

Petition No :



A Maharatna Company

Dadri Gas Power Station

(829.78 MW)

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

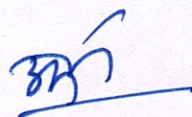
BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of **Dadri Gas Power Station (829.78 MW)** for the period from **01.04.2019 to 31.03.2024**.

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BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

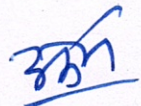
IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of **Dadri Gas Power Station (829.78 MW) for the period from 01.04.2019 to 31.03.2024.**

AND
IN THE MATTER OF

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

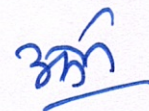
Respondents

1. Uttar Pradesh Power Corp. Ltd. (UPPCL)
Shakti Bhawan
14, Ashok Marg
Lucknow – 226 001
2. Rajasthan Urja Vikas Nigam Ltd (RUVNL)
(on behalf of Discoms of Rajasthan)
Vidyut Bhawan, Janpath,
Jaipur 302 005
3. Tata Power Delhi Distribution Ltd. (TPDDL)
Grid Substation, Hudson Road
Kingsway Camp, Delhi-110009
4. BSES Rajdhani Power Ltd. (BRPL)
BSES Bhawan, Nehru Place
New Delhi – 110019



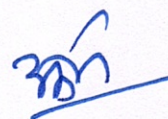
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- 5 BSES Yamuna Power Ltd. (BYPL)
Shakti Kiran Building
Karkardooma
Delhi- 110092
- 6 Haryana Power Purchase Centre. (HPPC)
Shakti Bhawan
Sector – VI,
Panchkula
Haryana – 134 109
- 7 Punjab State Power Corporation Ltd. (PSPCL)
The Mall
Patiala – 147 001
- 8 Himachal Pradesh State Electricity Board Ltd.
(HPSEB Ltd)
Kumar Housing Complex Building-II
Vidyut Bhawan
Shimla – 171 004
- 9 J&K State Power Trading Company Ltd
(on behalf of Power Development
Department(PDD), J&K)
Civil Secretariat
Srinagar
- 10 Electricity Department (Chandigarh)
Union Territory of Chandigarh
Addl. Office Building
Sector-9 D
Chandigarh
- 11 Uttarakhand Power Corporation Ltd. (UPCL)
Urja Bhavan
Kanwali Road
Dehradun – 248 001



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. Dadri Gas power Station, 829.78 MW (4 GTs x 130.19 MW+ 2 STs x 154.51 MW) (hereinafter referred to as Dadri GPS) is one such station located in the State of Uttar Pradesh. The power generated from Dadri GPS is being supplied to the respondents herein above.
- 4) The Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 (hereinafter 'Tariff Regulations 2019') which came into force from 01.04.2019, specifying the terms & conditions and methodology of tariff determination for the period 01.04.2019 to 31.03.2024.
- 5) Regulation 9(2) of Tariff Regulations 2019 provides as follows:
"(2) In case of an existing generating station or unit thereof, or transmission system or element thereof, the application shall be made by the generating company or the transmission licensee, as the case may be, by 31.10.2019, based on admitted capital cost including additional capital expenditure already admitted and incurred up to 31.3.2019 (either based on actual or projected additional capital expenditure) and estimated additional capital expenditure for the

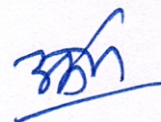


respective years of the tariff period 2019-24 along with the true up petition for the period 2014-19 in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2014.”

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

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

- 6) The tariff of the Dadri GPS for the tariff period 1.4.2014 to 31.3.2019 was determined by the Hon'ble Commission vide its order dated 27.01.2017 in Petition No. 308/GT/2014 in accordance with the CERC (Terms & Conditions of Tariff) Regulations 2014. The petitioner vide affidavit dated 20.12.2019 had filed a separate true up petition for the period 01.04.2014 to 31.03.2019 for revision of tariff in line with the applicable provisions of Tariff Regulations 2014.
- 7) It is submitted that Hon'ble Commission vide order dated 27.01.2017 in Petition no 308/GT/2014 has allowed a capital cost of Rs 901.7109 Cr as on 31.03.2019 based on the admitted projected capital expenditure for the 2014-19 period. However, the actual closing capital cost as on 31.03.2019 has been worked out in the foresaid true-up petition as Rs 997.9392 Cr based on the actual expenditure after truing up exercise for the period 2014-19. Accordingly, the Petitioner has adjusted an amount of Rs 96.2283 Cr from the admitted capital cost as on 31.03.2019 and accordingly the opening capital cost as on 01.04.2019 has been considered as Rs 997.9392 Cr. in the instant petition. The Hon'ble Commission may be pleased to accordingly adopt this adjustment in the admitted capital cost as on 31.3.2019 and determine the tariff in the present petition for the period 2019-24.
- 8) The capital cost claimed in the instant petition is based on the opening capital cost as on 01.04.2019 considered as above and no Add-Cap Expenditures is being claimed on projection basis for 2019-24 period. The same shall be claimed at the time of truing-up, if any, based on relevant Regulations.



- 9) The Petitioner further respectfully submits that as per Regulation 35(1)(6) of the Tariff Regulations 2019, the water charges, security expenses and capital spares consumed for thermal generating stations are to be allowed separately. The details in respect of water charges such as type of cooling water system, water consumption, rate of water charges as applicable for 2018-19 have been furnished below. Petitioner has considered 2% escalation per year and accordingly claimed water charges for 2019-24 period. Hon'ble Commission may be pleased to allow the same in tariff for 2019-24 period. 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
Consumption of Water	158,274,000 cft / 5.02 cusec
Rate of Water charges	Rs 12.48 per 1000 cft
Rate of Royalty Charge	Rs 6 Lakh/cusec/yr
Total Water Charges (for FY 2018-19)	Rs 49.87 Lakh

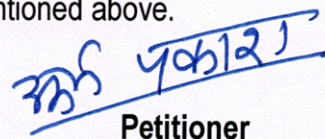
- 10) Similarly, the Petitioner is claiming the security expenses based on the estimated expenses for the period 2019-24, the same shall be subject to retrospective adjustment based on actuals at the time of truing up. In respect of capital spares consumption, it is submitted that the same shall be claimed at the time of true-up in terms of the proviso to the Regulation 35 (1)(6) based on actual consumption of spares during the period 2019-24
- 11) It is submitted that the Petitioner has already paid the requisite filing fee vide UTR No. CMS1106438370 on 22.04.2019 for the year 2019-20 and the details of the same have been duly furnished to the Hon'ble Commission vide our letter dtd 25.04.2019. For the subsequent years, it shall be paid as per the provisions of the CERC (Payment of Fees) Regulations, 2012 as amended. Further Regulation 70 (1) of Tariff Regulations 2019 provides that the application fee and publication expenses may be allowed to be recovered directly from the beneficiaries at the discretion of the Hon'ble Commission. Accordingly, it is prayed that Hon'ble Commission may be pleased to allow recover filing fee and publication fee directly from the beneficiaries.

- 12) The petitioner has accordingly calculated the tariff for 2019-24 period based on the above and the same is enclosed as **Appendix-I** to this petition.
- 13) 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
- 14) 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 Dadri GPS for the tariff period 01.04.2019 to 31.03.2024.
- ii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries.
- iii) Pass any other order as it may deem fit in the circumstances mentioned above.


Petitioner

New Delhi

Date: 24.01.2020

BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

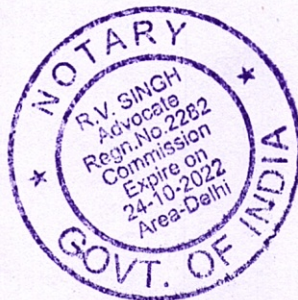
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**AND
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Petitioner: : NTPC Ltd.
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Core-7, Scope Complex
7, Institutional Area, Lodhi Road
New Delhi-110 003

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

and Others



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AFFIDAVIT

I, S. P. Kesarwani, son of Shri R. L. Kesarwani aged about 43 years resident of D-5, NTPC Samriddhi colony, Noida Sector-33 (UP) solemnly affirm and state as follows:

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

2. The statement made in the accompanying Petition for approval of tariff of **Dadri Gas Power Station (829.78 MW)** for the period from 01.04.2019 to 31.03.2024 are based on the official records maintained during the ordinary course of business and believed by the deponent to be true.

श्री एस पी केशरवाणी
Deponent

Verification

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

Verified at New Delhi on this 24th Jan, 2020

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

Notary Public. DELHI

24 JAN 2020



श्री एस पी केशरवाणी
Deponent

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TARIFF FILING FORMS (THERMAL)

FOR DETERMINATION OF TARIFF

FOR

Dadri Gas power Station

(From 01.04.2019 to 31.03.2024)

PART-I

ANNEXURE-I

use

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- 4	Details of Foreign loans	***
FORM- 4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	✓
FORM-5A**	Abstract of Claimed Capital Cost for the existing Projects	✓
FORM- 6	Financial Package upto COD	NA
FORM- 7	Details of Project Specific Loans	NA
FORM- 8	Details of Allocation of corporate loans to various projects	✓
FORM-9A**	Summary of Statement of Additional Capitalisation claimed during the period	✓
FORM-9 ##	Statement of Additional Capitalisation after COD	✓
FORM- 10	Financing of Additional Capitalisation	✓
FORM- 11	Calculation of Depreciation on original project cost	✓
FORM- 12	Statement of Depreciation	✓
FORM- 13	Calculation of Weighted Average Rate of Interest on Actual Loans	✓
FORM- 14	Draw Down Schedule for Calculation of IDC & Financing Charges	NA
FORM- 15	Details of Fuel for Computation of Energy Charges : Natural Gas	✓
FORM- 15A	Details of Fuel for Computation of Energy Charges : RLNG	✓
FORM- 15B	Details of Fuel for Computation of Energy Charges : Liquid 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 for the period 2019-24

*** 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	✓

** Additional Forms

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

30/11

List of supporting documents for tariff filing for Thermal Stations

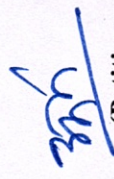
S. No.	Information / Document	Tick
1	Certificate of incorporation, Certificate for Commencement of Business, Memorandum of Association, & Articles of Association (For New Station setup by a company making tariff application for the first time to CERC)	NA
2	A. Station wise and Corporate audited Balance 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

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



Summary of Tariff

Name of the Petitioner:		NTPC Limited								
Name of the Generating Station:		Dadri Gas power Station								
Place (Region/District/State):		Northern Region/ G B Nagar/ Uttar Pradesh								
		Amount in Rs. Lakhs								
S. No.	Particulars	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24		
1	2	3	4	5	6	7	8	9		
1.1	Depreciation	Rs Lakh	10,458.52	2,849.34	-	-	-	-		
1.2	Interest on Loan	Rs Lakh	190.21	11.87	-	-	-	-		
1.3	Return on Equity	Rs Lakh	9,203.13	5,622.99	5,622.99	5,622.99	5,622.99	5,622.99		
1.4	Interest on Working Capital	Rs Lakh	9,517.81	7,986.82	7,988.45	8,034.06	8,082.21	8,132.37		
1.5	O&M Expenses	Rs Lakh	16,093.41	16,106.51	16,807.45	17,543.45	18,320.47	19,151.84		
	Total	Rs Lakh	47,532.96	32,577.53	30,418.88	31,200.49	32,025.67	32,907.20		
2.1	Landed Fuel Cost (Domestic gas)	Rs/1000SCM				15172.53				
	(%) of Fuel Quantity	(%)				86.08				
2.2	Landed Fuel Cost (RLNG)	Rs/1000SCM				47566.14				
	(%) of Fuel Quantity	(%)				10.45				
2.3	Landed Fuel Cost (Liquid)	Rs/KL				54936.49				
	(%) of Fuel Quantity	(%)				3.47				
2.4	Secondary fuel oil cost (ex-bus)	Rs/Kwh				NA				
2.5	Energy Charge Rate (Gas) ex-bus-CC	Rs/Kwh				3.385				
2.6	Energy Charge Rate (LNG) ex-bus-CC	Rs/Kwh				10.668				
2.7	Energy Charge Rate(Naptha ex-bus-CC	Rs/Kwh				12.375				
2.8	Weighted Average Energy Charge Rate ex-bus-CC	Rs/Kwh				4.458				



(Petitioner)

Name of the Petitioner: NTPC Limited
Name of the Generating Station: Dadri Gas power Station

Amount in Rs. Lakhs

Statement showing claimed capital cost – (A+B)

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	99,793.92	99,793.92	99,793.92	99,793.92	99,793.92
2	Add: Addition during the year/period	-	-	-	-	-
3	Less: De-capitalisation during the year/period	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-
5	Add: Discharges during the year/ period	-	-	-	-	-
6	Closing Capital Cost	99,793.92	99,793.92	99,793.92	99,793.92	99,793.92
7	Average Capital Cost	99,793.92	99,793.92	99,793.92	99,793.92	99,793.92

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

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	99793.92	99793.92	99793.92	99793.92	99793.92
2	Add: Addition during the year / period	-	-	-	-	-
3	Less: De-capitalisation during the year / period	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-
5	Add: Discharges during the year / period	-	-	-	-	-
6	Closing Capital Cost	99793.92	99793.92	99793.92	99793.92	99793.92
7	Average Capital Cost	99793.92	99793.92	99793.92	99793.92	99793.92

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

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



(Petitioner)

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Dadri Gas power Station

Statement showing Return on Equity at Normal Rate

S. No.	Particulars	Amount in Rs. Lakhs				
		2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
	Return on Equity					
1	Gross Opening Equity (Normal)	47,529.05	47,529.05	47,529.05	47,529.05	47,529.05
2	Less: Adjustment in Opening Equity	17,590.87				
3	Adjustment during the year		17590.87	17590.87	17590.87	17590.87
4	Net Opening Equity (Normal)	29,938.18	29,938.18	29,938.18	29,938.18	29,938.18
5	Add: Increase in equity due to addition during the year / period	-	-	-	-	-
7	Less: Decrease due to De-capitalisation during the year / period	-	-	-	-	-
8	Less: Decrease due to reversal during the year / period	-	-	-	-	-
9	Add: Increase due to discharges during the year / period	-	-	-	-	-
10	Net closing Equity (Normal)	29,938.18	29,938.18	29,938.18	29,938.18	29,938.18
11	Average Equity (Normal)	29,938.18	29,938.18	29,938.18	29,938.18	29,938.18
12	Rate of ROE (%)	18.782	18.782	18.782	18.782	18.782
13	Total ROE	5,622.99	5,622.99	5,622.99	5,622.99	5,622.99


(Petitioner)


Name of the Petitioner:	NTPC Limited						
Name of the Generating Station:	Dadri Gas power Station						

Statement showing Return on Equity at weighted average rate of interest

S. No.	Particulars	Amount in Rs. Lakhs						
		2019-20	2020-21	2021-22	2022-23	2023-24		
1	2	3	4	5	6	7		
Return on Equity (beyond the original scope of work excluding additional capitalization due to Change in Law)								
1	Gross Opening Equity (Normal)	-	-	-	-	-	-	
2	Less: Adjustment in Opening Equity	-	-	-	-	-	-	
3	Adjustment during the year	-	-	-	-	-	-	
4	Net Opening Equity (Normal)	-	-	-	-	-	-	
5	Add: Increase in equity due to addition during the year / period	-	-	-	-	-	-	
7	Less: Decrease due to De-capitalisation during the year / period	-	-	-	-	-	-	
8	Less: Decrease due to reversal during the year / period	-	-	-	-	-	-	
9	Add: Increase due to discharges during the year / period	-	-	-	-	-	-	
10	Net closing Equity (Normal)	-	-	-	-	-	-	
11	Average Equity (Normal)	-	-	-	-	-	-	
12	Rate of ROE (%)	15.514	15.514	15.514	15.514	15.514	15.514	
13	Total ROE	0.00	0.00	0.00	0.00	0.00	0.00	


(Petitioner)

Plant Characteristics

Name of the Petitioner	NTPC Ltd					
Name of the Generating Station	Dadri Gas Power Station					
Unit(s)/Block(s)/Parameters	GT-1	GT-2	GT-3	GT-3	ST-1	ST-2
Installed Capacity (MW)	111.19	111.19	111.19	111.19	109.30	109.30
Schedule COD as per Investment Approval						
Actual COD	1-Oct-90	1-Oct-90	1-Nov-90	1-Nov-90	1-Nov-90	1-Dec-90
Pit Head or Non Pit Head	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	HSD					
Special Features/Site Specific Features						
Special Technological Features						
Environmental Regulation related features						
Any other special features						
 Petitioner						

Normative parameters considered for tariff computations

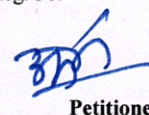
Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Dadri Gas power Station

(Year Ending March)

Particulars	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
Base Rate of Return on Equity \$\$	%	15.50	15.50	15.50	15.50	15.50	15.50
Base Rate of Return on Equity on Add. Capitalization** \$\$	%	-	8.3979%	8.4003%	8.4075%	8.4133%	8.4146%
Effective Tax Rate	%	21.549	17.472	17.472	17.472	17.472	17.472
Target Availability	%	85.00	85.00				
In High Demand Season	%	-	-	85.00	85.00	85.00	85.00
Peak Hours	%	-	-	85.00	85.00	85.00	85.00
Off-Peak Hours	%	-	-	85.00	85.00	85.00	85.00
In Low Demand Season(Off-Peak)	%	-	-	85.00	85.00	85.00	85.00
Peak Hours	%	-	-	85.00	85.00	85.00	85.00
Off-Peak Hours	%	-	-	85.00	85.00	85.00	85.00
Auxiliary Energy Consumption	%	2.50	2.75	2.75	2.75	2.75	2.75
Gross Station Heat Rate	kCal/kWh	2000	2000	2000	2000	2000	2000
Specific Fuel Oil Consumption	ml/kWh	NA	NA	NA	NA	NA	NA
Cost of Coal/Lignite for WC	in Days	NA	NA	NA	NA	NA	NA
Cost of Main Secondary Fuel Oil for WC	in Months	NA	NA	NA	NA	NA	NA
Fuel Cost for WC	in Days	30	30	30	30	30	30
Liquid Fuel Stock for WC	in Days	15	15	15	15	15	15
O&M Expenses	Rs lakh/MW	18.72	17.58	18.2	18.84	19.5	20.19
Maintenance Spares for WC	% of O&M	30.00	30.00	30.00	30.00	30.00	30.00
Receivables for WC	in Days	60	45	45	45	45	45
Storage capacity of Primary fuel	MT				NA		
SBI 1 Year MCLR plus 350 basis point	%	13.50	12.05	12.05	12.05	12.05	12.05
Blending ratio of domestic coal/imported coal					NA		

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

\$\$ Additional RoE due to better ramp rate would be claimed at the time of true-up or as per guidelines to be issued/ as per Reg. 30.



Petitioner

Part-I
FORM-3A
ADDITIONAL FORM

Calculation of O&M Expenses

Name of the Company : **NTPC Limited**

Name of the Power Station : **Dadri Gas power Station**

		Amount in Rs. Lakhs							
S.No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24			
1	2	3	4	5	7	8			
1	O&M expenses under Reg.35(1)								
1a	Normative	14587.53	15102.00	15633.06	16180.71	16753.26			
2	O&M expenses under Reg.35(6)								
2a	Water Charges	50.70	51.75	52.80	53.85	54.90			
2b	Security expenses	1468.28	1653.70	1857.59	2085.91	2343.68			
2c	Capital Spares**	-	-	-	-	-			
3	O&M expenses-Ash Transportation	NA	NA	NA	NA	NA			
	Total O&M Expenses	16106.51	16807.45	17543.45	18320.47	19151.84			

** Shall be provided at the time of truing up


Petitioner

Abstract of Admitted Capital Cost for the existing Projects

Name of the Company :	NTPC Limited
Name of the Power Station :	Dadri Gas power Station

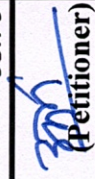
Last date of order of Commission for the project	Date (DD-MM-YYYY)	27-01-2017
Reference of petition no. in which the above order was passed	Petition no.	308/GT/2014

Following details as admitted as on the last date of the period for which tariff is approved, in the above order by the Commission:

Capital cost as on 31.03.2019		90171.09
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)		1,090.73
Gross Normative Debt as on 31.03.2019	(Rs. in lakh)	45528.90
Cumulative Repayment as on 31.03.2019		45171.06
Net Normative Debt as on 31.03.2019		357.84
Normative Equity as on 31.03.2019		44642.19
Cumulative Depreciation as on 31.03.2019		81092.10
Freehold land		68.76


(Petitioner)

Abstract of Claimed Capital Cost for the existing Projects

Name of the Company : NTPC Limited			
Name of the Power Station : Dadri Gas power Station			
Reference of Final True-up Tariff Petition	Affidavit dated	20.12.2019	
Capital Cost as on 31.03.2019 as per Hon'ble Commission's Order dated 27.01.2017 in Pet. No. 308/GT/2014	Rs. Lakhs	90,171.09	
Adjustment as per Para 7 of this petition		9,622.83	
Following details as considered by the Petitioner as on the last date of the period for which final true-up tariff is claimed:			
Capital cost as on 31.03.2019		99,793.92	
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		-	
Amount of un-discharged liabilities corresponding to above considered capital cost (but not forming part of considered capital cost being claimed on cash basis)		1,108.27	
Gross Normative Debt as on 31.03.2019	(Rs. in lakh)*	52,264.87	
Cumulative Repayment as on 31.03.2019		51,982.12	
Net Normative Debt as on 31.03.2019		282.75	
Normative Equity as on 31.03.2019		47,529.05	
Cumulative Depreciation as on 31.03.2019		86,903.31	
Freehold land		68.76	
		 (Petitioner)	

Statement Giving Details of Project Financed through a Combination of loan

Form 8

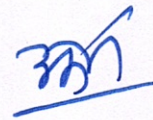
TRANCHE NO

BP NO 50500000451

T00001

D00008

Unsecured Loan From ICICI-IV		
Source of Loan :	ICICI-IV	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	1,00,00,00,000	
Date of Drawal	17.04.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00007-8.60%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	17.04.2017	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	16.02.2023	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	DADRI GAS R&M	56,00,00,000.00
	PAKRI BARWADIH CMB	44,00,00,000.00
Total Allocated Amount		1,00,00,00,000.00



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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000571

T00001

D00003

Unsecured Loan From Punjab National Bank-III		
Source of Loan :	Punjab National Bank-III	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	5,00,00,00,000	
Date of Drawl	13.08.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	13.08.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	01.02.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	30,00,00,000.00
	SOLAPUR	20,00,00,000.00
	TANDA-II	20,00,00,000.00
	TALLAIPALLI	50,00,00,000.00
	SINGRAULI R&M	80,00,00,000.00
	FARAKKA R&M	80,00,00,000.00
	RIHAND R&M	50,00,00,000.00
	DADRI GAS R&M	40,00,00,000.00
	KORBA R&M	40,00,00,000.00
	RAMAGUNDAM R&M	40,00,00,000.00
	VINDHAYACHAL R&M	30,00,00,000.00
	UNCHAHAH R&M	20,00,00,000.00
Total Allocated Amount		5,00,00,00,000.00



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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000711

T00001

D00001

Unsecured Loan From Punjab National Bank-III		
Source of Loan :	Punjab National Bank-III	
Currency :	INR	
Amount of Loan :	20,00,00,00,000	
Total Drawn amount :	20,00,00,00,000	
Date of Drawl	01.01.2019	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	01.01.2019	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	01.02.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	UNCHA HAR STPP IV	65,00,00,000.00
	TANDA-II	85,00,00,000.00
	NCTPP-II	36,43,00,000.00
	DADRI GAS R&M	56,00,00,000.00
	KORBA-III	15,00,00,000.00
	SIPAT-II	17,14,00,000.00
	FARAKKA-III	8,57,00,000.00
	KAHALGAON-II	17,14,00,000.00
	BARH-I	1,08,57,00,000.00
	BARH-II	8,00,00,000.00
	NORTH KARANPURA	1,09,00,00,000.00
	KOLDAM	6,43,00,000.00
	TAPOVAN VISHNUGAD	28,57,00,000.00
	PAKRI BARWADIH	1,42,00,00,000.00
	CHATTI BARIATU	10,00,00,000.00
	BONGAIGAON	36,43,00,000.00
	KUDGI	60,00,00,000.00
	LARA	1,23,00,00,000.00
	GADARWARA	2,27,72,00,000.00

385

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000531

T00001

D0010

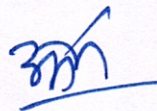
Unsecured Loan From SBI-IX		
Source of Loan :	SBI-IX	
Currency :	INR	
Amount of Loan :	30,00,00,00,000	
Total Drawn amount :	13,70,00,00,000	
Date of Drawal:	29.06.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.25%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	29.06.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	CC F&A	6,85,00,00,000
	BARH-I	40,00,00,000
	TAPOVAN VISHNUGARH	15,00,00,000
	BONGAIGAON	15,00,00,000
	SOLAPUR	20,00,00,000
	LARA-I	55,00,00,000
	GADARWARA	1,00,00,00,000
	NORTH KARANPURA	60,00,00,000
	DARLIPALLI	45,00,00,000
	TANDA II	60,00,00,000
	RAMMAM	10,00,00,000
	KHARGONE	75,00,00,000
	TELANGANA	75,00,00,000
	TTPS R&M	10,00,00,000
	VINDHYACHAL R&M	10,00,00,000
	FARAKKA R&M	50,00,00,000
	DADRI GAS R&M	45,00,00,000
Total Allocated Amount		13,70,00,00,000.00

30/6

Bonds 54 Series

<u>Particulars</u>	<u>54</u>
Source of Loan ¹	BONDS
Currency ²	INR
Amount of Loan sanctioned	1030683
Interest Type ⁶	Fixed
Fixed Interest Rate, if applicable	8.49%
Base Rate, if Floating Interest ⁷	N/A
Margin, if Floating Interest ⁸	N/A
Are there any Caps/Floor ⁹	No
If above is yes, specify caps/floor	N/A
Moratorium Period ¹⁰	8
Moratorium effective from #	25-03-2015
Repayment Period ¹¹	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025
Repayment effective from	25-03-2023
Repayment Frequency ¹²	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025
Repayment Instalment ^{13,14}	Installments 1st - 206,136.61 2nd - 412,273.22 3rd - 412,273.22
Base Exchange Rate ¹⁶	N/A
Door to Door Maturity	10

Name of the Projects	
Dadri Gas R & M	600
	-



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Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited			
Name of the Generating Station	Dadri Gas power Station			
COD	01-04-1997			
For Financial Year	2019-24 (Summary)			

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual / Projected)				Justification	Amount in Rs Lakh	Admitted Cost by the Commission, if any
		2019-20	2020-21	2021-22	2022-23			
1	2	3	4	5	6	7	8	9
A. Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate								
1	NA	NA	NA	NA	NA	NA	NA	NA
Total (A)		-	-	-	-	-	-	-
B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest								
2	NA	NA	NA	NA	NA	NA	NA	NA
Total (B)		-	-	-	-	-	-	-
Total Add. Cap. Claimed (A+B)		-	-	-	-	-	-	-

Note : No Add-Cap Expenditures is being claimed on projection basis for 2019-24 period. The same shall be claimed at the time of truing-up, if any, based on relevant Regulations.



(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited	
Name of the Generating Station	Dadri Gas power Station	
COD	01-04-1997	
For Financial Year	2019-20	

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

Note: No Add-Cap Expenditures is being claimed on projection basis for 2019-24 period. The same shall be claimed at the time of truing-up, if any, based on relevant Regulations.


(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited	
Name of the Generating Station	Dadri Gas power Station	
COD	01-04-1997	
For Financial Year	2020-21	

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Amount in Rs Lakh	
		Accrual basis as per IGAAP	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 under Original scope, Change in Law etc. eligible for RoE at Normal Rate									
1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total (A)		-	-	-	-				
B. Works beyond Original scope excluding add-cap due to Change in Law eligible for RoE at Wtd. Average rate of Interest									
2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total (B)		-	-	-	-				
Total Add. Cap. Claimed (A+B)		-	-	-	-				

Note: No Add-Cap Expenditures is being claimed on projection basis for 2019-24 period. The same shall be claimed at the time of truing-up, if any, based on relevant Regulations.

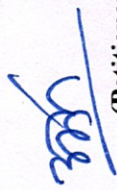

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited	
Name of the Generating Station	Dadri Gas power Station	
COD	01-04-1997	
For Financial Year	2021-22	

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

Note: No Add-Cap Expenditures is being claimed on projection basis for 2019-24 period. The same shall be claimed at the time of truing-up, if any, based on relevant Regulations.


(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		NTPC Limited				
Name of the Generating Station		Dadri Gas power Station				
COD		01-04-1997				
For Financial Year		2022-23				

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

Note: No Add-Cap Expenditures is being claimed on projection basis for 2019-24 period. The same shall be claimed at the time of truing-up, if any, based on relevant Regulations.



(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	NTPC Limited	
Name of the Generating Station	Dadri Gas power Station	
COD	01-04-1997	
For Financial Year	2023-24	

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

Note: No Add-Cap Expenditures is being claimed on projection basis for 2019-24 period. The same shall be claimed at the time of truing-up, if any, based on relevant Regulations.


(Petitioner)

**PART-I
FORM- 10**

Name of the Petitioner NTPC Limited
Name of the Generating Station Dadri Gas power Station
Date of Commercial Operation 01-04-1997

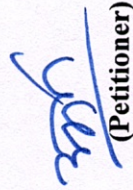
Financial Year (Starting from COD)1	Actual					Admitted				
	2019-20	2020-21	2021-22	2022-23	2023-24	2019-20	2020-21	2021-22	2022-23	2023-24
1	3	4	5	6	7	8	9	10	11	

Amount capitalised in Work/ Equipment

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

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

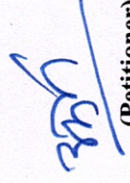
Note:
 1. Year 1 refers to Financial Year of COD and Year 2, Year 3 etc. are the subsequent financial years respectively.
 2. Loan details for meeting the additional capitalisation requirement should be given as per FORM-7 or 8 whichever is relevant.


(Petitioner)

Statement of Depreciation

Name of the Company :		NTPC Limited							
Name of the Power Station :		Dadri Gas power Station							
S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	(Amount in Rs Lakh)	
1	2	3	4	5	6	7	8		
1	Opening Capital Cost	93462.06	99,793.92	99,793.92	99,793.92	99,793.92	99,793.92	99,793.92	
2	Closing Capital Cost	99793.92	99,793.92	99,793.92	99,793.92	99,793.92	99,793.92	99,793.92	
3	Average Capital Cost	96627.99	99,793.92	99,793.92	99,793.92	99,793.92	99,793.92	99,793.92	
1a	Cost of IT Equipments & Software included in (1) above**		-	-	-	-	-	-	
2a	Cost of IT Equipments & Software included in (2) above**		-	-	-	-	-	-	
3a	Average Cost of IT Equipments & Software**		-	-	-	-	-	-	
4	Freehold land	68.76	68.76	68.76	68.76	68.76	68.76	68.76	
5	Rate of depreciation	NA			NA				
6	Depreciable value	86,903.31	89,752.64	89,752.64	89,752.64	89,752.64	89,752.64	89,752.64	
7.	Balance useful life at the beginning of the period	1.00	-	-	-	-	-	-	
8	Remaining depreciable value	10,458.52	2,849.34	-	-	-	-	-	
9	Depreciation (for the period)	0.00	2,849.34	-	-	-	-	-	
10	Depreciation (annualised)	10,458.52	2,849.34	-	-	-	-	-	
11	Cumulative depreciation at the end of the period		89,752.64	89,752.64	89,752.64	89,752.64	89,752.64	89,752.64	
12	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009	0.00	-	-	-	-	-	-	
13	Add: Cumulative depreciation adjustment on account of liability Discharge	0.00	-	-	-	-	-	-	
14	Less: Cumulative depreciation adjustment on account of de-capitalisation	2,491.98	-	-	-	-	-	-	
15	Net Cumulative depreciation at the end of the period after adjustments	86,903.31	89,752.64	89,752.64	89,752.64	89,752.64	89,752.64	89,752.64	

** Shall be provided at the time of truing up



(Petitioner)

FORM-13

Calculation of Interest on Actual Loans

Name of the Company		NTPC Limited				
Name of the Power Station		Dadri Gas Power Station				
						(Amount in lacs)
Sl	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	Punjab National Bank-III D3					
	Gross loan - Opening	4000.00	4000.00	4000.00	4000.00	4000.00
	Cumulative repayments of Loans	0.00	0.00	0.00	444.44	888.89
	Net loan - Opening	4000.00	4000.00	4000.00	3555.56	3111.11
	Addition	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the year	0.00	0.00	444.44	444.44	444.44
	Net loan - Closing	4000.00	4000.00	3555.56	3111.11	2666.67
	Average Net Loan	4000.00	4000.00	3777.78	3333.33	2888.89
	Rate of Interest on Loan	8.3000%	8.3000%	8.3000%	8.3000%	8.3000%
	Interest on loan	332.00	332.00	313.56	276.67	239.78
2	ICICI -IV D-8					
	Gross loan - Opening	5600.00	5600.00	5600.00	5600.00	5600.00
	Cumulative repayments of Loans	0.00	0.00	0.00	0.00	622.22
	Net loan - Opening	5600.00	5600.00	5600.00	5600.00	4977.78
	Addition	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the year	0.00	0.00	0.00	622.22	622.22
	Net loan - Closing	5600.00	5600.00	5600.00	4977.78	4355.56
	Average Net Loan	5600.00	5600.00	5600.00	5288.89	4666.67
	Rate of Interest on Loan	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%
	Interest on loan	481.60	481.60	481.60	454.84	401.33
3	SBI-VIII D18					
	Gross loan - Opening	1000.00	1000.00	1000.00	1000.00	1000.00
	Cumulative repayments of Loans	0.00	0.00	0.00	111.11	222.22
	Net loan - Opening	1000.00	1000.00	1000.00	888.89	777.78
	Addition	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the year	0.00	0.00	111.11	111.11	111.11
	Net loan - Closing	1000.00	1000.00	888.89	777.78	666.67
	Average Net Loan	1000.00	1000.00	944.44	833.33	722.22
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on loan	82.50	82.50	77.92	68.75	59.58



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Name of the Company		NTPC Limited				
Name of the Power Station		Dadri Gas Power Station				
						(Amount in lacs)
Sl	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
4	SBI-IX D10					
	Gross loan - Opening	4500.00	4500.00	4500.00	4500.00	4500.00
	Cumulative repayments of Loans	0.00	0.00	500.00	1000.00	1500.00
	Net loan - Opening	4500.00	4500.00	4000.00	3500.00	3000.00
	Addition	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the year	0.00	500.00	500.00	500.00	500.00
	Net loan - Closing	4500.00	4000.00	3500.00	3000.00	2500.00
	Average Net Loan	4500.00	4250.00	3750.00	3250.00	2750.00
	Rate of Interest on Loan	8.2500%	8.2500%	8.2500%	8.2500%	8.2500%
	Interest on loan	371.25	350.63	309.38	268.13	226.88
5	Bonds 54 Series					
	Gross loan - Opening	600.00	600.00	600.00	600.00	600.00
	Cumulative repayments of Loans	0.00	0.00	0.00	0.00	120.00
	Net loan - Opening	600.00	600.00	600.00	600.00	480.00
	Addition	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the year	0.00	0.00	0.00	120.00	240.00
	Net loan - Closing	600.00	600.00	600.00	480.00	240.00
	Average Net Loan	600.00	600.00	600.00	540.00	360.00
	Rate of Interest on Loan	8.5200%	8.5200%	8.5200%	8.5200%	8.5200%
	Interest on loan	51.12	51.12	51.12	46.01	30.67
	Total Loan					
	Gross loan - Opening	15,700.00	15,700.00	15,700.00	15,700.00	15,700.00
	Cumulative repayments of Loans	-	-	500.00	1,555.56	3,353.33
	Net loan - Opening	15,700.00	15,700.00	15,200.00	14,144.44	12,346.67
	Addition	-	-	-	-	-
	Repayments of Loans during the year	-	500.00	1,055.56	1,797.78	1,917.78
	Net loan - Closing	15,700.00	15,200.00	14,144.44	12,346.67	10,428.89
	Average Net Loan	15,700.00	15,450.00	14,672.22	13,245.56	11,387.78
	Rate of Interest on Loan	8.3979%	8.4003%	8.4075%	8.4133%	8.4146%
	Interest on loan	1,318.47	1,297.85	1,233.57	1,114.39	958.24

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FORM-15

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

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

Name of the Company:- NTPC Ltd.

Name of Power Station:- DADRI GAS

Month:- Oct '18

S.No.	Particulars	Unit	Natural Gas	RLNG	Liquid fuel*
1	Quantity of gas/RLNG/Liquid fuel supplied by oil/gas company/supplier inclusive of opening stock (for liquid fuel)*	SCM	7695065.830	54062803.170	6042.941
2	Adjustment (+/-) in quantity supplied by oil/gas company/supplier	SCM			
3	Gas/RLNG/Liquid fuel supplied by oil/gas company/supplier inclusive of opening stock (for liquid fuel) (1 + 2)	SCM	7695065.830	54062803.170	6042.941
4	Normative transit & handling losses	SCM			
5	Net Gas/RLNG/Liquid fuel supplied by oil/gas company/supplier inclusive of opening stock (for liquid fuel) (3 - 4)	SCM	7695065.830	54062803.170	6042.941
6	Amount charged by oil/gas company/supplier inclusive of value of opening stock (for liquid fuel)	(Rs.)	87554046	1929350344	331977952
7	Adjustment (+/-) in amount charged by oil/gas company/supplier	(Rs.)			
8	Total amount charged inclusive of opening stock (for liquid fuel) (6 + 7)	(Rs.)	87554046	1929350344	331977952
9	Transportation charges by Rail / Ship / Road Transport	(Rs.)	17536609	130774614	
10	Adjustment (+/-) in amount charged by Railways / transport Company	(Rs.)			
11	Demurrage charges, if any	(Rs.)			
12	Cost of diesel in trans. Coal MGR sys				
13	Total Transportation Charges and other charges (9+/- 10-11+12)	(Rs.)	17536609	130774614	0
14	Others	(Rs.)	27323567	535632489	
15	Total amount charged for gas/RLNG/liquid fuel supplied including transportation (8+13)	(Rs.)	132414222	2595757447	331977952
16	Weighted average GCV of gas/RLNG/liquid fuel as received	(kcal/SCM)	9194.70	9175.00	9249.00
17	Weighted average PRICE of gas / RLNG/liquid fuel	Rs/1000 SCM	17207.68	48013.74	54936.49

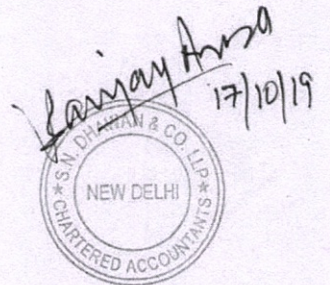
* Inclusive of opening stock in liquid fuel only

D.C. Agrawal

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



वृजेश कुमार गर्ग
वृजेश कुमार गर्ग
महाप्रबंधक (वित्त)
General Manager Finance)
DBF-HQ, Hydro-HQ & In-charge SSC-Finance
NTPC Limited
(A Government of India Enterprise)
Village : Mujedi, PO.: Neemka, Faridabad-121604 (HR)



38.1

FORM-15

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

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

Name of the Company:- NTPC Ltd.

Name of Power Station:- DADRI GAS

Month Nov. '18

S.No.	Particulars	Unit	Natural Gas	RLNG	Liquid fuel*
1	Quantity of gas/RLNG/Liquid fuel supplied by oil/gas company/supplier inclusive of opening stock (for liquid fuel)*	SCM	14910496.430	10724114.580	6042.941
2	Adjustment (+/-) in quantity supplied by oil/gas company/supplier	SCM			
3	Gas/RLNG/Liquid fuel supplied by oil/gas company/supplier inclusive of opening stock (for liquid fuel) (1 + 2)	SCM	14910496.430	10724114.580	6042.941
4	Normative transit & handling losses.	SCM			
5	Net Gas/RLNG/Liquid fuel supplied by oil/gas company/supplier inclusive of opening stock (for liquid fuel) (3 - 4)	SCM	14910496.430	10724114.580	6042.941
6	Amount charged by oil/gas company/supplier inclusive of value of opening stock (for liquid fuel)	(Rs.)	167664640	372556633	331977952
7	Adjustment (+/-) in amount charged by oil/gas company/supplier	(Rs.)			
8	Total amount charged inclusive of opening stock (for liquid fuel) (6 + 7)	(Rs.)	167664640	372556633	331977952
9	Transportation charges by Rail / Ship / Road Transport	(Rs.)	31083962	25955675	
10	Adjustment (+/-) in amount charged by Railways / transport Company	(Rs.)			
11	Demurrage charges, if any	(Rs.)			
12	Cost of diesel in trans. Coal MGR sys				
13	Total Transportation Charges and other charges (9+/-10-11+12)	(Rs.)	31083962	25955675	0
14	Others	(Rs.)	21635824	102926953	
15	Total amount charged for gas/RLNG/liquid fuel supplied including transportation (8+13)	(Rs.)	220384428	501439262	331977952
16	Weighted average GCV of gas/RLNG/liquid fuel as received	(kcal/SCM)	9289.96	9180.20	9056.00
17	Weighted average PRICE of gas / RLNG/liquid fuel	Rs/1000 SCM	14780.49	46758.10	54936.49

* Inclusive of opening stock in liquid fuel only

D.C. Agrawal

डॉ० सी० अग्रवाल / D. C. AGRAWAL
वरिष्ठ प्रबंधक (वित्त एवं लेखा) / Sr. Manager (F&A)
एन टी पी सी लिमिटेड / फरीदाबाद गैस पॉवर स्टेशन
NTPC Ltd. Faridabad (SSC-Hydro3DBF), Faridabad

DBF



बृजेश कुमार गर्ग
BRIJESH KUMAR GARG
महाप्रबंधक (वित्त)
General Manager Finance)

DBF-HQ, Hydro-HQ & In-charge SSC-Finance
NTPC Limited
(A Government of India Enterprise)
Village : Mujedi, PO.: Neemka, Faridabad-121004 (HR.)

Harijay Arora
17/10/19



38.2

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2/3

FORM-15

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

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

Name of the Company:- NTPC Ltd.

Name of Power Station:- DADRI GAS

Month Dec.'18

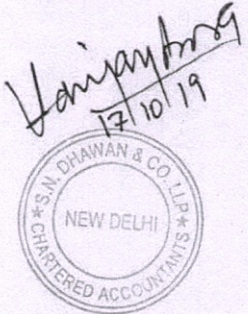
S.No.	Particulars	Unit	Natural Gas	RLNG	Liquid fuel*
1	Quantity of gas/RLNG/Liquid fuel supplied by oil/gas company/supplier inclusive of opening stock (for liquid fuel)*	SCM	36896117.110	1964027.880	6042.941
2	Adjustment (+/-) in quantity supplied by oil/gas company/supplier	SCM			
3	Gas/RLNG/Liquid fuel supplied by oil/gas company/supplier inclusive of opening stock (for liquid fuel) (1 + 2)	SCM	36896117.110	1964027.880	6042.941
4	Normative transit & handling losses	SCM			
5	Net Gas/RLNG/Liquid fuel supplied by oil/gas company/supplier inclusive of opening stock (for liquid fuel) (3 - 4)	SCM	36896117.110	1964027.880	6042.941
6	Amount charged by oil/gas company/supplier inclusive of value of opening stock (for liquid fuel)	(Rs.)	413685804	66068110	331977952
7	Adjustment (+/-) in amount charged by oil/gas company/supplier	(Rs.)			
8	Total amount charged inclusive of opening stock (for liquid fuel) (6 + 7)	(Rs.)	413685804	66068110	331977952
9	Transportation charges by Rail / Ship / Road Transport	(Rs.)	86307346	4739539	
10	Adjustment (+/-) in amount charged by Railways / transport Company	(Rs.)			
11	Demurrage charges, if any	(Rs.)			
12	Cost of diesel in trans. Coal MGR sys				
13	Total Transportation Charges and other charges (9+/- 10-11+12)	(Rs.)	86307346	4739539	0
14	Others	(Rs.)	49999317	7080765	
15	Total amount charged for gas/RLNG/liquid fuel supplied including transportation (8+13)	(Rs.)	549992467	77888414	331977952
16	Weighted average GCV of gas/RLNG/liquid fuel as received	(kcal/SCM)	9166.17	9153.13	9083.00
17	Weighted average PRICE of gas / RLNG/liquid fuel	Rs/1000 SCM	14906.51	39657.49	54936.49

* Inclusive of opening stock in liquid fuel only

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



BSS
 बृजेश कुमार गर्ग
 BRIJESH KUMAR GARG
 महाप्रबन्धक (वित्त)
 General Manager Finance)
 DBF-HQ, Hydro-HQ & In-charge SSC-Finance
 NTPC Limited
 (A Government of India Enterprise)
 Village : Mujodi, PO : Neemka, Faridabad-121004 (HR.)



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Computation of Energy Charges

Name of the Company : **NTPC Limited**
Name of the Power Station : **Dadri Gas power Station**

SI	Description	Unit		Domestic Gas	RLNG	HSD
		Gas/RLNG	HSD			
1	Normative Heat Rate (For CC Operation)	(Kcal/kwh)	(Kcal/kwh)		2000	
2	Normative Heat Rate (For OC Operation)	(Kcal/kwh)	(Kcal/kwh)		3010	
3	Capacity	MW	MW		829.78	
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	15,172.53	47,566.14	54,936.49
8	Weighted Average GCV of Fuel	Kcal/SCM	Kcal/Kg	9,216.94	9,169.44	9,129.33
9	Rate of Energy- Ex Bus-CC	(Paise/kwh)	(Paise/kwh)	338.5	1066.8	1237.5
10	Rate of Energy- Ex Bus-OC	(Paise/kwh)	(Paise/kwh)	500.498	1577.198	1829.587
11	Mode of Operation on Fuel during FY 2018-19 (% of Scheduled Generation)	%	%	86.08%	10.45%	3.47%
12	Weighted Average Energy Charge Rate as per above in 2014-19- Ex Bus CC	(Paise/kwh)	(Paise/kwh)		445.8	

WC Calculation at CC Operation

		Rs. Lakh				
13	Year	2019-20	2020-21	2021-22	2022-23	2023-24
14	No. Of days	366	365	365	365	366
15	ESO in a year (in MUs)	6025.09	6008.63	6008.63	6008.63	6025.09
16	Fuel cost for 30 days	22016.29	22016.29	22016.29	22016.29	22016.29
17	Cost of Liquid stock for 15 days	1060.35	1060.35	1060.35	1060.35	1060.35

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PETITIONER

Name of the Petitioner NTPC Ltd

Name of the Generating Station Dadri Gas power Station

Statement of Capital cost

(Amount in Rs. Lakh)

S. No.	Particulars	as on 31.03.2019		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening Gross Block Amount as per books	1,35,724.63	2,428.56	1,33,296.07
	b) Amount of IDC in A(a) above		669.25	
	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 filed at the time of truing-up


 (Petitioner)

Name of the Petitioner

NTPC Ltd

Name of the Generating Station

Dadri Gas power Station

Statement of Capital Woks in Progress

(Amount in Rs. Lakh)

S. No.	Particulars	as on 31.03.2019		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening CWIP as per books	6.78	-	6.78
	b) Amount of IDC in A(a) above			-
	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 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 filed at the time of truing-up.



(Petitioner)

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Calculation of Interest on Normative Loan

Name of the Company :		NTPC Limited							
Name of the Power Station :		Dadri Gas power Station							
S. No.	Particulars	Existing	2019-20	2020-21	2021-22	2022-23	2023-24	(Amount in Rs Lakh)	
		2018-19	4	5	6	7	8		
1	2	3							
1	Gross Normative loan – Opening	47,832.57	52,264.87	52,264.87	52,264.87	52,264.87	52,264.87	52,264.87	52,264.87
2	Cumulative repayment of Normative loan up to previous year	43,478.60	51,982.12	52,264.87	52,264.87	52,264.87	52,264.87	52,264.87	52,264.87
3	Net Normative loan – Opening	4,353.97	282.75	-	-	-	-	-	-
4	Add: Increase due to addition during the year / period	4432.30	-	-	-	-	-	-	-
5	Less: Decrease due to de-capitalisation during the year / period	1955.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Less: Repayment of Loan	8503.52	2,849.38	-	-	-	-	-	-
9	Net Normative loan - Closing	282.75	-	-	-	-	-	-	-
10	Average Normative loan	2,318.36	141.37	-	-	-	-	-	-
11	Weighted average rate of interest	8.2047	8.3979%	8.4003%	8.4075%	8.4133%	8.4146%	8.4146%	8.4146%
12	Interest on Loan	190.21	11.87	0.00	0.00	0.00	0.00	0.00	0.00

Calculation of Interest on Working Capital

Name of the Company :		NTPC Limited							
Name of the Power Station :		Dadri Gas power Station							
		(Amount in Rs Lakh)							
S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24		
1	2	3	4	5	6	7	8		
1	Cost of Coal/Lignite								
2	Cost of Main Secondary Fuel Oil								
3	Fuel Cost	18368.48	22016.29	22016.29	22016.29	22016.29	22016.29		
4	Liquid Fuel Stock	1.88	1060.35	1060.35	1060.35	1060.35	1060.35		
5	O & M Expenses	1,513.61	1342.21	1400.62	1461.95	1526.71	1595.99		
6	Maintenance Spares	5,448.99	4831.95	5042.23	5263.03	5496.14	5745.55		
7	Receivables	45,169.34	37029.86	36774.70	36871.07	36972.80	37070.40		
8	Total Working Capital	52131.93	66280.66	66294.19	66672.69	67072.28	67488.57		
9	Rate of Interest	13.5000	12.0500	12.0500	12.0500	12.0500	12.0500		
10	Interest on Working Capital	7037.81	7986.82	7988.45	8034.06	8082.21	8132.37		



Petitioner

Statement of Liability Flow

Name of the Petitioner		NTPC Limited		Dadri Gas power Station		Amount in Rs		Remarks
Name of the Generating Station :								
SI	Name of The party	Name of Asset/ Work	Year of actual capitalisation	Liabilities as on 31.03.2019	Liability addition during FY 2019-20	Liability Discharged during FY 2019-20	Undischarge liabilities as on 31.03.2020	
1	2	3	4	5	6	7	8	9=7+8
								10=5+6-9
a) For assets eligible for normal RoE								
1	BHARAT HEAVY ELECTRICAL	Supply cum Supervision of Spare Generator Transf Pkg.	Prior to 01.04.2004	2,20,558				
2	VIKRAM SOLAR PVT LTD	24V DC SOLAR PV SYSTEM AT DADRI GPS	2015-16	1,70,074				
3	GE T&D INDIA LTD	Electrical Protection System of GT#1	2017-18	8,69,899				
4	GE T&D INDIA LTD	Electrical Protection System of ST#1	2017-18	7,14,360				
5	WEIR MINERALS (INDIA) PVT LTD	FKGD30:INTER STAGE IMPELLER	2017-18	32,333				
6	WEIR MINERALS (INDIA) PVT LTD	FKGD30:SUCTION GUIDE	2017-18	32,333				
7	WEIR MINERALS (INDIA) PVT LTD	PUMP SHAFT NO:17,FKGD30, BHEL -HP-BFP	2017-18	15,000				
8	WEIR MINERALS (INDIA) PVT LTD	SHAFT-FA1 B 56,BOOSTER PUMP-BHEL	2017-18	5,487				
9	ELECTRO MED	ON LINE TEMP & HUMIDITY METER WITH AL	2017-18	2,90,949				
10	SIEMENS LTD	COMM. & MONITOR.MDL: 6DL2310-0XX2:SIEM	2017-18	2,90,949				
11	SIEMENS LTD	DATA ACQUISITION MDL: 6DL4320-0AA0:SIEM	2017-18	2,90,949				
12	SIEMENS LTD	ANALOG I/P C/L MDL: 6ES7331-7NF10-0A80	2017-18	2,90,949				
13	SIEMENS LTD	ANALOG O/P SM332 MDL: 6ES7332-5HF00-0A	2017-18	2,90,949				
14	SIEMENS LTD	DIGT I/P SOE MODULE: 6ES7321-7BH01-0A	2017-18	2,90,949				
15	SIEMENS LTD	ANALOG INPUT MODULE:6ES7331-1KF01 OABO	2017-18	2,90,949				
16	SIEMENS LTD	Y-COUPLING.MODULE.6SE7197-1LA03-0	2017-18	2,90,949				
17	SIEMENS LTD	PROCESSOR MODULE: S7-410-5H: SIEMENS	2017-18	2,90,949				
18	SIEMENS LTD	COMPLETE LVS: DVS-7080R9A; DELTA	2017-18	2,90,949				
19	SIEMENS LTD	CP 443-1 COMMUNICATION PROCESSOR MODUL	2017-18	2,90,949				
20	SIEMENS LTD	POWER SUPPLY MODULE: 28VDC.20A; PHOENI	2017-18	2,90,949				
21	SIEMENS LTD	CPU BOARD FOR SODIUM ANALYSER OF CONTR	2017-18	2,90,949				
22	GE T&D INDIA LTD	GRP System Dadri Gas U#4	2018-19	9,87,500				
23	GE T&D INDIA LTD	GRP System Dadri Gas U#5	2018-19	8,69,900				
24	GE T&D INDIA LTD	GRP System Dadri Gas U#6	2018-19	7,14,360				
25	SIEMENS LTD	C&I System Equip - M/s Siemens (GT 11o4)	2018-19	3,57,33,032				
26	SIEMENS AG	R&M of C&I - GT# 1(55-25686)&26255	2018-19	7,05,47,470				
27	SULZER TURBO SERVICES VENLO B.	V94.2:ST-2 TURB STATOR BLADE. H12F38H2	2018-19	6,74,284				
28	SIEMENS AG	V94.2:ST-1 TURB ROTOR BLADE. H12C84H77	2018-19	1,95,69,104				
29	SIEMENS AG	V94.2:ST-1 TURB ROTOR BLADE. H12C84H85	2018-19	2,24,423				
30	SIEMENS AG	V94.2:ST-2 TURB ROTOR BLADE. H12F13H12	2018-19	2,37,28,004				
31	SIEMENS AG	V94.2:ST-2 TURB ROTOR BLADE. H12F13H20	2018-19	2,74,088				
32	SIEMENS AG	V94.2:TURBINE INNER CASING. H11D66J23	2018-19	4,97,43,878				
33	ANSALDO ENERGIA	V94.2:ST-1 COMP STATOR BLADE. H10G10E2	2018-19	9,65,767				
34	ANSALDO ENERGIA	V94.2:ST-4 COMP STATOR BLADE. H00B14D1	2018-19	7,04,502				
35	ANSALDO ENERGIA	V94.2:ST-4 COMP ROTOR BLADE. H12A86B72	2018-19	10,52,902				
36	ANSALDO ENERGIA	V94.2:ST-6 COMP ROTOR BLADE. H10G10F44	2018-19	6,52,264				
37	ANSALDO ENERGIA	V94.2:LOCKING PIN FOR BUSH. H13B59G22	2018-19	74,766				
38	ANSALDO ENERGIA	V94.2:TILE SUPPORT RING. H10J20G63	2018-19	41,16,776				
39	ANSALDO ENERGIA	V94.2:PLATE (MIX CHAMB). H10J39K94	2018-19	1,95,329				
40	ANSALDO ENERGIA	V94.2:ST-7 COMP ROTOR BLADE. H00B11C71	2018-19	3,98,573				
41	SIEMENS AG	V94.2:FUEL OIL 3WAY BALL VALVE DN40PN1	2018-19	88,89,102				
42	SIEMENS AG	V94.2:FUEL OIL CONTROL VALVE ASSEMBLY	2018-19	67,49,751				

To be filed at the time of truing-up

NTPC Limited										
Dadri Gas power Station										
Name of the Petitioner										
Name of the Generating Station :										
Sl	Name of The party	Name of Asset/ Work	Year of actual capitalisation	Liabilities as on 31.03.2019	6	Liability Discharged during FY 2019-20		Undischarge liabilities as on 31.03.2020	Amount in Rs	Remarks
						by Payment	by Reversal			
1	2	3	4	5	7	8	9=7+8	10=5+6-9		
43	OMICRON ENERGY SOLUTIONS PVT	12KV TAN DELTA AND CAPACITANCE TEST KI	2018-19	2,96,000					Not Claimed	
44	IPARAG FANS & COOLING SYSTEM LT	83642-4.0-18BX2:FAN ASSY 288IN HP-4-8	2018-19	2,37,600					Not Claimed	
45	NORTH STREET COOLING TOWERS	COMP G/Box ASSY P91-4023-1.11.18.1	2018-19	1,19,569					Not Claimed	
46	BHARAT HEAVY ELECTRICALS LTD	GENERATOR SHAFT SEAL FOR TE AND EE	2018-19	51,48,579					Not Claimed	
47	SIEMENS AG	V94.2:GEAR WHEEL(T/G), H12D70F68	2018-19	7,18,782					Not Claimed	
48	SIEMENS AG	V94.2:SHAFT(T/G), H00A62B10, CK35	2018-19	1,93,599					Not Claimed	
49	SIEMENS AG	V94.2:PLATE (MIX CHAMB), H10J39K94	2018-19	1,50,182					Not Claimed	
50	SIEMENS AG	V94.2:LOCKING PIN FOR BUSH, H13B59G22	2018-19	26,326					Not Claimed	
51	SIEMENS AG	V94.2:COMB JOURN/THRUST BRG, H11A45C60	2018-19	3,91,350					Not Claimed	
52	SIEMENS AG	V94.2:BEARING COMPLETE, H00A68A59	2018-19	2,65,212					Not Claimed	
53	ELPRO INTERNATIONAL LIMITED	SURGE ARRESTER:220 KV:ELPRO	2018-19	6,37,200					Not Claimed	
54	SIEMENS AG	THYRISTOR	2018-19	68,266					Not Claimed	
55	SIEMENS AG	GE:D4.0 SEMIPOL.:HPC-IP CONTROLLER	2018-19	59,698					Not Claimed	
56	SIEMENS AG	GE:D4.0 SEMIPOL.:THYRISTOR-RECTIFIER	2018-19	98,535					Not Claimed	
57	SIEMENS AG	GE:D4.0 SEMIPOL.:THYRISTOR-RECTIFIER	2018-19	1,15,380					Not Claimed	
58	SIEMENS AG	GE:D4.0 SEMIPOL.:PIBE3 WITHOUT FIRING	2018-19	36,235					Not Claimed	
59	SIEMENS AG	GE:D4.0 SEMIPOL.:PIBE 3 2 OFF PULSEAMP	2018-19	94,139					Not Claimed	
60	SIEMENS AG	GE:D4.0 SEMIPOL.:PIBE3 WITHOUT FIRING	2018-19	34,679					Not Claimed	
61	SIEMENS AG	FDCB:DP:2000A:1500V DC	2018-19	4,31,186					Not Claimed	
62	SIEMENS AG	DATA ACQUISITION MDL: 6DL4320-0AA00:SIE	2018-19	6,52,717					Not Claimed	
63	SIEMENS AG	FLAME SCANNER ASSY.	2018-19	51,236					Not Claimed	
64	SIEMENS AG	TEST GENERATOR: E1698.32:MAKE-BRAUN	2018-19	3,06,675					Not Claimed	
65	SIEMENS AG	SPEED MONITOR: E1668.021,MAKE-BRAUN	2018-19	2,73,284					Not Claimed	
Sub Total (a)				24,28,55,969						
b) For assets eligible for RoE at weightage average rate of interest on loan										
1	-	-	-	-						
Sub Total (b)				-						
Grand Total (a) + (b)				24,28,55,969						

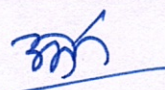
To be filed at the time of truing-up

[Signature]

(Petitioner)

Summary of issue involved in the petition

Name of the Company :		NTPC Limited				
Name of the Power Station :		Dadri Gas power Station				
1	Petitioner:	NTPC Limited				
2	Subject: Determination of tariff of Dadri Gas power station (829.78 MW) for the period from 01.04.2019 to 31.03.2024					
3	Prayer: i) Approve tariff of Dadri GPS for the tariff period 01.04.2019 to 31.03.2024. ii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries. iii) Pass any other order as it may deem fit in the circumstances mentioned above.					
Name of Respondents						
1. Uttar Pradesh Power Corp. Ltd (UPPCL)						
2. Uttarakhand Power Corporation Ltd (UPCL)						
3. Rajasthan Urja Vikas Nigam Limited (RUVNL)						
4. Tata Power Delhi Distribution Ltd (TPDDL)						
5. BSES Rajdhani Power Ltd (BRPL)						
6. BSES Yamuna Power Ltd (BYPL)						
7. Punjab State Power Corporation Ltd (PSPCL)						
8. Himachal Pradesh State Electricity Board Ltd (HPSEBL)						
9. Power Development Department (PDD), J&K						
10. Haryana Power Purchase Centre (HPPC)						
11. Electricity Department (Chandigarh)						
Project Scope : Dadri Gas power station (829.78 MW)						
Cost: Approved Capital Cost Rs 90171.09 Lakh as on 31.03.2019						
Commissioning : Station COD on 01.04.1997						
Claim		2019-20	2020-21	2021-22	2022-23	2023-24
5	AFC (in Rs Lakh)	32,577.57	30,418.88	31,200.49	32,025.67	32,907.20
	Capital cost (in Rs Lakh)	99,793.92	99,793.92	99,793.92	99,793.92	99,793.92
	Initial spare (in Rs Lakh)	included in above				
	NAPAF (Gen) (in %)	85				
	Any Specific					



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