SCM / KL	-	1,20,42,835			
4	Adjustment (+/-) in quantity supplied made by NG/RLNG/Liquid Fuel	SCM / KL					
5	NG/RLNG/Liquid Fuel supplied by Fuel Suppliers (3+4)	SCM / KL	-	1,20,42,835	-	-	-
6	Normative Transit & Handling Losses (For Gas Projects)	SCM / KL					
7	Net NG/RLNG/Liquid Fuel Supplied (5-6)	SCM / KL	-	1,20,42,835	-	-	-
C)	PRICE						
8	Amount charged for the NG/RLNG/Liquid Fuel By the Suppliers	Rs.	-	59,51,53,933			
9	Adjustment (+/-) in amount charged made by Fuel Suppliers for NG/RLNG/Liquid Fuel	Rs.					
10	Handling, Sampling and such other similar charges	Rs.					
11	Total amount Charged (8+9+10)	Rs.	-	59,51,53,933	-	-	-
D)	TRANSPORTATION						
12	Transportation charges by rail, ship, road transport	Rs.	-	-			
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.					
14	Demurrage Charges, if any	Rs.					
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.					
16	Total Transportation Charges (12+13+14+15)	Rs.	-	-	-	-	-
17	Total amount Charged for NG/RLNG/Liquid Fuel supplied including Transportation (11+16)	Rs.	-	59,51,53,933	-	-	-
E)	TOTAL COST						
18	Landed cost of NG/RLNG/Liquid Fuel (2+17)/(1+7)	Rs/1000 SCM / Rs. Per KL	22,944.00	49,419.75	31,502.21	78,013.77	
19	Blending Ratio (Domestic /Imported)	%	NA	NA	NA	NA	
20	Weighted average cost of NG/RLNG/Liquid Fuel	Rs/1000 SCM / Rs. Per KL	22,944.00	49,419.75			39,181.93
F)	QUALITY						
21	GCV of NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	8158	9015	8329
22	GCV of NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	9420	NA	NA	NA
23	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
24	GCV of Imported NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
25	Weighted average GCV of NG/RLNG/Liquid Fuel as Billed	(Kcal/SCM)/ Kcal/KL	9178	9420	8158	9015	8329
26	GCV of NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	8158	9015	8329
27	GCV of NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	9420	NA	NA	NA
28	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
29	GCV of Imported NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
30	Weighted average GCV of NG/RLNG/Liquid Fuel as Received	(Kcal/SCM)/ Kcal/KL	9178	9420	NA	NA	8329

Remarks:

Wherever purchases/consumption is not made during the month, previous Weighted Average Cost or latest market rate & GCV are updated for reference.

**Details/Information to be submitted in respect of Fuel for Computation of Energy Charges
NTPC LTD.**

Faridabad Gas Power Station, Faridabad

S. No.	Particulars	Unit	Month		Form-15		Total Liquid Fuel (Naphtha+HSD)
			Jul-23		Liquid fuel		
			NG	RLNG-GAIL	Naphtha	HSD	
A)	OPENING QUANTITY						
1	Opening Quantity of NG/RLNG/Liquid Fuel	SCM / KL			6,019	278	6,297
2	Value of Stock	Rs.			18,96,11,822	2,16,77,843	21,12,89,665
B)	QUANTITY						
3	Quantity of NG/RLNG/Liquid Fuel supplied by Fuel Suppliers	SCM / KL	-	18,988			
4	Adjustment (+/-) in quantity supplied made by NG/RLNG/Liquid Fuel	SCM / KL					
5	NG/RLNG/Liquid Fuel supplied by Fuel Suppliers (3+4)	SCM / KL	-	18,988	-	-	-
6	Normative Transit & Handling Losses (For Gas Projects)	SCM / KL					
7	Net NG/RLNG/Liquid Fuel Supplied (5-6)	SCM / KL	-	18,988	-	-	-
C)	PRICE						
8	Amount charged for the NG/RLNG/Liquid Fuel By the Suppliers	Rs.	-	9,10,823			
9	Adjustment (+/-) in amount charged made by Fuel Suppliers for NG/RLNG/Liquid Fuel	Rs.					
10	Handling, Sampling and such other similar charges	Rs.					
11	Total amount Charged (8+9+10)	Rs.	-	9,10,823	-	-	-
D)	TRANSPORTATION						
12	Transportation charges by rail, ship, road transport	Rs.	-	-			
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.					
14	Demurrage Charges, if any	Rs.					
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.					
16	Total Transportation Charges (12+13+14+15)	Rs.	-	-	-	-	-
17	Total amount Charged for NG/RLNG/Liquid Fuel supplied including Transportation (11+16)	Rs.	-	9,10,823	-	-	-
E)	TOTAL COST						
18	Landed cost of NG/RLNG/Liquid Fuel (2+17)/(1+7)	Rs/1000 SCM / Rs. Per KL	22,944.00	47,968.35	31,502.21	78,013.77	
19	Blending Ratio (Domestic /Imported)	%	NA	NA	NA	NA	
20	Weighted average cost of NG/RLNG/Liquid Fuel	Rs/1000 SCM / Rs. Per KL	22,944.00	47,968.35			39,181.93
F)	QUALITY						
21	GCV of NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	8158	9015	8329
22	GCV of NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	9354	NA	NA	NA
23	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
24	GCV of Imported NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
25	Weighted average GCV of NG/RLNG/Liquid Fuel as Billed	(Kcal/SCM)/ Kcal/KL	9178	9354	8158	9015	8329
26	GCV of NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	8158	9015	8329
27	GCV of NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	9354	NA	NA	NA
28	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
29	GCV of Imported NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA
30	Weighted average GCV of NG/RLNG/Liquid Fuel as Received	(Kcal/SCM)/ Kcal/KL	9178	9354	NA	NA	8329

Remarks:

Wherever purchases/consumption is not made during the month, previous Weighted Average Cost or latest market rate & GCV are updated for reference.

**Details/Information to be submitted in respect of Fuel for Computation of Energy Charges
NTPC LTD.**

Faridabad Gas Power Station, Faridabad

Fuel: NG,RLNG & Liquid Fuel		Month	Aug-23			Form-15		Total Liquid Fuel (Naphtha+HSD)
S. No.	Particulars	Unit	NG	RLNG-LT	RLNG-SPOT	Liquid fuel		
						Naphtha	HSD	
A)	OPENING QUANTITY							
1	Opening Quantity of NG/RLNG/Liquid Fuel	SCM / KL				6,019	278	6,297
2	Value of Stock	Rs.				18,96,11,822	2,16,77,843	21,12,89,665
B)	QUANTITY							
3	Quantity of NG/RLNG/Liquid Fuel supplied by Fuel Suppliers	SCM / KL	-	6,16,572	56,75,081			
4	Adjustment (+/-) in quantity supplied made by NG/RLNG/Liquid Fuel	SCM / KL						
5	NG/RLNG/Liquid Fuel supplied by Fuel Suppliers (3+4)	SCM / KL	-	6,16,572	56,75,081	-	-	-
6	Normative Transit & Handling Losses (For Gas Projects)	SCM / KL						
7	Net NG/RLNG/Liquid Fuel Supplied (5-6)	SCM / KL	-	6,16,572	56,75,081	-	-	-
C)	PRICE							
8	Amount charged for the NG/RLNG/Liquid Fuel By the Suppliers	Rs.	-	2,82,13,651	26,06,05,291			
9	Adjustment (+/-) in amount charged made by Fuel Suppliers for NG/RLNG/Liquid Fuel	Rs.						
10	Handling, Sampling and such other similar charges	Rs.						
11	Total amount Charged (8+9+10)	Rs.	-	2,82,13,651	26,06,05,291	-	-	-
D)	TRANSPORTATION							
12	Transportation charges by rail, ship, road transport	Rs.	-	-	-			
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.						
14	Demurrage Charges, if any	Rs.						
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.						
16	Total Transportation Charges (12+13+14+15)	Rs.	-	-	-	-	-	-
17	Total amount Charged for NG/RLNG/Liquid Fuel supplied including Transportation (11+16)	Rs.	-	2,82,13,651	26,06,05,291	-	-	-
E)	TOTAL COST							
18	Landed cost of NG/RLNG/Liquid Fuel (2+17)/(1+7)	Rs/1000 SCM / Rs. Per KL	22,944.00	45,758.91	45,920.98	31,502.21	78,051.97	
19	Blending Ratio (Domestic /Imported)	%	NA	NA		NA	NA	
20	Weighted average cost of NG/RLNG/Liquid Fuel	Rs/1000 SCM / Rs. Per KL	22,944.00	45,758.91	45,920.98			39,181.93
F)	QUALITY							
21	GCV of NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	8158	9015	8329
22	GCV of NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	9193	9140	NA	NA	NA
23	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
24	GCV of Imported NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
25	Weighted average GCV of NG/RLNG/Liquid Fuel as Billed	(Kcal/SCM)/ Kcal/KL	9178	9193	9140	8158	9015	8329
26	GCV of NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	8158	9015	8329
27	GCV of NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	9193	9140	NA	NA	NA
28	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
29	GCV of Imported NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
30	Weighted average GCV of NG/RLNG/Liquid Fuel as Received	(Kcal/SCM)/ Kcal/KL	9178	9193	9140	NA	NA	8329

Remarks:

Wherever purchases/consumption is not made during the month, previous Weighted Average Cost or latest market rate & GCV are updated for reference.

**Details/Information to be submitted in respect of Fuel for Computation of Energy Charges
NTPC LTD.**

Faridabad Gas Power Station, Faridabad

Fuel: NG,RLNG & Liquid Fuel		Month	Sep-23			Form-15		Total Liquid Fuel (Naphtha+HSD)
S. No.	Particulars	Unit	NG	RLNG-LT	RLNG-SPOT	Liquid fuel		
							Naphtha	HSD
A) OPENING QUANTITY								
1	Opening Quantity of NG/RLNG/Liquid Fuel	SCM / KL				6,019	278	6,297
2	Value of Stock	Rs.				18,96,11,822	2,16,77,843	21,12,89,665
B) QUANTITY								
3	Quantity of NG/RLNG/Liquid Fuel supplied by Fuel Suppliers	SCM / KL	-	49,95,932				
4	Adjustment (+/-) in quantity supplied made by NG/RLNG/Liquid Fuel	SCM / KL						
5	NG/RLNG/Liquid Fuel supplied by Fuel Suppliers (3+4)	SCM / KL	-	49,95,932	-	-	-	-
6	Normative Transit & Handling Losses (For Gas Projects)	SCM / KL						
7	Net NG/RLNG/Liquid Fuel Supplied (5-6)	SCM / KL	-	49,95,932	-	-	-	-
C) PRICE								
8	Amount charged for the NG/RLNG/Liquid Fuel By the Suppliers	Rs.	-	23,99,02,224				
9	Adjustment (+/-) in amount charged made by Fuel Suppliers for NG/RLNG/Liquid Fuel	Rs.						
10	Handling, Sampling and such other similar charges	Rs.						
11	Total amount Charged (8+9+10)	Rs.	-	23,99,02,224	-	-	-	-
D) TRANSPORTATION								
12	Transportation charges by rail, ship, road transport	Rs.	-	-	-			
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.						
14	Demurrage Charges, if any	Rs.						
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.						
16	Total Transportation Charges (12+13+14+15)	Rs.	-	-	-	-	-	-
17	Total amount Charged for NG/RLNG/Liquid Fuel supplied including Transportation (11+16)	Rs.	-	23,99,02,224	-	-	-	-
E) TOTAL COST								
18	Landed cost of NG/RLNG/Liquid Fuel (2+17)/(1+7)	Rs/1000 SCM / Rs. Per KL	22,944.00	48,019.51	45,920.98	31,502.21	78,051.97	
19	Blending Ratio (Domestic /Imported)	%	NA	NA		NA	NA	
20	Weighted average cost of NG/RLNG/Liquid Fuel	Rs/1000 SCM / Rs. Per KL	22,944.00	48,019.51	45,920.98			39,181.93
F) QUALITY								
21	GCV of NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/Kcal/KL	NA	NA	NA	8158	9015	8329
22	GCV of NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/Kcal/KL	NA	9206	9140	NA	NA	NA
23	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/Kcal/KL	NA	NA	NA	NA	NA	NA
24	GCV of Imported NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/Kcal/KL	NA	NA	NA	NA	NA	NA
25	Weighted average GCV of NG/RLNG/Liquid Fuel as Billed	(Kcal/SCM)/Kcal/KL	9178	9206	9140	8158	9015	8329
26	GCV of NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/Kcal/KL	NA	NA	NA	8158	9015	8329
27	GCV of NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/Kcal/KL	NA	9206	9140	NA	NA	NA
28	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/Kcal/KL	NA	NA	NA	NA	NA	NA
29	GCV of Imported NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/Kcal/KL	NA	NA	NA	NA	NA	NA
30	Weighted average GCV of NG/RLNG/Liquid Fuel as Received	(Kcal/SCM)/Kcal/KL	9178	9206	9140	NA	NA	8329

Remarks:

Wherever purchases/consumption is not made during the month, previous Weighted Average Cost or latest market rate & GCV are updated for reference.

**Details/Information to be submitted in respect of Fuel for Computation of Energy Charges
NTPC LTD.**

Faridabad Gas Power Station, Faridabad

Fuel: NG,RLNG & Liquid Fuel		Month	Oct-23		Form-15			
S. No.	Particulars	Unit	NG	RLNG-LT	RLNG-SPOT	Liquid fuel		Total Liquid Fuel (Naphtha+HSD)
						Naphtha	HSD	
A) OPENING QUANTITY								
1	Opening Quantity of NG/RLNG/Liquid Fuel	SCM / KL				6,019	278	6,297
2	Value of Stock	Rs.				18,96,11,822	2,16,77,843	21,12,89,665
B) QUANTITY								
3	Quantity of NG/RLNG/Liquid Fuel supplied by Fuel Suppliers	SCM / KL	-	39,32,428				
4	Adjustment (+/-) in quantity supplied made by NG/RLNG/Liquid Fuel	SCM / KL						
5	NG/RLNG/Liquid Fuel supplied by Fuel Suppliers (3+4)	SCM / KL	-	39,32,428	-	-	-	-
6	Normative Transit & Handling Losses (For Gas Projects)	SCM / KL						
7	Net NG/RLNG/Liquid Fuel Supplied (5-6)	SCM / KL	-	39,32,428	-	-	-	-
C) PRICE								
8	Amount charged for the NG/RLNG/Liquid Fuel By the Suppliers	Rs.	-	20,71,27,843				
9	Adjustment (+/-) in amount charged made by Fuel Suppliers for NG/RLNG/Liquid Fuel	Rs.						
10	Handling, Sampling and such other similar charges	Rs.						
11	Total amount Charged (8+9+10)	Rs.	-	20,71,27,843	-	-	-	-
D) TRANSPORTATION								
12	Transportation charges by rail, ship, road transport	Rs.	-	-	-			
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.						
14	Demurrage Charges, if any	Rs.						
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.						
16	Total Transportation Charges (12+13+14+15)	Rs.	-	-	-	-	-	-
17	Total amount Charged for NG/RLNG/Liquid Fuel supplied including Transportation (11+16)	Rs.	-	20,71,27,843	-	-	-	-
E) TOTAL COST								
18	Landed cost of NG/RLNG/Liquid Fuel (2+17)/(1+7)	Rs/1000 SCM / Rs. Per KL	22,944.00	52,671.74	45,920.98	31,502.21	78,051.97	
19	Blending Ratio (Domestic /Imported)	%	NA	NA		NA	NA	
20	Weighted average cost of NG/RLNG/Liquid Fuel	Rs/1000 SCM / Rs. Per KL	22,944.00	52,671.74	45,920.98			39,181.93
F) QUALITY								
21	GCV of NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	8158	9015	8329
22	GCV of NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	9378	9140	NA	NA	NA
23	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
24	GCV of Imported NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
25	Weighted average GCV of NG/RLNG/Liquid Fuel as Billed	(Kcal/SCM)/ Kcal/KL	9178	9378	9140	8158	9015	8329
26	GCV of NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	8158	9015	8329
27	GCV of NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	9378	9140	NA	NA	NA
28	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
29	GCV of Imported NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
30	Weighted average GCV of NG/RLNG/Liquid Fuel as Received	(Kcal/SCM)/ Kcal/KL	9178	9378	9140	NA	NA	8329

Remarks:

Wherever purchases/consumption is not made during the month, previous Weighted Average Cost or latest market rate & GCV are updated for reference.

**Details/Information to be submitted in respect of Fuel for Computation of Energy Charges
NTPC LTD.**

Faridabad Gas Power Station, Faridabad

Fuel: NG,RLNG & Liquid Fuel		Month	Nov-23		Form-15			
S. No.	Particulars	Unit	NG	RLNG-LT	RLNG-SPOT	Liquid fuel		Total Liquid Fuel (Naptha+HSD)
						Naphtha	HSD	
A) OPENING QUANTITY								
1	Opening Quantity of NG/RLNG/Liquid Fuel	SCM / KL				6,019	278	6,297
2	Value of Stock	Rs.				18,96,11,822	2,16,77,843	21,12,89,665
B) QUANTITY								
3	Quantity of NG/RLNG/Liquid Fuel supplied by Fuel Suppliers	SCM / KL	-	-	6,409			
4	Adjustment (+/-) in quantity supplied made by NG/RLNG/Liquid Fuel	SCM / KL						
5	NG/RLNG/Liquid Fuel supplied by Fuel Suppliers (3+4)	SCM / KL	-	-	6,409	-	-	-
6	Normative Transit & Handling Losses (For Gas Projects)	SCM / KL						
7	Net NG/RLNG/Liquid Fuel Supplied (5-6)	SCM / KL	-	-	6,409	-	-	-
C) PRICE								
8	Amount charged for the NG/RLNG/Liquid Fuel By the Suppliers	Rs.	-	-	3,77,500			
9	Adjustment (+/-) in amount charged made by Fuel Suppliers for NG/RLNG/Liquid Fuel	Rs.						
10	Handling, Sampling and such other similar charges	Rs.						
11	Total amount Charged (8+9+10)	Rs.	-	-	3,77,500	-	-	-
D) TRANSPORTATION								
12	Transportation charges by rail, ship, road transport	Rs.	-	-	-			
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.						
14	Demurrage Charges, if any	Rs.						
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.						
16	Total Transportation Charges (12+13+14+15)	Rs.	-	-	-	-	-	-
17	Total amount Charged for NG/RLNG/Liquid Fuel supplied including Transportation (11+16)	Rs.	-	-	3,77,500	-	-	-
E) TOTAL COST								
18	Landed cost of NG/RLNG/Liquid Fuel (2+17)/(1+7)	Rs/1000 SCM / Rs. Per KL	22,944.00	52,874.68	58,901.54	31,502.21	78,051.97	
19	Blending Ratio (Domestic /Imported)	%	NA	NA	NA	NA	NA	
20	Weighted average cost of NG/RLNG/Liquid Fuel	Rs/1000 SCM / Rs. Per KL	22,944.00	52,874.68	58,901.54			39,181.93
F) QUALITY								
21	GCV of NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	8158	9015	8329
22	GCV of NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	9378	9401	NA	NA	NA
23	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
24	GCV of Imported NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
25	Weighted average GCV of NG/RLNG/Liquid Fuel as Billed	(Kcal/SCM)/ Kcal/KL	9178	9378	9401	8158	9015	8329
26	GCV of NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	8158	9015	8329
27	GCV of NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	9378	9401	NA	NA	NA
28	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
29	GCV of Imported NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
30	Weighted average GCV of NG/RLNG/Liquid Fuel as Received	(Kcal/SCM)/ Kcal/KL	9178	9378	9401	NA	NA	8329

Remarks:

Wherever purchases/consumption is not made during the month, previous Weighted Average Cost or latest market rate & GCV are updated for reference.

**Details/Information to be submitted in respect of Fuel for Computation of Energy Charges
NTPC LTD.**

Faridabad Gas Power Station, Faridabad

Fuel: NG,RLNG & Liquid Fuel		Month	Dec-23		Form-15			
S. No.	Particulars	Unit	NG	RLNG-LT	RLNG-SPOT	Liquid fuel		Total Liquid Fuel (Naphtha+HSD)
						Naphtha	HSD	
A) OPENING QUANTITY								
1	Opening Quantity of NG/RLNG/Liquid Fuel	SCM / KL				6,019	278	6,297
2	Value of Stock	Rs.				18,96,11,822	2,16,77,843	21,12,89,665
B) QUANTITY								
3	Quantity of NG/RLNG/Liquid Fuel supplied by Fuel Suppliers	SCM / KL	-	-	-			
4	Adjustment (+/-) in quantity supplied made by NG/RLNG/Liquid Fuel	SCM / KL						
5	NG/RLNG/Liquid Fuel supplied by Fuel Suppliers (3+4)	SCM / KL	-	-	-	-	-	-
6	Normative Transit & Handling Losses (For Gas Projects)	SCM / KL						
7	Net NG/RLNG/Liquid Fuel Supplied (5-6)	SCM / KL	-	-	-	-	-	-
C) PRICE								
8	Amount charged for the NG/RLNG/Liquid Fuel By the Suppliers	Rs.	-	-	-			
9	Adjustment (+/-) in amount charged made by Fuel Suppliers for NG/RLNG/Liquid Fuel	Rs.						
10	Handling, Sampling and such other similar charges	Rs.						
11	Total amount Charged (8+9+10)	Rs.	-	-	-	-	-	-
D) TRANSPORTATION								
12	Transportation charges by rail, ship, road transport	Rs.	-	-	-			
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.						
14	Demurrage Charges, if any	Rs.						
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.						
16	Total Transportation Charges (12+13+14+15)	Rs.	-	-	-	-	-	-
17	Total amount Charged for NG/RLNG/Liquid Fuel supplied including Transportation (11+16)	Rs.	-	-	-	-	-	-
E) TOTAL COST								
18	Landed cost of NG/RLNG/Liquid Fuel (2+17)/(1+7)	Rs/1000 SCM / Rs. Per KL	22,944.00	52,874.68	58,901.54	31,502.21	78,051.97	
19	Blending Ratio (Domestic /Imported)	%	NA	NA	NA	NA	NA	
20	Weighted average cost of NG/RLNG/Liquid Fuel	Rs/1000 SCM / Rs. Per KL	22,944.00	52,874.68	58,901.54			39,181.93
F) QUALITY								
21	GCV of NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	8158	9015	8329
22	GCV of NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	9378	9401	NA	NA	NA
23	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
24	GCV of Imported NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
25	Weighted average GCV of NG/RLNG/Liquid Fuel as Billed	(Kcal/SCM)/ Kcal/KL	9178	9378	9401	8158	9015	8329
26	GCV of NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	8158	9015	8329
27	GCV of NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	9378	9401	NA	NA	NA
28	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
29	GCV of Imported NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
30	Weighted average GCV of NG/RLNG/Liquid Fuel as Received	(Kcal/SCM)/ Kcal/KL	9178	9378	9401	NA	NA	8329

Remarks:

Wherever purchases/consumption is not made during the month, previous Weighted Average Cost or latest market rate & GCV are updated for reference.

**Details/Information to be submitted in respect of Fuel for Computation of Energy Charges
NTPC LTD.**

Faridabad Gas Power Station, Faridabad

Fuel: NG,RLNG & Liquid Fuel		Month	Jan-24			Form-15		Total Liquid Fuel (Naptha+HSD)
S. No.	Particulars	Unit	NG	RLNG-LT	RLNG-SPOT	Liquid fuel		
							Naphtha	HSD
A) OPENING QUANTITY								
1	Opening Quantity of NG/RLNG/Liquid Fuel	SCM / KL				6,019	278	6,297
2	Value of Stock	Rs.				18,96,11,822	2,16,77,843	21,12,89,665
B) QUANTITY								
3	Quantity of NG/RLNG/Liquid Fuel supplied by Fuel Suppliers	SCM / KL	-	-	9,381			
4	Adjustment (+/-) in quantity supplied made by NG/RLNG/Liquid Fuel	SCM / KL						
5	NG/RLNG/Liquid Fuel supplied by Fuel Suppliers (3+4)	SCM / KL	-	-	9,381	-	-	-
6	Normative Transit & Handling Losses (For Gas Projects)	SCM / KL						
7	Net NG/RLNG/Liquid Fuel Supplied (5-6)	SCM / KL	-	-	9,381	-	-	-
C) PRICE								
8	Amount charged for the NG/RLNG/Liquid Fuel By the Suppliers	Rs.	-	-	3,77,500			
9	Adjustment (+/-) in amount charged made by Fuel Suppliers for NG/RLNG/Liquid Fuel	Rs.						
10	Handling, Sampling and such other similar charges	Rs.						
11	Total amount Charged (8+9+10)	Rs.	-	-	4,91,639	-	-	-
D) TRANSPORTATION								
12	Transportation charges by rail, ship, road transport	Rs.	-	-	-			
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.						
14	Demurrage Charges, if any	Rs.						
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.						
16	Total Transportation Charges (12+13+14+15)	Rs.	-	-	-	-	-	-
17	Total amount Charged for NG/RLNG/Liquid Fuel supplied including Transportation (11+16)	Rs.	-	-	4,91,639	-	-	-
E) TOTAL COST								
18	Landed cost of NG/RLNG/Liquid Fuel (2+17)/(1+7)	Rs/1000 SCM / Rs. Per KL	22,944.00	52,874.68	52,405.72	31,502.21	78,051.97	
19	Blending Ratio (Domestic /Imported)	%	NA	NA	NA	NA	NA	
20	Weighted average cost of NG/RLNG/Liquid Fuel	Rs/1000 SCM / Rs. Per KL	22,944.00	52,874.68	52,405.72			39,181.93
F) QUALITY								
21	GCV of NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	8158	9015	8329
22	GCV of NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	9378	9400	NA	NA	NA
23	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
24	GCV of Imported NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
25	Weighted average GCV of NG/RLNG/Liquid Fuel as Billed	(Kcal/SCM)/ Kcal/KL	9178	9378	9400	8158	9015	8329
26	GCV of NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	8158	9015	8329
27	GCV of NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	9378	9400	NA	NA	NA
28	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
29	GCV of Imported NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
30	Weighted average GCV of NG/RLNG/Liquid Fuel as Received	(Kcal/SCM)/ Kcal/KL	9178	9378	9400	NA	NA	8329

Remarks:

Wherever purchases/consumption is not made during the month, previous Weighted Average Cost or latest market rate & GCV are updated for reference.

**Details/Information to be submitted in respect of Fuel for Computation of Energy Charges
NTPC LTD.**

Faridabad Gas Power Station, Faridabad

Fuel: NG,RLNG & Liquid Fuel		Month	Feb-24		Form-15			
S. No.	Particulars	Unit	NG	RLNG-LT	RLNG-SPOT	Liquid fuel		Total Liquid Fuel (Naphtha+HSD)
						Naphtha	HSD	
A) OPENING QUANTITY								
1	Opening Quantity of NG/RLNG/Liquid Fuel	SCM / KL				6,019	278	6,297
2	Value of Stock	Rs.				18,96,11,822	2,16,77,843	21,12,89,665
B) QUANTITY								
3	Quantity of NG/RLNG/Liquid Fuel supplied by Fuel Suppliers	SCM / KL	-	2,306	3,940			
4	Adjustment (+/-) in quantity supplied made by NG/RLNG/Liquid Fuel	SCM / KL						
5	NG/RLNG/Liquid Fuel supplied by Fuel Suppliers (3+4)	SCM / KL	-	2,306	3,940	-	-	-
6	Normative Transit & Handling Losses (For Gas Projects)	SCM / KL						
7	Net NG/RLNG/Liquid Fuel Supplied (5-6)	SCM / KL	-	2,306	3,940	-	-	-
C) PRICE								
8	Amount charged for the NG/RLNG/Liquid Fuel By the Suppliers	Rs.	-	1,16,054	1,48,203			
9	Adjustment (+/-) in amount charged made by Fuel Suppliers for NG/RLNG/Liquid Fuel	Rs.						
10	Handling, Sampling and such other similar charges	Rs.						
11	Total amount Charged (8+9+10)	Rs.	-	1,16,054	1,48,203	-	-	-
D) TRANSPORTATION								
12	Transportation charges by rail, ship, road transport	Rs.	-	-	-			
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.						
14	Demurrage Charges, if any	Rs.						
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.						
16	Total Transportation Charges (12+13+14+15)	Rs.	-	-	-	-	-	-
17	Total amount Charged for NG/RLNG/Liquid Fuel supplied including Transportation (11+16)	Rs.	-	1,16,054	1,48,203	-	-	-
E) TOTAL COST								
18	Landed cost of NG/RLNG/Liquid Fuel (2+17)/(1+7)	Rs/1000 SCM / Rs. Per KL	22,944.00	50,325.69	37,615.44	31,502.21	78,051.97	
19	Blending Ratio (Domestic /Imported)	%	NA	NA	NA	NA	NA	
20	Weighted average cost of NG/RLNG/Liquid Fuel	Rs/1000 SCM / Rs. Per KL	22,944.00	50,325.69	37,615.44			39,181.93
F) QUALITY								
21	GCV of NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	8158	9015	8329
22	GCV of NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	9392	9395	NA	NA	NA
23	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
24	GCV of Imported NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
25	Weighted average GCV of NG/RLNG/Liquid Fuel as Billed	(Kcal/SCM)/ Kcal/KL	9178	9392	9395	8158	9015	8329
26	GCV of NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	8158	9015	8329
27	GCV of NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	9392	9395	NA	NA	NA
28	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
29	GCV of Imported NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
30	Weighted average GCV of NG/RLNG/Liquid Fuel as Received	(Kcal/SCM)/ Kcal/KL	9178	9392	9395	NA	NA	8329

Remarks:

Wherever purchases/consumption is not made during the month, previous Weighted Average Cost or latest market rate & GCV are updated for reference.

**Details/Information to be submitted in respect of Fuel for Computation of Energy Charges
NTPC LTD.**

Faridabad Gas Power Station, Faridabad

Fuel: NG,RLNG & Liquid Fuel		Month	Mar-24		Form-15			
S. No.	Particulars	Unit	NG	RLNG-LT	RLNG-SPOT	Liquid fuel		Total Liquid Fuel (Naphtha+HSD)
						Naphtha	HSD	
A) OPENING QUANTITY								
1	Opening Quantity of NG/RLNG/Liquid Fuel	SCM / KL				6,019	278	6,297
2	Value of Stock	Rs.				18,96,11,822	2,16,77,843	21,12,89,665
B) QUANTITY								
3	Quantity of NG/RLNG/Liquid Fuel supplied by Fuel Suppliers	SCM / KL	-	4,877	-			
4	Adjustment (+/-) in quantity supplied made by NG/RLNG/Liquid Fuel	SCM / KL						
5	NG/RLNG/Liquid Fuel supplied by Fuel Suppliers (3+4)	SCM / KL	-	4,877	-	-	-	-
6	Normative Transit & Handling Losses (For Gas Projects)	SCM / KL						
7	Net NG/RLNG/Liquid Fuel Supplied (5-6)	SCM / KL	-	4,877	-	-	-	-
C) PRICE								
8	Amount charged for the NG/RLNG/Liquid Fuel By the Suppliers	Rs.	-	246774	-			
9	Adjustment (+/-) in amount charged made by Fuel Suppliers for NG/RLNG/Liquid Fuel	Rs.						
10	Handling, Sampling and such other similar charges	Rs.						
11	Total amount Charged (8+9+10)	Rs.	-	2,46,774	-	-	-	-
D) TRANSPORTATION								
12	Transportation charges by rail, ship, road transport	Rs.	-	-	-			
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	Rs.						
14	Demurrage Charges, if any	Rs.						
15	Cost of diesel in transporting coal through MGR system, if applicable	Rs.						
16	Total Transportation Charges (12+13+14+15)	Rs.	-	-	-	-	-	-
17	Total amount Charged for NG/RLNG/Liquid Fuel supplied including Transportation (11+16)	Rs.	-	2,46,774	-	-	-	-
E) TOTAL COST								
18	Landed cost of NG/RLNG/Liquid Fuel (2+17)/(1+7)	Rs/1000 SCM / Rs. Per KL	22,944.00	50,603.44	37,615.44	31,502.21	78,051.97	
19	Blending Ratio (Domestic /Imported)	%	NA	NA	NA	NA	NA	
20	Weighted average cost of NG/RLNG/Liquid Fuel	Rs/1000 SCM / Rs. Per KL	22,944.00	50,603.44	37,615.44			39,181.93
F) QUALITY								
21	GCV of NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	8158	9015	8329
22	GCV of NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	9387	9395	NA	NA	NA
23	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
24	GCV of Imported NG/RLNG/Liquid Fuel supplied as per bill of Fuel Suppliers	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
25	Weighted average GCV of NG/RLNG/Liquid Fuel as Billed	(Kcal/SCM)/ Kcal/KL	9178	9387	9395	8158	9015	8329
26	GCV of NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	8158	9015	8329
27	GCV of NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	9387	9395	NA	NA	NA
28	GCV of Imported NG/RLNG/Liquid Fuel of the opening stock as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
29	GCV of Imported NG/RLNG/Liquid Fuel supplied as received at Station	(Kcal/SCM)/ Kcal/KL	NA	NA	NA	NA	NA	NA
30	Weighted average GCV of NG/RLNG/Liquid Fuel as Received	(Kcal/SCM)/ Kcal/KL	9178	9387	9395	NA	NA	8329

Remarks:

Wherever purchases/consumption is not made during the month, previous Weighted Average Cost or latest market rate & GCV are updated for reference.

Computation of Energy Charges

Name of the Company :

Name of the Power Station :

Sl	Description	Unit		2024-25		
				Gas	LNG	Liquid
		Gas/RLNG	HSD			
1	Normative Heat Rate (For CC Operation)	(Kcal/kwh)	(Kcal/kwh)	1975		
2	Normative Heat Rate (For OC Operation)	(Kcal/kwh)	(Kcal/kwh)	2900		
3	Capacity	MW	MW	431.59		
4	Normative Availability Factor	%	%	85.00%		
5	APC for CC operation	%	%	2.75%		
6	APC for OC operation	%	%	1.00%		
7	Weighted Average Rate of Fuel	Rs/1000SCM	Rs/Kg	22,944.00	50,234.87	39,181.93
8	Weighted Average GCV of Fuel	Kcal/SCM	Kcal/Kg	9,178.00	9,316.83	8,329.00
9	Rate of Energy- Ex Bus-CC	(Paise/kwh)	(Paise/kwh)	507.690	1095.0	955.4
10	Rate of Energy- Ex Bus-OC	(Paise/kwh)	(Paise/kwh)	732.291	1579.428	1378.021
11	Mode of Operation on Fuel (% of Scheduled Generation)	%	%	100.00%	0.00%	0.00%
12	Weighted Average Energy Charge Rate Ex Bus CC(P1)	(Paise/kwh)	(Paise/kwh)	507.69		
12A	Weighted Average Energy Charge Rate Ex Bus OC(P2)	(Paise/kwh)	(Paise/kwh)	732.29		
12B	Open Cycle Operation(%age)(X)	%	%	9.08		
12C	Weighted Average Energy Charge Rate Ex Bus(P1*(1-X%)+P2*X%)	(Paise/kwh)	(Paise/kwh)	528.1		
	WC Calculation at CC Operation					
13	No. Of days			365		
14	ESO in a year	(in MUs)		3130.32		
15	Fuel cost for 15 days	(Rs. Lakh)		6793.39		
16	Cost of Liquid stock for 15 days	(Rs. Lakh)		0.00		
17	45 days of energy charge	(Rs. Lakh)		20380.17		

(Petitioner)

Name of the Petitioner
Name of the Generating StationNTPC Limited
Faridabad Gas Power StationStatement of Capital cost

(Amount in Rs. Lakh)

S. No.	Particulars	As on 01.04.2024		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening Gross Block Amount as per books	125524.08	326.93	125197.15
	b) Amount of IDC in A(a) above	133.15		133.15
	c) Amount of FC in A(a) above			
	d) Amount of FERV in A(a) above			
	e) Amount of Hedging Cost in A(a) above			
	f) Amount of IEDC in A(a) above			
B	a) Addition in Gross Block Amount during the period (Direct purchases)			
	b) Amount of IDC in B(a) above			
	c) Amount of FC in B(a) above			
	d) Amount of FERV in B(a) above			
	e) Amount of Hedging Cost in B(a) above			
	f) Amount of IEDC in B(a) above			
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)			
	b) Amount of IDC in C(a) above			
	c) Amount of FC in C(a) above			
	d) Amount of FERV in C(a) above			
	e) Amount of Hedging Cost in C(a) above			
	f) Amount of IEDC in C(a) above			
D	a) Deletion in Gross Block Amount during the period			
	b) Amount of IDC in D(a) above			
	c) Amount of FC in D(a) above			
	d) Amount of FERV in D(a) above			
	e) Amount of Hedging Cost in D(a) above			
	f) Amount of IEDC in D(a) above			
E	a) Closing Gross Block Amount as per books			
	b) Amount of IDC in E(a) above			
	c) Amount of FC in E(a) above			
	d) Amount of FERV in E(a) above			
	e) Amount of Hedging Cost in E(a) above			
	f) Amount of IEDC in E(a) above			

To be provided at the time of truing-up

(Petitioner)

Name of the Petitioner
Name of the Generating Station

NTPC Limited
Faridabad Gas Power Station

Statement of Capital Woks in Progress

(To be given for relevant dates and year wise)

(Amount in Rs. Lakh)

S. No.	Particulars	01.04.2024		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening CWIP as per books	1670.40	347.57	1322.83
	b) Amount of IDC in A(a) above	0.00		0.00
	c) Amount of FC in A(a) above	0.00		0.00
	d) Amount of FERV in A(a) above	0.00		0.00
	e) Amount of Hedging Cost in A(a) above	0.00		0.00
	f) Amount of IEDC in A(a) above	0.00		0.00
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			

To be provided at the time of truing-up

(Petitioner)

Calculation of Interest on Normative Loan

Name of the Company :		NTPC Limited					
Name of the Power Station :		Faridabad Gas Power Station					
		(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	53,331.47	53,446.43	53,655.73	56,003.40	56,913.40	56,913.40
2	Cumulative repayment of Normative loan up to previous year	53,331.47	53,446.43	53,655.73	55,299.50	56,913.40	56,913.40
3	Net Normative loan – Opening	0.00	-	-	703.90	-	-
4	Add: Increase due to addition during the year / period	136.79	209.30	2,347.67	910.00	-	-
5	Less: Decrease due to de-capitalisation during the year / period	47.99	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	26.16	0.00	0.00	0.00	0.00	0.00
8	Less: Repayment of Loan(8A-8B)	3247.78	3528.52	1643.76	2094.21	585.00	0.00
8A	Repayment of Loan	3295.78	3528.52	1643.76	2094.21	585.00	0.00
8B	Repayment Adj- Decap	47.99	0.00	0.00	0.00	0.00	0.00
11	Net Normative loan - Closing	-	-	703.90	-	-	-
12	Average Normative loan	0.00	-	351.95	351.95	-	-
13	Weighted average rate of interest	7.2579	7.2504	7.2339	7.2053	7.1743	7.1407
14	Interest on Loan	0.00	0.00	25.46	25.36	0.00	0.00
15	Cumulative repayment of Normative loan at the end of the period after adjustments	56,579.25	56,974.95	55,299.50	57,393.71	57,498.40	56,913.40

(Petitioner)

Calculation of Interest on Working Capital

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

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2018-19	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7	8
1	Cost of Coal/Lignite	20,354.78	6793.39	6793.39	6793.39	6793.39	6793.39
2	Cost of Main Secondary Fuel Oil	2,174.69	0.00	0.00	0.00	0.00	0.00
3	Fuel Cost						
4	Liquid Fuel Stock						
5	O & M Expenses	834.89	773.52	812.71	853.60	896.97	942.75
6	Maintenance Spares	3,005.61	2784.67	2925.77	3072.94	3229.09	3393.90
7	Receivables	34,166.94	23566.33	22997.00	23133.38	23006.75	23012.73
8	Total Working Capital	60536.91	33917.91	33528.87	33853.31	33926.19	34142.77
9	Rate of Interest	12.0000	11.9000	11.9000	11.9000	11.9000	11.9000
10	Interest on Working Capital	7264.43	4036.23	3989.94	4028.54	4037.22	4062.99

Petitioner

Summary of issue involved in the petition						
Name of the Company :		NTPC Limited				
Name of the Power Station :		Faridabad Gas Power Station				
1	Petitioner:	NTPC Limited				
2	Subject: Approval of tariff of Faridabad Gas Power Station for the period from 01.04.2024 to 31.03.2029.					
3	Prayer: i) Approve tariff of FGPS for the tariff period 01.04.2024 to 31.03.2029. ii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries. iii) Allow the recovery of unrecovered depreciation after the completion of useful life of the station. iv) Allow the recovery of pay/wage revision as additional O&M over and above the normative O&M. v) Pass any other order as it may deem fit in the circumstances mentioned above.					
4	Name of Respondents 1. Haryana Power Purchase Centre. (HPPC)					
Project Scope : Faridabad Gas Power Station						
Cost: Approved Capital Cost of Rs 101,646.21 Lakh as on 31.03.2024						
Commissioning : Station COD on 01.01.2001						
5	Claim	2019-20	2020-21	2021-22	2022-23	2023-24
	AFC (in Rs Lakh)	25,843.33	21,593.25	22,331.63	21,362.83	21,352.98
	Capital cost (in Rs Lakh)	1,01,602.56	1,04,956.37	1,06,256.37	1,06,256.37	1,06,256.37
	Initial spare (in Rs Lakh)	included in above				
	NAPAF (Gen) (in %)	85				
Any Specific						



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भारत हेवी इलेक्ट्रिकल्स लिमिटेड

Bharat Heavy Electricals Limited

(A Government of India Undertaking)
ELECTRONICS DIVISION

P.B. No. 2606, Mysore Road, Bangalore - 560 026

Gram BHARATELEC
Annexure-A1 BHCE IN
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PHONE 6998
(EPABX NO.)

To

Mr. Asheesh Lamba
DGM(C&I),
NTPC Faridabad.
Mobile : 9650994075
E-mail : asheeshlamba@ntpc.co.in

Ref: CE-MKTG/804/NTPC/OC/2024/01
Date: 22/10/2024

Dear Sir,

Sub : Support for Procontrol P13/42 based system supplied by BHEL.
Ref : Your email dated 10th October 2024 to BHEL on the subject.

With reference to your enquiry on the support from BHEL for Procontrol P13/42 based control modules. Please find out reply as below.

Earlier, BHEL has supplied control system based on Procontrol P13/42 technology Since year 2002, BHEL has migrated to 'maxDNA' and 'valmetDNA' based DCS system which are state-of-the-art technology.

As regards support to Procontrol P13/42 system, BHEL is not in a position to extend support for supply of spares and we have stopped giving new DCS offers/solutions based on procontrol technology.

BHEL-EDN offers solutions for 'Complete DCS upgradation /replacement and support for implementing the controls based on maxDNA / ValmetDNA at site in a short duration during the planned shutdown for Overhauling.

Please contact us for more information.

Thanking you,

Yours faithfully

K. Pradeep Kumar
AGM (CE-Marketing)
BHEL, Electronics Division,
Bangalore



Annexure-A2

GE T&D India Limited

(formerly ALSTOM T&D India Limited)
L31102DL1957PLC193993

19/1, GST Road, Pallavaram, Chennai
India 600043

T +91 44 22648000

F +91 44 22640040

www.alstomindiainvestorrelations.com

8th October 2024

To Whomsoever It May Concern

As part of our commitment to maintain a modern and technically-competent portfolio of products, it is necessary to review the position of ageing devices within the range. We aim to consider the best ongoing support for applications using GE products, the availability of suitable replacement devices in the range, and the ability to continue manufacture of ageing products within acceptable lead times. The purpose of this notification is to inform where products are planned for deletion from the range or already obsolete.

As the part of our standardization of conventional products, following relay was discontinued from our manufacture range & equivalent models are given below.

OBSOLETE PRODUCT	EQUIVALENT PRODUCT
MBCZ	MiCOMP740, B90, B30

Yours truly,
For GE T&D INDIA LTD

Sunish P
Technical Application Engineering Leader (Grid Automation)

**COMMISSION FOR AIR QUALITY MANAGEMENT
IN NATIONAL CAPITAL REGION AND ADJOINING AREAS**

17th Floor, Jawahar Vyapar Bhawan (STC Building)
Tolstoy Marg, New Delhi-110001

F. No. A-11018/01/ 2021-CAQM/15322-15331 Dated: 29.09.2023

Subject: Directions under Section 12 of the Commission for Air Quality Management in National Capital Region and Adjoining Areas Act, 2021 – Review of regulations for use of DG sets in NCR.

WHEREAS, Ministry of Environment, Forest and Climate Change, Government of India, in exercise of the powers conferred under Section 3 of the Commission for Air Quality Management in National Capital Region and Adjoining Areas Act 2021, has constituted the Commission for Air Quality Management in National Capital Region and Adjoining Areas (hereinafter referred to as the Commission);

WHEREAS, under Section 12 (1) of the Act, the Commission is vested with powers to take all such measures, issue directions, etc., as it deems necessary or expedient for the purpose of protecting and improving the quality of the air in the National Capital Region and Adjoining Areas;

WHEREAS, Section 12 (2) (ix) of the Act empowers the Commission to issue directions in writing to any person, officer, or any authority and such person, officer or authority shall be bound to comply with such directions;

WHEREAS, Section 12(2)(iv) of the Act empowers the Commission to lay down parameters for discharge of emissions from various sources whatsoever that have implications on the air quality in the region;

3emd

WHEREAS, Section 12(2)(v) of the Act also empowers the Commission to impose restrictions and regulate operations or processes that have implications on air quality in the region;

WHEREAS, the Commission has repeatedly taken up the matter relating to air pollution with the State governments of Haryana, Rajasthan, Punjab, Uttar Pradesh and Government of NCT of Delhi and various organizations concerned of the Central and State Governments/ GNCTD and has issued various Directions, Advisories and Orders for effective implementation of measures for abating air pollution in NCR, from time to time;

WHEREAS, the Commission has observed and has been sensitizing all stakeholders that, amongst others, large-scale unregulated use of Diesel Generator (DG) sets is a major contributing factor for deterioration of air quality in the region;

WHEREAS, in wake of generally prevailing adverse air quality in NCR during the winter season, the Commission, through directions No. 54-57 dated 08.02.2022, followed by Direction No. 68 dated 14.09.2022 and its related orders called for regulated use of DG Sets in the NCR, particularly during the periods of restrictions under the GRAP, subject to adopting emission control measures /devices/ systems such as retrofitted Emission control devices (ECDs) and dual fuel mode (gas and diesel), amongst other means of emission control;

WHEREAS, large number of DG sets operating in the region, even during the periods other than restrictions under the GRAP, cause heavy air pollution and are a matter of concern and thus, with a view to regulating the use of DG Sets even for such periods, the Commission issued Direction No. 71 for expeditious conversion of DG Sets to dual fuel mode, in areas where gas infrastructure and supply is available;

WHEREAS, the Commission from time to time reviewed the progress and status in this matter, in line with various directions issued by it;

3end

WHEREAS, the Commission revisited / reviewed some provisions of the extant directions on the regulated use of DG sets and issued a revised Direction No. 73 dated 02.06.2023, to be applicable across all sectors in the NCR including Industrial, Commercial, Residential and Office establishments etc., as well as permitting more time to implement the schedule w.e.f. 01.10.2023.

WHEREAS, preparatory actions were initiated by various stakeholders towards emission control from DG sets through retro-fitted ECDs and / or dual fuel systems, a number of representations were still being made to the Commission, including deliberations / meetings with various stakeholders in this context, wherein the following were highlighted:

- i. Issues related to availability of certified RECDs and agencies for all capacity ranges and vintages of DG sets.
- ii. Issues related to availability / delays in PNG infrastructure and supply, purely for DG sets.
- iii. Techno-commercial issues, logistics and time involved for fitment of RECDs / conversion to dual fuel mode.
- iv. Issues related to availability of DG sets to the latest standards as in MoEFCC notification No. GSR 804(E) dated 03.11.2022 (CPCB-IV).
- v. No means for emission control in under 19 kW capacity range of DG sets (neither RECDs nor dual fuel mode are available / suited).
- vi. Issues related to use of DG sets for emergency services.

Owing to the above, a number of stakeholders broadly requested for the following:

- (a) Extension of the deadline of 30.09.2023, as laid down in Direction No. 73, by about 3 months.
- (b) Stipulating a condition of '**OR**' instead of '**AND**' towards fitment of RECDs and conversion to dual fuel system, for all categories of DG sets above 19kW capacity.
- (c) Permitting DG Sets of >800 kW capacity to be run uninterruptedly for the durations of power supply failure, subject to compliance of



standards as in Direction No. 73 dated 02.06.2023, even during restrictions under GRAP.

- (d) Permitting such DG sets of < 125 kW capacity to be run for emergency services, even during the restrictions under the GRAP, where either certified ECDs are presently not available at all or where gas infrastructure and supply is also not available to enable running them in a dual fuel mode.

NOW, THEREFORE, in due consideration of the contentions and submissions made by various stakeholders, issues in ground level implementation, availability of RECDs / dual fuel systems / new gensets to CPCB -IV standards and various other techno-commercial considerations put forth by them, the Commission, pursuant to a comprehensive review and in supersession of all extant directions / orders / guidelines on the regulations for DG sets, now directs for adoption of the following Schedule for regulated operations of DG sets (only as a backup against regular power supply failures) across all sectors in NCR including Industrial, Commercial, Residential and Office establishments etc.:

S. No.	Capacity Range of DG sets	System to be adopted for control of emissions	Regulations for use
1.	Power generating sets of all capacities running on LPG/ Natural Gas/ Bio-gas/Propane/Butane	None	No restrictions (Even during periods under GRAP)
2.	Power generating sets of all capacities up to 800 kW to standards as per MoEFCC notification No. GSR 804(E) dated 03.11.2022	None	No restrictions. (Even during periods under GRAP)

2and

3.	800 kW and above	Any emission control mechanism, strictly subject to compliance of emission standards as indicated below. *	No restrictions (Even during periods under GRAP)
4.	125 kW to less than 800 kW	Dual fuel mode OR Retro-fitted ECDs through certified vendors / agencies	No restrictions (Even during periods under GRAP)
5.	19 kW to less than 125 kW	Dual fuel mode	No restrictions (Even during periods under GRAP) DG Sets not working in a dual fuel mode, only owing to non-availability of gas infrastructure and supply, shall be permitted only for emergency services as stipulated in this direction.
6.	Portable DG sets (below 19 kW)	Presently no specific means of emission control are available in this category / capacity range of DG sets.	No restrictions during the periods, other than restrictions under GRAP. Not to be generally permitted during periods of restriction under GRAP. These shall, however, be permitted even during periods under GRAP only for emergency services as stipulated in this direction.

2014

***Standards for stack emissions for 800 kW and above capacity DG sets**

S.No	Parameter	Emission Standards
i.	PM (at 15% O ₂)	50 mg / Nm ³
ii.	NO _x (at 15% O ₂)	650 mg / Nm ³
iii.	CO (at 15% O ₂)	100 mg / Nm ³
iv.	Minimum DG Stack height	30 meters OR minimum 6 meters above the height of the building where DG set is installed, whichever is higher. For example , if the building height where such DG set is installed is 20 meters, minimum stack height for DG set should be 30 meters from ground level; While, if the building height itself is 27 meters, the minimum stack height for the DG set should be 33 meters from the ground level.

The regulated schedule for operation of DG sets issued vide Direction No. 73 dated 02.06.2023 comes to effect from 01.10.2023. The revised schedule as above further eases out the means of implementation and addresses practical difficulties and techno-commercial concerns of various stakeholders and thus the revised schedule for regulation of DG sets would be in force in the entire NCR w.e.f. 01.10.2023.

Notwithstanding the revised schedule as above, in the interest of not disrupting emergency services and permitting sufficient time for adopting the stipulated emission control mechanism in such existing DG Sets, the Commission, hereby, as a one-time exception, permits DG Sets for all capacity ranges (which have still not been equipped with emission control devices / systems as per the above noted schedule), to be run only for emergency services in the NCR as listed below, even under periods of restrictions under the GRAP, **only up to 31.12.2023** and strictly subject to adherence to the above noted schedule / measures for emission control thereafter:

- (i) Elevators / Escalators / Travelators etc. in various installations; Commercial entities / residential societies shall, however, ensure that operation of DG sets and supply

and

therefrom is purely limited to operation of elevators / escalators / travelators etc. and not for any other activities of commercial entities / residential societies.

- (ii) Medical Services (Hospital/Nursing Home/Health care facilities) including units involved in manufacturing of life saving medical equipment/devices, drugs and medicines.
- (iii) Railway Services / Railway Stations.
- (iv) Metro Rail Corporation & MRTS Services, including trains and stations.
- (v) Airports and Inter-State Bus Terminals (ISBTs).
- (vi) Sewage Treatment Plants.
- (vii) Water pumping Stations.
- (viii) Projects related to national security, defence & of national importance.
- (ix) Telecommunications and IT/ data services.

It is further reiterated that appropriate emission control mechanism shall be put in place on or before 31.12.2023, in respect of DG sets being used in above listed emergency services, to avoid action under the relevant provisions of laws / rules / regulations / directions etc., thereafter.

NCR State PCBs/ DPCC shall ensure compliance of above noted directions and regularly monitor the field level implementation.



(Arvind Nautiyal)
Member- Secretary

To

1. The Chief Secretary, Government of NCT of Delhi
2. The Chief Secretary, Government of Haryana
3. The Chief Secretary, Government of Rajasthan
4. The Chief Secretary, Government of Uttar Pradesh

Copy to:

1. Chairman, DPCC
2. Chairman, HSPCB
3. Chairman, RSPCB
4. Chairman, UPPCB
5. Chairman, CPCB.
6. The Chairperson and all Members, CAQM.


(Arvind Nautiyal)
Member- Secretary

सहायक कमाण्डेंट का कार्यालय / Office of the Asstt. Commandant
केन्द्रीय औद्योगिक सुरक्षा बल / Central Industrial Security Force
(गृह मंत्रालय) / (Ministry of Home Affairs)
दूरभाषसंख्या-0129-2404201/04, ईमेल fgpp-faridabad@cisf.gov.in

केओसुब इकाई एफजीपीपी / एनटीपीसी,
फरीदाबाद, हरियाणा-121004
दिनांक: 10/08/2024

पत्रांक ई-42099 / केओसुब / एफजीपीपी / प्रशा / 2024-2061
To,

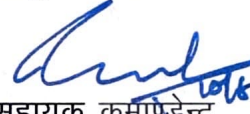
The AGM/ TS,
FGPP/NTPC, Faridabad

SUB: INSTALLATION OF CCTV CAMERAS:REG.

It is to inform that CCTV Cameras are installed in FGPS Faridabad at different static locations for round the clock servillance. But some of the areas of responsibility are not covered by the existing CCTV systems. For better and effective security coverage of the plant the following areas should also be covered under CCTV coverage and required to install CCTV Cameras:-

01. All Switch gear and MCC Rooms.
02. Inside the Main Gate of the Plant.
03. Service Buillding.
04. CISF Line Gate.
05. Central Store.
06. Behind Cooling Tower.
07. Behind Work Shop.

02. In view of the above it is requested to look into the matter and install CCTV Cameras (Fixed and PTZ as per requirement) at the earliest to provide better and effective security coverage to the FGPS Station.



सहायक कमाण्डेंट
केओसुबल इकाई एफजीपीपी फरीदाबाद
Assistant Commandant
CISF Unit FGPP (M.H.A.)
Faridabad-121004

Copy to :-

- | | | |
|-------------------------------|---|-------------------------|
| 01. The CGM
FGPS Faridabad | : | For information please. |
| 02. The AGM/O&M | : | -do- |
| 03. The AGM/Opr. | : | -do- |
| 04. The AGM/HR | : | -do- |



Send

OFFICE OF THE ASSISTANT COMMANDANT
CENTRAL INDUSTRIAL SECURITY FORCE
(MINISTRY OF HOME AFFAIRS)

CISF UNIT FGPP (F)
DIST: FARIDABAD
Dated: 04/01/2024

No.E-42016/CISF/FGPP/FIRE.PREV./2024-30


To,
The Sr. Manager (MMD)
FGPP/NTPC Faridabad,

SUB: Fire separation system CO2/inert gas Flooding System installed in PCC Room regarding.

It is informed that Inspector/Fire along with Fire prevention team daily routine checking noticed that in PCC Room 01&02 there is installed fire detection system but instead there is also required Fire separation system as CO₂/ inert gas Flooding System in PCC Room 01&02 for better fire safety.

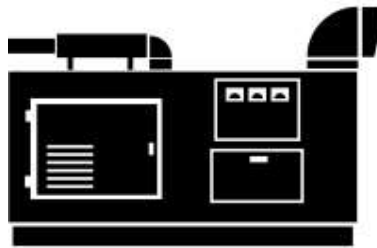
02. View of this it is requested to install the Fire separation system as CO₂ / inert gas Flooding System in PCC Room for better fire safety.

Submitted for kind information and necessary action please.


ASSISTANT COMMANDANT
CISF Unit FGPP Faridabad (HR)

COPY TO:-

- | | | |
|---|---|---|
| 01 The. CGM
FGPP/NTPC Faridabad, | : | For kind information Please |
| 02. The AGM/ (HR)
FGPP/NTPC Faridabad | : | For kind information Please. |
| 03. The AGM/ (O&M)
FGPP/NTPC Faridabad | : | For kind information and necessary action Please. |
| 04. The Sr. Manager (Safety) :
FGPP/NTPC Faridabad | : | For kind information and necessary action Please. |



System and Procedure

For

**Emission Compliance Testing of Retro-fit Emission Control Devices (RECD)
For Diesel Power Generating Set Engines
Up to Gross Mechanical Power 800 kW**

01/02/2022 (Revised on 24/07/2023)

**CENTRAL POLLUTION CONTROL BOARD, NEW DELHI
(Ministry of Environment, Forests and Climate Change, Govt. of India)**

Part- 1

3 Exhaust Emission Limits, Applicability and Requirement

3.1 Exhaust Emission Limits

3.1.1. The emissions of the particulate matter (PM) during emission test/s conducted as mentioned in GSR 771(E) dated 11th Dec 2013 and its amendment vide GSR 232(E) dated 31st Mar 2014 where the PM limits shall not exceed the as specified in the NGT order / report “Report filed in O.A. No. 681/2018 dated 6.08.2019”, also tabulated in 4.8.2.

3.1.2. The engines/generating sets manufactured & installed before 1.7.2004 or the engines which are not complying either Stage-I and/or Stage-II emission limits, such engines are to be scrapped. No one shall sell/use/run the above engines/generating sets.

This rule is applicable to Retrofit Emission Control Devices (RECD) to be installed on all the Phase-I & Phase-II engines/engine families as mentioned in clause 3.1.3, which have completed five years from the date/month of engine manufacturing.

3.1.3. **Phase-I Engines:** The engines complying to emission limits as specified in CPCB Stage-1 /GSR 371 dated 17th May 2002 and the diesel genset engines manufactured/imported on or after 1.7.2004 till 1.7.2014 shall establish the compliance of minimum 70% reduction of Particulate Matter by using the retrofitted after treatment device/s without adversely affecting any other emission parameters.

Phase II Engines: The engines complying to emission limits as specified in CPCB Stage-2 / GSR 771(E) dated 11th Dec 2013 and its amendment vide GSR 232(E) dated 31-Mar-2014, and the diesel genset engines manufactured/imported on or after 1.7.2014 shall establish the compliance of minimum 70% reduction of Particulate Matter by using the retro-fitted after treatment device/s without adversely affecting any other emission parameters.

Test Cycle

Speed operation	Emission Test Cycle
Constant speed engine	5-mode Constant Speed Cycle (D2 Steady-state discrete mode test cycle specified in ISO-8178-Part 4)

Notes:

- The above test cycle and PM reduction limits are applicable for constant speed engines.
- Gaseous emissions other than PM shall not be applicable. However, other gaseous emissions & smoke should not increase than the base values.
- The testing shall be done as per test procedures mentioned in CPCB Stage-1 /GSR 371 dated 17th May 2002 and CPCB Stage-2 / GSR 771(E) dated 11th Dec 2013 and its amendment vide GSR 232(E) dated 31-Mar-2014 as applicable.
- Every manufacturer, importer or retrofitter of RECD Supplier for genset application manufactured or imported into India shall obtain Type Approval and comply with Conformity of Production (CoP) requirements of their RECD(s) for PM emission reduction limits, which shall be valid for next CoP year.
- RECD system when used and maintained according to the manufacturer’s instructions will comply with the applicable provisions during normal operation over a useful life.