BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION NEW DELHI

| PETITION NO |
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|-------------|

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 North Karanpura Super Thermal Power Project (3 X 660 MW) for the period from 01.04.2024 to 31.03.2029.

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BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION NEW DELHI

PETITION NO.....

IN THE MATTER OF

: Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for approval of tariff of North Karanpura Super Thermal Power Project, (3 X 660 MW) for the period from 01.04.2024 to 31.03.2029.

AND IN THE MATTER OF

Petitioner:

: NTPC Ltd.

NTPC Bhawan

Core-7, Scope Complex

7, Institutional Area, Lodhi Road

New Delhi-110 003.

Respondents:

North Bihar Power Distribution Company Ltd. (NBPDCL),

Vidyut Bhawan, Bailey Road,

Patna (Bihar) 800001

2. South Bihar Power Distribution Company Ltd. (SBPDCL),

Vidyut Bhawan, Bailey Road,

Patna (Bihar) 800001

3. Jharkhand Urja Vikas Nigam Limited

Engineering Building, HEC Township

Dhurwa, Ranchi - 834004

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Location: NTPC Ltd

4 GRIDCO Ltd.
24, Janpath,
Bhubaneswar – 751007

5 West Bengal State Electricity Distribution Co. Ltd.
Vidyut Bhawan, Block-DJ
Sector-II, Salt Lake City,
Kolkata – 700 091

The Petitioner humbly states that:

- The Petitioner herein NTPC Ltd. (hereinafter referred to as 'Petitioner' or 'NTPC'), is a company incorporated under provisions of the Company Act, 1956 and a Government Company as defined under Section 2(45) of the Companies Act, 2013. Further, NTPC is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.
- In terms of Section 79(1)(a) of Electricity Act, 2003, the Hon'ble Commission has been vested with the functions to regulate the tariff of NTPC, being a Generating Company owned and controlled by the Central Government. The regulation of the tariff of NTPC is as provided under Section 79(1)(a) read with Section 61, 62 and 64 of the Electricity Act, 2003 and the Regulations notified by the Hon'ble Commission in exercise of powers under Section 178 read with Section 61 of the Electricity Act, 2003.
- 3) The Petitioner is having power Projects/ projects at different regions and places in the country. North Karanpura Super Thermal Power Project (3 X 660 MW) (hereinafter referred to as NKSTPP is one such Project located in the State of Jharkhand. The power generated from NKSTPP is being supplied to the respondents herein above.

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Location: NTPC Ltd

- 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 Project 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 NKSTPP for the period from 01.04.2024 to 31.03.2029 as per the Tariff Regulations 2024.

- The petitioner had filed petition no. 91/GT/2023 with audited data as on U#1 COD vide affidavit dated 12.06.24. the pleadings are still in progress and order is not issued by Hon'ble commission. During the pendency of said petition, station has achieved COD of Unit#2 on 20.03.2024. Thereafter, the petitioner has filed petition vide affidavit dated 29.11.24 with audited financials from U#1 COD (01.03.2023) to U#2 COD (20.03.2024) till 31.03.2024 in accordance with the CERC (Terms & Conditions of Tariff) Regulations 2019. Order is yet to be issued by Hon'ble Commission.
 - The capital cost claimed in the instant petition is based on the closing capital cost as on 01.04.2024 considered as filed vide affidavit dated 29.11.2024 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.

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- 8) The Petitioner further respectfully submits that in the instant petition data anticipated COD of U#3 has been considered on 01.05.2025 tariff of NKSTPP has been projected accordingly for 24-29 period in line with CERC (Terms & Conditions of Tariff) Regulations 2024.
- Positioner further respectfully submits that as per Regulation 36(1)(6) of the Tariff Regulations 2024, the water charges, security expenses and ash utilization expenses are to be allowed separately. The details in respect of water charges such as type of cooling water system, water consumption, rate of water charges as applicable for 2023-24 have been furnished below. Water charges claimed is provided year on year on an estimated basis for 24-29 and same may be allowed in tariff for the 2024-29. 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 | Thermal Power Plant | | | |
| Type of cooling water system | Closed Cycle (Air Cooled Condenser with mechanical Draft Fan) | | | |
| Allocation of Water for NKSTPP | 20 MCM / year (water drawn from Garhi river only during monsoon months to replenish raw water reservoir) | | | |
| Rate of Water charges | Rs 11.704 per KL as on date of commencement of Agreement i.e. 01.10.2020. To be increase 10 % annually. | | | |

Similarly, the Petitioner is claiming the security & ash utilization 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

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- 11) However, it is submitted that the expenditure towards the ash utilization charges is recurring in nature and the Petitioner has been incurring ash utilization expenditure in its Projects in the current tariff period also. In case the same is permitted to be recovered after the issuance of the tariff order for the period 2024-29, there will be additional liability on the beneficiary on account of the interest payment for the period till the time the tariff petitions for the period 2024-29 is decided. To avoid the interest payment liability of the beneficiaries, it is prayed that the petitioner may be allowed to recover/ pass on the ash utilization charges on a monthly basis subject to true-up at the end of the 2024-29 period.
- The petitioner humbly submits that petition no. 227/MP/2024 has been filed by the petitioner concerning Ash Transport Expenditure for its Projects which is under active consideration of this Hon'ble Commission and the outcome of the said petition will be applicable to the instant petition also
- 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.
- The present petition is filed on the basis of norms specified in the Tariff Regulations 2024. It is submitted that the petitioner is in the process of installing the Emission Control Systems (ECS) in compliance of the Revised Emission Standards as notified by MOEF vide notification dated 07.12.2015 as amended. Completion of these schemes in compliance of revised emission norms will affect the Project APC, Heat Rate, O&M expenses etc. In addition, the availability of the unit/ Project would be also affected due to shutdown of the units for installation of ECS.

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15) It is submitted that Hon'ble Commission in 2024 Tariff Regulations has prescribed the unit heat rate pertaining to various parameters. As per this Tariff Regulation, the max design Heat Rate (kCal/kwh) specified for pressure and temp. parameters of nearest class to North Karanpura station for sub-Bituminous Indian Coal is 2109.30 kCal/kWh. However, in case of NKTPP-I, the Guaranteed Unit Heat Rate specified is 2236.9 kCal/kWh.

Tariff Regulation 2024 also provides adjustment of maximum turbine cycle heat rate for type of dry cooling system in Regulation 70 (C). The relevant clause is stated as follows:

"Norms of operation for thermal generating station

- 49. The norms of operation as given hereunder shall apply to thermal generating stations:
- (A) Normative Annual Plant Availability Factor (NAPAF):

 (C) Gross Station Heat Rate:

 (a) Existing Thermal Generating Stations

(b) Thermal Generating Stations achieving COD on or after 1.4.2009:

For Coal-based and lignite-fired Thermal Generating Stations:

For 200-300 MW Sets.: 1.05 X Design Heat Rate (kCal/kWh)

For 500 MW Sets and above: 1.045 X Design Heat Rate (kCal/kWh) Where the Design Heat Rate of a generating unit means the unit heat rate guaranteed by the supplier at conditions of 100% MCR, zero percent make up, design coal and design cooling water temperature/back pressure.

......

Provided units based on a dry cooling system, the maximum turbine cycle heat rate shall be considered as per the actual design or 6% higher than the values given in the table above, whichever is lower; "

16) It is submitted that NKSTPP-I has been designed with Air Cooled Condenser with mechanical Draft Fan which has resulted in reduction in specific water consumption.
However, in case of Air-Cooled Condenser there is substantial loss of the attention of the condense of the co

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compared to normal condenser having water as cooling medium. This is because the air as the cooling medium has certain limitations as compared to water which is better heat transfer medium, and hence results in larger heat rejection. Further it is to be submitted that petitioner has awarded the main package of the instant station on EPC basis, the supplier has guaranteed station heat rate instead of turbine cycle Heat rate and boiler efficiency separately. As Tariff regulations allows for adjustment in the heat rate for dry cooling system, it is prayed that Design Station Heat rate may be allowed based on guaranteed design value as provided by supplier i.e. 2236.96 Kcal/Kwh and accordingly, Gross station heat rate works out to 2337.56 kCal/kWh (i.e 1.045 x 2236.90 kCal/kWh).

17) It is also submitted that the EPC package was awarded through International Competitive Bidding during 2009-14 Tariff period. It was not possible for the Petitioner to specify the efficiency parameters at the time of finalizing the contracts on the instant station as per the efficiency parameters specified in the Tariff Regulations 2019-24 which are more stringent. In a similar case, this Hon'ble Commission in its Order dated 20.02.2014 passed in Petition No. 160/GT/2012 has considered the design parameters for computing Gross Heat Rate of the station with appropriate operating margin. The relevant extract of the Order is reproduced hereunder: -

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

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for ordering the BTG plant, this would have increased the capital cost commensurate to the efficiency parameters sought. The benefit of the lower capital cost due to lower efficiency parameters has already been passed onto the beneficiaries in terms of lower

capital cost. In view of the above submissions, it is prayed that Design Station Heat rate

Further, it is submitted that if the Petitioner had stipulated more stringent unit heat rate

may be allowed based on guaranteed design value and accordingly, the gross Station

heat rate may be considered as 2337.56 kCal/kWh. The tariff computation is attached

herewith and marked as Appendix- I based on considering Station Heat Rate as per

design heat rate multiplied by 1.045 as per Tariff Regulation 2024.

It is submitted that Hon'ble Commission has prescribed Aux Energy consumption norms

at clause 70 (E) of the Tariff Regulations 2019. As per this for Coal based generating

stations of capacity 300 MW & above having steam driven boiler feed pumps the Aux

energy consumption allowed is 5.25 %. Further, as per regulations, additional Auxiliary

energy consumption of 1.0% shall be allowed for plants with direct cooling air cooled

condenser with mechanical draft fans.

It is submitted that direct cooling air cooled condenser with mechanical draft fans

technology has been adopted for the instant station. Accordingly, the total normative aux

power consumption as per tariff regulation works out as 6.25 % for the North Karanpura

project.

18)

In view of above submissions, it is prayed that Aux Energy consumption of 6.25% may be

allowed for the instant station. The tariff computation attached at Appendix-I is based on

considering Aux Energy consumption of 6.75%.

20) It is submitted that the expected commissioning of FGD, which is a part of the original

scope of works, is in FY'25-26 and FY'26-27. Accordingly weighted average landed cost

of limestone in Form-16A of Appendix-I pertaining to instant Project has been provided anticoling

Digitally signed by PRASHANT CHATURVEDI Date: 2024. 130 22:04:08 IST Reason: AGM, ommercial) Location: NTPC Ltd on an estimated basis, which will be subject to true up. Also APC margin of 1% has been considered from the expected ODe of the FGD at NKSTPP, as per CERC Tariff Regulations, 2024.

- 21) 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.
- 22) The Petitioner humbly submits that the pay/wage revision for the employees of the Petitioner will be due wef 01.01.2027. Further, the wage/pay revision of CISF and Kendriya Vidyalaya employees will also be due for revision during the tariff period 2024-29. Regulation-36(1)(8) of CERC (Terms & Conditions of Tariff) Regulations-2024 provides as below:

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

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

- 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.
- In accordance with the 'Conduct of Business Regulations 2023' of the Hon'ble Commission, the Petitioner shall, within 7 days after filing the tariff petition, publish a notice about such filing in at least two daily leading digital newspapers one in English language and another in any of the Indian languages, having wide circulation in each of the States and Union Territories where the beneficiaries are situated to the Charles of the States and Union Territories where the beneficiaries are situated to the Charles of the States and Union Territories where the beneficiaries are situated to the Charles of the States and Union Territories where the beneficiaries are situated to the States and Union Territories where the beneficiaries are situated to the States and Union Territories where the beneficiaries are situated to the States and Union Territories where the beneficiaries are situated to the States and Union Territories where the beneficiaries are situated to the States and Union Territories where the beneficiaries are situated to the States and Union Territories where the beneficiaries are situated to the States and Union Territories where the beneficiaries are situated to the States and Union Territories where the beneficiaries are situated to the States and Union Territories where the beneficiaries are situated to the States and Union Territories where the beneficiaries are situated to the States and Union Territories where the beneficiaries are situated to the States and Union Territories where the beneficiaries are situated to the States and Union Territories where the beneficiaries are situated to the States and Union Territories where the beneficiaries are situated to the States and Union Territories where the States are situated to the States and Union Territories where the States are situated to the States and Union Territories where the States are situated to the States and Union Territories where the States are situated to the States and Union Territories where the States are situated to the States

Digitally signed by PRASHANT CHATURVEOI Date: 2024. 130 22:04:08 IST Reason: AGM Commercial) Location: NTPC Ltd 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) The filing fee for the instant Petition has been paid for FY 2024-25 vide Payment Reference No. 37c568eba62158b7b321 on 24.04.24 as per Central Electricity Regulatory Commission (Payment of Fees) Regulations, 2012, as amended from time to time. For subsequent years, it shall be paid as per the provisions of CERC (Payment of Fee) Regulations 2012. Further, the proof of payment of fees is being submitted in Form I specified under Regulation 12 of the Central Electricity Regulatory Commission (Payment of Fees) Regulations, 2012, as amended from time to time. Hon'ble Commission may be pleased to take the above into consideration and allow the recovery of filing fee for the instant Project as per Regulation-94 of CERC Tariff Regulations 2024.
- 26) It is submitted that the petitioner is filing this tariff petition subject to the outcome of its various appeals/ petitions pending before different courts. Besides, the petitions filed by NTPC for determination of capital base as on 31.3.2019 through true-up exercise are pending before the Hon'ble Commission and would take some time. The Petitioner, therefore, reserves its right to amend the tariff petition as per the outcome in such appeals/ petitions, if required.
- 27) It is submitted that in terms of Regulation 60 (5) of the Tariff Regulations 2024, the Petitioner is required to furnish details qua providing the details of Landed Price & Gross Calorific Value ("GCV") of coal in Form 15. It is further submitted that the Petitioner in terms of Regulation 40 of the Tariff Regulations 2019 was required to furnish the details for Landed Price & GCV of coal also as per Form 15 of the Tariff Regulations, 2019.
- However, in so far as the present Petition is concerned, the Petitioner has prepared & submitted the data of coal as per Form 15 of the Tariff Regulations, 2019. The same is because of the following reasons: -

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- (i) This Hon'ble Commission had notified the Tariff Regulations, 2019 on 07.03.2019 and the same was in effect till 31.03.2024.
- (ii) The Petitioner being a diligent utility has been seamlessly providing the said data of coal in terms of the prescribed format (i.e. Form 15 of Annexure-I (Part I)) of the Tariff Regulations, 2019 to this Hon'ble Commission for computation of Interest on Working Capital.
- (iii) 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.
- (iv) By virtue of the said change, the Petitioner has been obligated to furnish the data of coal for its existing plants month wise for the preceding 12 months i.e. for FY 2023-24 for computation of Interest on Working Capital.
- (v) It is humbly submitted that by virtue of the Tariff Regulations, 2024, this Hon'ble Commission has added a new format/ revised the format of Form-15 which has not prescribed in the past Tariff Regulations i.e. of 2019. Hence, it is only now (in the Tariff Regulations 2024) that the Petitioner has been obligated to furnish the data of coal as per the new format of Form-15.
- (vi) A True copy of the Form 15 of Tariff Regulations 2019 and Form 15 of Tariff Regulations 2024, is marked and annexed herewith as Annexure A.
- (vii) 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.
- (viii) Therefore, this Hon'ble Commission may kindly exempt the Petitioner from furnishing the data of coal in terms of new format of Form 15 of the Tariff Regulations, 2024 & may be allowed to furnish the details of coal for FY 2023-24 in terms of the prescribed format of Form-15 of the Tariff Regulations, 2019.
- (ix) 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 by PRASHANT

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Landed Price & GCV of coal to this Hon'ble Commission in terms of Form 15 of the Tariff Regulations, 2019 as the value of Landed Price & GCV of coal will

remains unaffected.

Prayers

In the light of the above submissions, the Petitioner, therefore, prays that the Hon'ble

Commission may be pleased to:

Approve tariff of North Karanpura Super Thermal Power Project, Stage-I (3 X 660)

MW) for the tariff period 01.04.2024 to 31.03.2029.

ii) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and

publication expenses from the beneficiaries.

iii) Allow reimbursement of Ash Utilization Charges directly from the beneficiaries on

monthly basis, subject to true up.

iv) Allow the recovery of pay/wage revision as additional O&M over and above the

normative O&M.

v) Consider Project heat rate based on design heat rate with applicable operating

margin.

vi) Pass any other order as it may deem fit in the circumstances mentioned above.

Petitioner

Noida

Date: 30.11.24

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Location: NTPC Ltd

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 North Karanpura Super Thermal Power Project (3 X 660 MW) for the period

from 01.04.2024 to 31.03.2029.

AND IN THE MATTER OF

Petitioner:

NTPC Ltd.

NTPC Bhawan

Core-7, Scope Complex

7, Institutional Area, Lodhi Road

New Delhi-110 003

Respondents:

GR RESM

SECULIAL SAFES

North Bihar Power Distribution

Company Limited.,

Vidyut Bhawan, Bailey Road,

Patna-800001 & Others

AFFIDAVIT

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

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

- 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.
- That the annexures annexed to the Petition are correct and true copies of the respective originals.

4. 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.

प्रशन्त चतुर्वेदी/PRASHANT CHATURVED (Deponent) अपार महाप्रशन्मका (पाणितिपका) (Deponent) Addl, General Manager (Commercial) एन टी पी भी लिमिटेल,/NTPC LIMITED EOC, A-8A, Sector-24, NOIDA-201301

Verification:

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

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

(Deponent)

प्रशान्त चतुर्वेदी/PRASHANT CHAT(TRVED) अपर महाप्रवन्धक (शाणिज्य)

अपर महाप्रवन्धक (गाणिज्य) Addl. General Manager (Com: mial) एन टी पी सी लिमिटेड /NTPC। TEO EOC, A-BA, Sector-24, NOIDA 1301



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

12 9 NOV 2024



TARIFF FILING FORMS (THERMAL)

FOR DETERMINATION OF TARIFF FOR

North Karanpura Super Thermal Power Project

(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- I | Sammary of Tariff | 1 | | | |
| FORM-L(I) | Statement showing claimed capital cost | 1 | | | |
| FORM-I (II) | Statement showing Return on Equity | 1 | | | |
| FORM-2 | Plant Characteristics | 1 | | | |
| FORM-3 | Normative parameters considered for tariff computations | 1 | | | |
| FORM-3A** | Statement showing O&M Expenses | 1 | | | |
| FORM-3B** | Statement of Special Allowance | NA. | | | |
| FORM- 4 | Details of Foreign loans | 1 | | | |
| FORM-4A | A Desails of Foreign Equity | | | | |
| FORM-5 | ORM-5 Abstract of Admitted Capital Cost for the existing Projects | | | | |
| FORM-5A** | 1-5A** Abstract of Claimed Capital Cost for the existing Projects | | | | |
| FORM-6 | Financial Package upto COD | NA. | | | |
| FORM-7 | Details of Project Specific Loans | | | | |
| FORM-8 | Details of Allocation of corporate loans to various projects | 1 | | | |
| FORM-9A** | Summary of Statement of Additional Capitalisation claimed during the period | 1 | | | |
| FORM-9 ## | Statement of Additional Capitalisation after COD | 1 | | | |
| FORM- 10 | Financing of Additional Capitalisation | 1 | | | |
| FORM- II | Calculation of Depreciation on original project cost | NA. | | | |
| FORM-12 | Statement of Depreciation | 1 | | | |
| FORM-13 | Calculation of Weighted Average Rate of Interest on Actual Louns | 1 | | | |
| FORM- 14 | Draw Down Schedule for Calculation of IDC & Financing Charges | NA. | | | |
| FORM- 15 | Details of Fuel for Computation of Energy Charges | 1 | | | |
| FORM- 15A | Details of Seconday Fuel for Computation of Energy Charges | 1 | | | |
| FORM- 15B | Computation of Energy Charges | 1 | | | |
| FORM- 16 | Details of Limestone for Computation of Energy Charge Rate | NA. | | | |
| FORM-17 | Details of Capital Spares | *** | | | |
| FORM- 18 | Non-TarifTIncome | *** | | | |
| 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

| 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 | 1 |
| FORM-I | Details of Assets De-capitalised during the period | *** |
| FORM -J | Reconciliation of Capitalisation claimed vis-a-vis books of accounts | 110 |
| FORM -K | Statement showing details of items/assets/works claimed under Exclusions | *** |
| FORM-L | Statement of Capital cost | 1 |
| FORM-M | Statement of Capital Woks in Progress | 1 |
| FORM-N | Calculation of Interest on Normative Loan | 1 |
| 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 | CHATURNEDI Sphatung |

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

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

mipo co in>.

PART-I

Digitally signed by P CASHANT CHATURVEOI Date: 2024 11 22:04:08 IST Reason: AGMy ommercial) Location: NTPC Ltd

^{**} Additional Forms

| Name of the Petitioner: Name of the Generating Station: Place (Region/District/State): 2 Depreciation Interest on Loan Return on Equity Interest on Working Capital O&M Expenses Special Allowance (If applicable) Compensation Allowance (If applicable) Compensation Allowance (If applicable) Compensation Allowance (If applicable) Interest on Working Capital O&M Expenses Special Allowance (If applicable) Compensation Allowance (If applicable) Interest on Working Capital OAM Expenses Special Allowance (If applicable) Formaled Fuel Cost (coal/gas/RLNG/liquid) See of Fuel Ouamity Interest Cost (coal/gas/RLNG/liquid) other than FSA (%) of Fuel Quantity Landed Fuel Cost Imported Coal other than FSA (%) of Fuel Quantity Secondary fuel | | | | Summary | Summary of Tariff | | | | | FORM- 1 |
|--|-------|--|--------------|---------------------|-------------------|--|-----------------------------|-----------|-----------|--------------|
| North Karnapura Station: North Karnapura Super Thermal Power Project Project Region/District/Statis; Listern Region/Chântra & Hazarlings/ Janutahand Amount | | | NTPC Limit | pa | | | | | | |
| Place (Region DistrictState); Eastern Regions (Thintra & Hazarthagh Jharthdand 2023-24 2023-25 2025-25 2025-27 2023-24 2 | | | North Karan | | ermal Power | Project | | | | |
| Particulary Conjugation | | | Eastern Regi | ion/ Chhatra & | Hazaribagh/ | Sharkhand | | | | |
| Particulary Unit Existing 2021-435 2022-56 2022-56 2022-58 2 | | | | à | | 200 00 000 | | | Amount | |
| Depreciation 2 | S. No | | Unit | Existing 2023-24 | 2024-25 | 2025-26 (01.04.25-30.04.25) | 2025-26 (01.05.25-31.03.26) | 2.0 | 2027-28 | |
| Particle | - | | 3 | 4 | * | 9 | 7 | * | 9 | 10 |
| Interest on Lucin Re Liash Str. 2013 48,736.34 48,736.34 59,732.34 | Ξ | Depreciation | Rs Lakh | 59,420,72 | 59,569,62 | 59,614,62 | 77,072,99 | | 82,819,15 | 82,880.03 |
| Return or Equity Return of Equity Equit | 17 | Interest on Loan | Rs Lakh | 50,719,52 | 48,736.34 | 46,756.98 | 59,874,75 | | 80071 | 56,459,88 |
| Dick H Expenses on Working Capital Re Linkh NA Re 1.04th NA NA Re 1.04th NA NA NA NA NA NA NA NA | 1 | Return on Equity | Rs Lnkh | 68,806.40 | 68,922.18 | 68,974,24 | 89,173,61 | 94,177.05 | 95,821.93 | 95,892.36 |
| Section Mayorance (If applicable) | 4.7 | Interest on Working Capital | Rs Lakh | 8,720.13 | 9,083,60 | | 13,471,99 | 14,067,22 | 100 | 14,430,62 |
| Special Allowance (If applicable) Rs. Lakh Rs. Condensity Rs. Too Rs. Lakh Rs. Too Rs. Lakh Rs. Too Rs. | 2 | O&M Expenses | Rs Lakh | 37,132,40 | 48645.60 | | 77905.40 | | 95723.06 | 94663,77 |
| Competensision Allowance (If applicable – Rs. Lakh 224799.17 234957.34 243009.49 317498.74 348644.95 Found | 1.6 | Special Allowance (If applicable) | Rs Lukh | NA | | | | | | |
| Total Landed Fuel Cost (cool/gas/RLNG/ liquid) Rs Tran Rs | 1,7 | Compensation Allowance (If applicable – relevant for column 4 only) | Rs. Lakh | | | | | | | |
| Landed Fuel Cost (coal/gas/RLNG/ liquid) (%) (%) of Fuel Quentity (%) o | | Total | Rs Lakh | 224799.17 | 234957.34 | 243909,49 | 7498 | | 348604.95 | 344326.66 |
| Landed Fuel Cost (cost from Integrated mine) as Per FSA, if suppressed by beneficiaries or as per Rs/Ton allocation of cost (cost from Integrated mine) as laboration of cost (cost from Integrated mine) as Rs/Ton (%) of Fuel Quantity Landed Fuel Cost (costgus) Rs/Ton (%) of Fuel Quantity Landed Fuel Cost Imported Coal other than FSA. (%) of Fuel Quantity Landed Fuel Cost Imported Coal other than FSA. (%) of Fuel Quantity Landed Fuel Cost Imported Coal other than FSA. (%) Fuel Quantity Secondary Fuel Secondary Fuel Secondary Fuel Secondary Fuel Secondary Fuel Secondary Agily commercial) Chata-2field Agily Spreed By PASSHANT Chata-2field By PASSHA | 2. | Landed Fuel Cost (coal/gas/RLNG/ liquid) | Rs/Ton | | | | 2,037 | 00'2 | | |
| Landed Fuel Cost (cost from Integrated mine) as per FSA, if any, approved by beneficiarites or as per FSA, if any, approved by beneficiarites or as per FSA, if any, approved by beneficiarites or as per FSA, if any, approved by beneficiarites or as per FSA, if any, approved by beneficiarites or as per FSA, if any of Fuel Quantity [45) of Fuel Quantity [45) of Fuel Quantity [45] Carle Quantity [46) of Fuel Quantity [46) of Fuel Quantity [47) Candeav fuel oil cost [48] Candeav fuel oil cost [48] Candeav fuel oil cost [49] of Fuel Quantity [40] Candeav fuel oil cost [41] Candeav fuel oil cost [42] Candeav fuel oil cost [43] Candeav fuel oil cost [44] Candeav fuel oil cost [45] Candeav fuel oil cost [46] Candeav fuel oil cost [47] Candeav fuel oil cost [48] Candeav fuel cost [48] Candeav f | | (%) of Fuel Ousantity | (%) | | | | | | | |
| CS OF Fact Quantity CS Lambed Fact Coal Imported Coal CS OF Fact Quantity CS | 2.2 | Landed Fuel Cost (coal from Integrated mine) us per FSA, if any, approved by beneficiaries or as per allocation of coal quantity | | | | | | | | |
| Landed Fuel Cost Imported Coal Cost Oracle Quantity | | (%) of Fuel Quantily | (%) | | | | | | | |
| 1945 of Fuel Quantity 1945 | 60 | Landed Fuel Cost Imported Coal | | | | | VV | | | |
| Landed Fuel Cost (coal/gas | | (%) of Fuel Quantity | | | | | | | | |
| Landed Fuel Quantity [%) of Fuel Quantity [%) of Fuel Quantity Secondary Fuel Secondary fu | 2.4 | Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA | Rs/Ton | | | | NA | | | |
| Landed Fuel Cost Imported Coal other than FSA. (%) of Fuel Quantity Secondary Fuel Secondary Fu | | (%) of Fuel Quantity | (%) | | | | | | | |
| (%) of Fuel Quantity Secondary fuel Secondary fuel RstUnit RstUnit 1,621 1,55 1,61 1,61 1,61 Energy Charge Rate ex-bus (Paise/kWh) RstUnit 1,621 1,55 1,61 | 5 | Landed Fuel Cost Imported Coal other than FSA. | | | | | NA | | | |
| Secondary Fuel Secondary Fuel Secondary fuel Secondary fuel Secondary fuel Secondary fuel oil cost Secondary fuel Secondary fu | | (%) of Fuel Quantity | | | | | | | 6 1 | |
| RatUnit 1,621 1,55 1,61 1,61 1,61 | er. | Secondary Fuel | Standards . | | | | 0.0000 | | | |
| RetUrbit 1,621 1,55 1,61 1,61 1,61 Determinant certified by PRASHANT CHATURY Signed by PRASHANT CHATURY COINTERCOIN Digitally signed by PRASHANT CHATURY COINTERCOIN Reason: AGM Commercial) Location: NTPC Ltd | | Secondary fuel oil cost | Rs/Unit | | | | 0.042 | | | |
| Digitally signed by PRASHANT CHATURVEDI sponone PRASHANT CHATURVEDI Date: 2024 V. 22-04-08 IST Reason: AGM formmercial) Location: NTPC Ltd | | Energy Charge Rate ex-bus (Paise/kWh) | RsUnit | 1,621 | 1.55 | 1.55 | 191 | 1971 | 4 | 1,61 |
| Reason: AGM commercial) Location: NTPC Ltd | | | | | | Document carified of charturevitor report Digitally signer | PRASHA | die. | | |
| Reason: AGM Location: NTPC I | | | | | | Date: 2024 | A 22-04-08 | T | S (4 | (Petitioner) |
| | | | | | α | Reason: AGM Location: NTP | 2 | | | |

| - | Name of the Petitioners | NTPC Limited | | | | - | |
|--------|--|--------------------|--|--|--------------------|----------------------------|------------------|
| | Name of the Generating Station: | North Karanpura | Super Thermal Po | wer Project | | 77007 | |
| | | | | | | Ann | runt in Rs. Lakl |
| | _ | Statement showin | g claimed capita | d cost = (A+B) | | | ar Per XII WOO |
| 5. No. | Particulars | 2024-25 | 2025-26 (01.04.25- 30.04.25) | 2025-26 (01.05.25- 31.03.26) | 2026-27 | 2027-28 | 2028-29 |
| 1 | 1 | 3 | 4 | .5 | 6 | 7 | 8 |
| 1 | Opening Capital Cost | 12.22.341.55 | 12,24,049,55 | 15,21,751.65 | 10,43,463,65 | 16,99,348.65 | 17,01,848.6 |
| 2 | Add: Addition during the year period | 1,708.00 | 140.00 | 1,21,712.00 | 55,885.00 | 2,500.00 | |
| 3. | Less: De-capitalisation during the year period | | 784 | | - | - | |
| 4 | Less: Reversal during the year / period | | 14 | 27 | - 57 | - 5 | - |
| 5 | Add: Discharges during the year! period | | | | | | |
| 6 | Closing Capital Cross | 12,24,049.55 | 12,24,189.55 | 86,43,463,65 | 16,99,348.65 | 17.01,848.65 | 17,01,848.6 |
| 7 | Average Capital Cost | 12,23,195.55 | 12,24,119.55 | 15,82,697.65 | 16,71,406.15 | 17,09,558.65 | 17,01,848.6 |
| | | | W-W = 500 | | -Company of the | - 1 | |
| | Statement sh | nowing claimed exp | ital cost eligible | for RoE at agen | nal rate (A) | -21 | |
| i. No. | Particulum | 2024-25 | 2025-26 (01,04.25- 30,04.25) | 2025-26 (01,05,25- 31,03,26) | 2026-27 | 2027-28 | 2028-29 |
| 1 | 2 | 3 | 4 | 3 | 6 | 7 | 8 |
| 1 | Opening Capital Cost | 1222341.55 | 1224049.35 | 1521751.65 | 1643463.63 | 1699348.65 | 17018483 |
| 2 | Add: Addition during the year / period | 1708.00 | 140.00 | 121712,00 | 55885.00 | 2500.00 | 0.0 |
| 1. | Less: De-capitalisation during the year / period | 0.00 | 0.00 | 0.00 | 0.00 | 0,00 | 0.0 |
| 4 | Less: Reversal during the year/period | 0.00 | 0.00 | 0,00 | 0.00 | 0.00 | 0.0 |
| 5 | Add: Discharges during the year / period | 0.60 | 0.00 | 6.50 | 0.00 | 0.00 | 9.6 |
| 6 | Closing Capital Cost | 1224049.55 | 1224189.55 | 1643463.65 | 1699348.65 | 1701848,65 | LT01848.6 |
| 7 | Average Capital Cost | 1223195.55 | 1224119.55 | 1582697.65 | 1671406.15 | 1700598,65 | 17018487 |
| i. No. | Statement showing claimed capital | 2024-25 | 0E at one year / 2025-26 (01.04.25- 30.04.25) | MCLR + 350 bps 2025-26 (01.05.25- 31.03.26) | subject to ceiling | g of 14.00% (B) 2027-28 | 2028-29 |
| .1 | 2 | 3 | 4 | 5 | - 6 | . 7 | 8 |
| 1 | Opening Capital Cost | 6.00 | 0.00 | 0,00 | 0.00 | 0.00 | 0. |
| 2 | Add: Addition during the year period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0. |
| 1 | Less: De-capitalisation during the year / period | 0.00 | 0.00 | 0.00 | 0.000 | 0.00 | |
| 4 | Less: Reversal during the year/period | 0.00 | 0.00 | 9:90 | 0.00 | 0.00 | .0 |
| \$ | Add. Disaltarges during the year / period. | 0.00 | 0.00 | 0.00 | 0,00 | 0.00 | - (5) |
| | Closing Capital Cost | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0) |
| b. | | 0.00 | 0.00 | 9,90 | 0.00 | 6,00 | 0.0 |

Document certified by PRASHANT CHATURVEDI cpchaturvectox@ntpc.co.in>.

(Petitioner)

Digitally signed by PRASHANT CHATURVEDI Date: 2024. 1.30 22:04:08 IST Reason: AGM Commercial) Location: NTPC Ltd

| | Name of the Petitioner: | NTPC Limited | | | | | | |
|--------|--|---|------------------------------------|------------------------------------|-------------|-------------|-------------|--|
| | Name of the Generating Station: | North Karampura Super Thermal Power Project | | | | | | |
| | Statement showing | Return on Equity | at Normal | Rate | -990-1 | | | |
| | | | | | | Amount | in Rs. Lakh | |
| s. No. | Particulars | 2024-25 | 2025-26 (01.04.25- 30.04.25) | 2025-26 (01.05.25- 31.03.26) | 2026-27 | 2027-28 | 2028-29 | |
| 1 | | - 3 | 4 | 5 | - 6 | 7 | - 8 | |
| | Return on Equity | 2 | | | | | | |
| -1 | Gross Opening Equity (Normal) | 3,66,702.46 | 3,67,214.86 | 4,56,525.50 | 4,93,039.10 | 5,09,804.60 | 5,80,554.60 | |
| 2 | Less: Adjustment in Opening Equity | (H) | | | | | | |
| .3 | Adjustment during the year | | 9.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 14 | Net Opening Equity (Normal) | 3,66,702.46 | 3,67,214.86 | 4,56,525.50 | 4,93,039.10 | 5,09,804.60 | 3,10,534-60 | |
| - 5 | Add Increase in equity due to addition during the year / period | 512.40 | 42.00 | 36513.60 | 16765.50 | 750.00 | 0.0 | |
| .7 | Less. Decrease due to De-capitalisation during the year / period | ,0,00 | 0.00 | 0.00 | 6.60 | 0.00 | 0.0 | |
| . 8 | Less: Decrease due to reversal during the year/period | 0.00 | 9.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 9 | Add Increase due to discharges during the year / period. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 10 | Net closing Equity (Normal) | 3,67,214.86 | 3,67,256,36 | 4,93,039,10 | 5,09,994.00 | 5,10,554.60 | 5,10,554.60 | |
| 11 | Average Equity (Normal) | 3,66,958.66 | 3,67,235,86 | 4,74,782,30 | 5,01,421.85 | 5,10,179.60 | 5,10,554.60 | |
| - 12 | Rate of ROE (%) | 18,782 | 18.782 | 18,782 | 18.782 | 18.782 | 18.78 | |
| 13 | Total ROE | 68,922.18 | 65,974.24 | 89,173,61 | 94,177.05 | 95,821.93 | 95,892,36 | |

| | Name of the Petitioner: | NTPC Limite | d | | ACTION CONTRACTOR | | | | | | |
|--------|--|------------------|------------------------------------|------------------------------------|-------------------|--------------|------------|--|--|--|--|
| | Name of the Generating Station: | North Karung | pura Super T | hermal Power | Project | | | | | | |
| | Statement showing Retu | rn on Equity I | inked to SB | LMCLR : | | | | | | | |
| | | | | | | Amount i | n Rs. Lakh | | | | |
| S. No. | Particulars | 2024-25 | 2025-26 (01.04.25- 30.04.25) | 2025-26 (01.05.25- 31.03.26) | 2026-27 | 2027-28 | 2028-29 | | | | |
| 1. | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | |
| | Return on Equity (beyond the original scope of work including | additional capit | alization due | to Change in I | law, ECS, Fo | rce Majeure) | | | | | |
| -1 | Gooss Opening Equity (Normal) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 2 | Less: Adjustment in Opening Equity | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 3 | Adjustment during the year | 0.00 | 0:00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 4 | Net Opening Equity (Normal) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.00 | | | | |
| 5 | Add: Increase in equity due to addition during the year / period | 0.00 | 0.00 | 0.00 | 0.00 | . 0.00 | 0.00 | | | | |
| 7 | Less: Decrease due to De-capitalisation during the year / period | 0,00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 8 | Less: Decrease due to reversal during the year / period | 0.00 | 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 | 0.00 | | | | |
| 10 | Net closing Equity (Normal) | 0.00 | 0:00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 17.7 | Average Equity (Normal) | 0.00 | 0.00 | 0,00 | 0.00 | 0,00 | 0.00 | | | | |
| 11 | | 0.062 | 0.062 | 0.054 | 0.064 | 0.067 | 0.070 | | | | |
| _ | Rate of ROE (%) | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | |

Plant Characteristics

Name of the Petitioner: NTPC Limited

Nume of the Generating Station: North Karanpura Super Thermal Power Project (3 x 660 MW)

| Unit(s)/ Block(s) Parameters | Unit I Unit II Unit II | | | | |
|---|--|------------------------------|--------------------|--|--|
| Installed Capacity (MW) | 660 | 660 | 660 | | |
| Schedule COD as per Investment Approval | May19 | Nov'19 | May/20 | | |
| Actual / Anticipated COD | 01.03.2023 | 20.03.2024 | May/25 | | |
| Pit Head or Non Pit Head | Pit Hend | | | | |
| Name of the Boiler Manufacture | M/s BHEL | | | | |
| Name of Turbine Generator Manufacture | M/s SIEMENS A G | | | | |
| Main Steams Pressure at Turbine inlet (kg/Cm2) abs | 260 (at, absolute) | | | | |
| Main Steam Temperature at Turbine infet (oC) | 593 | | | | |
| Reheat Steam Pressure at Turbine inlet (kg/Cm2) | 54:06 (at, absolute) | | | | |
| Reheat Steam Temperature at Turbine inlet (oC) | | 593 | | | |
| Main Steam flow at Turbine inlet under MCR condition (tons /hr) | | 2010.654 | | | |
| Main Steam flow at Turbine inset under VWO condition (tons /hr) | | 2172.876 | | | |
| Unit Gross electrical output under MCR /Rated condition (MW) | 12 | 660 | | | |
| Limit Gross electrical output under VWO condition (MW) | | 693 | | | |
| Guaranteed Design Gross Unit Heat Rate (kCal/kWh) | Unit heat rate of | r 2236.9 kCal/kW supplier | n guaranteed by th | | |
| Conditions on which design turbine cycle heat rate guaranteed | | | | | |
| % MCR | | 100 | | | |
| % Makeup Water Consumption | 0 | | | | |
| Design Capacity of Make up Water System | Design make-up capacity of intake water system (intake from Garhi river) 4*3000 = 12000 m3/h Water available only during monsoon | | | | |
| Design Capacity of Inlet Cooling System | Design Air Flow to ACC: 78260 m3/sec | | | | |
| Design Cooling Water Temperature (C) | Design Ambient Air Temp Of ACC: 38 degC | | | | |
| Back Pressure (kg/cm2) | 196 mm Hg (abs) | | | | |
| Steam flow at super heater outlet under BMCR condition (tons/hr) | 2220 | | | | |
| Steam Pressure at super heater outlet under BMCR condition) (kg/Cm2) | 269 (g) | | | | |
| Steam Temperature at super heater outlet under BMCR condition (Deg C) | | 596 | | | |
| Steam Temperature at Reheater outlet at BMCR condition (Deg.C) | | 596 | | | |
| Design / Guaranteed Boiler Efficiency (%) | Unit heat rate of 2236.9 kCal/kWh guaranteed by supplier | | | | |
| Design Fuel with and without Blending of domestic/imported coal | Domestic | | | | |
| Type of Cooling Tower | Direct cooling air cooled condensers with mechanical draft fan (90 no. for each unit) | | | | |
| Type of cooling system | Direct Cooling, Air Cooled Condenser (ACC | | | | |
| Type of Boiler Feed Pump | 2 x 50% Turbine Driven BFP & 1 x 30% Mon Driven BFP (Stundby) | | | | |
| Type of Coal Mill | Bowl Mill | | | | |
| Fuel Details | | | | | |
| - Primary Fuel | | Coal | | | |
| -Secondary Fuel | | LDO | | | |
| -Alternate Fuels | | 1.7 | | | |
| Types of SOX control system | | FGD | | | |
| Types of NOX control system | Ove | er Fire Air Damper | s (OFA) | | |
| Details of SPM control system | 1 097 | High Efficiency E | SPs | | |
| Special Features/Site Specific Features | | | | | |
| Special Technological Features | | Air Cooled Conde | nect | | |
| Environmental Regulation related features | | FGD, OFA, ESI | P ₃ | | |
| Any other special features | | | | | |

Document certified by PSP SHANT
GHASUPASSI POR MAN PER SHANT

Digitally signed by F CASHANT CHATURVEOL Date: 2024 1089 22:04:08 IST Reason: AGM commercial) Location: NTPC Ltd

PART-FORM- 3

Normative parameters considered for tariff computations

NTPC Limited Name of the Petitioner: North Karanpura Super Thermal Power Project Name of the Generating Station:

| | | | | | | | (Year Enc | ling March |
|--|------------|---------------------|-------------|--|---|-----------------------|-----------------|------------|
| Particulars | Unit | Existing 2023-24 | 2024-25 | 2025-26 (01.04.25- 30.04.25) | 2025-26 (01.05,25- 31.03,26) | 2026-27 | 2027-28 | 2028-29 |
| - 1 | 2 | 3 | - 4 | .5 | 6 | 7 | - 8 | 9 |
| Base Rate of Return on Equity \$\$ | % | 15.50 | 15.50 | 15.50 | 15.50 | 15.50 | 15.50 | 15.50 |
| Base Rate of Return on Equity on Add. Capitalization | % | | 12.15% | 12.15% | 12.15% | 12.15% | 12,15% | 12.15% |
| Effective Tax Rate | % | 17,4720 | 17,4720 | 17.4720 | 17.4720 | 17,4720 | 17.4720 | 17,4720 |
| Target Availability | 96 | 85.00 | 85.00 | 85.00 | 85.00 | 85.00 | 85.00 | 85.00 |
| Penk Hours | | 85.00 | 85.00 | 85.00 | 85.00 | 85.00 | 85.00 | 85.00 |
| Off Peak Hours | | 85.00 | 85.00 | | | 85.00 | 85.80 | 85.00 |
| 6- Average Monthly Frequency Response Performance ## | 0-1 | 02/3/0 | 1111111 | | nitted during | | 377.00 | III: |
| Auxiliary Energy Consumption *** | % | 6.75 | 6.250 | 6.250 | 7.250 | 7.250 | 7.250 | 7.250 |
| Gross Station Heat Rate | kCal/kWh | 2348.75 | 2337.56 | | | 2337.56 | 2337.56 | 2337.56 |
| Specific Fuel Oil Consumption | ml/kWh | 0.50 | 0.50 | The second secon | THE RESERVE AND ADDRESS OF THE PARTY OF THE | 0.50 | 0.50 | 0.50 |
| Cost of Coal/Lignite for WC1 | in Days | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| Cost of Main Secondary Fuel Oil for WC1 | in Months | 2 | .2 | 2 | 2 | 2 | 2 | |
| Fuel Cost for WC2 | in Months | | | | | | | |
| Liquid Fuel Stock for WC2 | in Months | | | | | | | |
| O&M Expenses | Rs lakh/MW | 23.26 | 25.78 | 27.13 | 27.13 | 28.56 | 30.06 | 31.64 |
| Maintenance Spares for WC | % of O&M | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 |
| Receivables for WC | in Days | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| Storage capacity of Primary faet | MT | 363368 | 363368 | 363368 | 363368 | 363368 | 363368 | 363368 |
| SBL1 Year MCLR plus 323 basis point | % | 12.00 | 11.90 | 11.90 | 11.90 | 11.90 | 11.90 | 11.90 |
| Blending ratio of domestic coal/imported coal | | -55011500 | 300 400 500 | 10.00 | | 37,00 | | |
| Nones for consumption of reagent | = = | | | | | | | |
| Specific Limestone consumption for Wet Limestone FGD | | | | | | | | |
| Specific Limestone consumption for time Spray Dryer or Semi-dry FGD | | | | | | | | |
| Specific consumption of sodium bicarbonate | | | 100 4 | | at a start of | and the second second | 1170 | |
| Specific Limestone consumption for CFBC based generating station | | | LOB | e suomitted i | later/At the til | me of 1KUE | UP ₁ | |
| specific area consumption of the SNCR | | | | | | | | |
| Specific arumonia consumption of the SCR | | | | | | | | |
| Transit and Handling Losses of coal or lignite, as applicable | | | | | | | | |

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

Petitioner

^{***} APC has been considered as per expected ODe of FGD system

^{##} To be submitted at the time of truing up based on RPC certification

| Part-I |
|-----------------|
| FORM-3A |
| ADDITIONAL FORM |
| |

| Name of the Company: | NTPC Limited | |
|-----------------------------|---|-----|
| Name of the Power Station : | North Karanpura Super Thermal Power Project | |
| | Amount in Rs. Lak | chs |

| S.No. | Particulars | 2024-25 | 2025-26 (01.04.25- 30.04.25) | 2025-26 (01.05.25- 31.03.26) | 2026-27 | 2027-28 | 2028-29 |
|-------|-----------------------------------|----------|------------------------------------|------------------------------------|----------|----------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | O&M expenses under Reg.36(1)(1) | | 3 | | | | |
| 1a | Normative | 34029.60 | 35811.60 | 53717.40 | 56548.80 | 59518.80 | 62647.20 |
| 2 | O&M expenses under Reg.36(1)(6) | | | | | | |
| 2a | Water Charges ** | 1712.00 | 3768.00 | 3768,00 | 4144.00 | 4558.00 | 5014.00 |
| 2b | Security expenses ** | 3404.00 | 4420.00 | 4420.00 | 4657.00 | 4907.00 | 5172.00 |
| 2c | O&M expenses-FGD | 0.00 | 0.00 | 1000.00 | 1652,50 | 1739.26 | 1830.57 |
| 3 | O&M expenses-Ash Transportation** | 9500.00 | 15000.00 | 15000.00 | 20000.00 | 25000.00 | 20000.00 |
| | Total O&M Expenses | 48645.60 | 58999.60 | 77905.40 | 87002,30 | 95723,06 | 94663.77 |

Subject to true up

Petitioner

Tour else Statement of Additional Contribution after COD

| | 100 | of the Pothkane; of the Countilies that in | | | | NTPU Simber | Through Burn Bu | 4000 | | | | |
|--|-----|---|--------|---------|--------------------------------|--|-----------------|------|---------|----------------------------------|--|------------------------|
| | 81 | compact None | | | | 9145 2015 (Archipatro) 1821-21 (Successy) | | | | | | |
| 1972 | | | | | A professional and a second | | | | | | | entered for \$1 (all:) |
| 17 17 18 18 18 18 18 18 | 14 | I hand of "Profs disposphere | 354.28 | 2146.25 | 400 EVE WITH THE PERSON IN CO. | 300.27 | 367.08 | 2000 | 1,444 | Regulation units white claims | | mandon for |
| | - | | - | | * | 40 | | 1 | | | | |
| Mark to be desired to the part Mark to the part | 4- | DE DE CAR AND | 00000 | | 450400 | | 290.00 | | 69944 | | | |
| Mark | 11 | to make people four | 0.000 | | | | | | 100 | | | |
| Table Tabl | - | And Date | | (40.00) | 80008 | | | | 9076 | | | |
| 1702.00 1702 | * | Towards in Calcing | | | O. C. Sanda | | | | 479.0 | | | |
| Cold Inditing Plans Constst | - | Blanc Water Stjearness | | | 3752.0 | 0 | | | 31812 | 240000 | Charles and cropped Busyes acres to the case of the description and the State of the Company (SEC) (City) | |
| Mail 1 by skein Mail 1 by | + | 1 | | | C39601 | | | | EPIC) | | | |
| | 6- | TCC275ekage | | | S000000 | 8 | | | ENDORS: | | | |
| Mark 1 type indexes 1 Table 1 | | NCSV mXTPU pressure | | | 4308+ | 0 | | | | | | |
| Winer Treatment Sweazon San Table Communication San Table Communicati | | | | | | | | | | | Consistence on color manners from the control tenter was recorded by the first third (1)A, or third (1) (America A) the separate Windows NY, the control of Science dates a second of present the larger separate NY, the control of Science dates an appropriate No science date as a second of present the second of | |
| State Committee | 5 | | | | | (0.00) | | | | | | |
| State System (State System State System System System System State System Sys | | | | | | | | | | | | |
| | - | 1779 | | | | OE BUTY | | | 1806 | 24000 | Plante and coupon for the deal of the design and of the design to the design of the de | |

Year who Statement of AAAR bend Combilination offer COD

| or Pleasantal Line | on Presental Year | | | Nerth Koreau e Lét José Anne 1824.79 (News | 2010 2015 (American) | Themat Perest Project. | 3497 | | | | |
|--------------------|---|---|--------------------|--|----------------------|------------------------|---------|-----------|----------------------------------|--|-----------------------|
| | The die Walt Applyment | | | Will Chined O | Concell | | | | | Amen's Am | Administration in the |
| | | 2004.23 | STREETS STREETS | 01/8/25/01/03 | | 3027-28 | 3838.33 | Treed | Regulation under which chimat | | Caratanan II re |
| | Chemistra Swim (CLOS) | | | | 190.00 | | | 3000 | 26(1)(*1,26(1)(8) & 26(1)(1) | | |
| | | | | | | | | | | Chairtes gan is large depot demaily at vectors respond teach posterior to manner many quality soften when supplies a special process and complete and complete and complete process and complete and demand of complete and so that the complete and so that the complete and demand of complete and so that the complete and demand of complete and so that the complete and demand of complete and so that the complete and demand of complete and so that the complete and demand of complete and demand of the complete | |
| | | | | | | | | | | Designation of USCS tensors for replacing objective processing review in Recognishment at the varieties of subsequent or processed in processing plant specialism. Note this are upost in reconciliant to the varieties because the figure of the "Following Districtory Management (activities—1) beam of Theoretics of the "Following Districtory Management (activities—1) beam of Theoretics of the Processed of Alexander and Alexander of Alexander and Alexander of Alexander and Alexa | |
| | | | | | | | | | | THE THE PARTY OF T | |
| | | | | | | | | | | Office the statement and for an independently proclamble, a visiting streamment that in table and outbestein. To the location of the maphenesis. | |
| | | | | | | | | | | Seem of the major bounds of the transferred of ULACE systems on market (a) I homeone with a product of presented and pines of the transferred of the programme (b) I homeone with the original occidents (the transferred of the programme (c) I higher the complete of product occidents (the conference of the conference of the product of product occidents) and the conference of the conference of the product of the conference | |
| Total (A) | | 1,786,81 | 18/81 | 42101298 | 25,886.89 | 1288.0 | | BENG/IB | | | |
| World-Septemb | Works beyond Original scope extending sold-cap doe to C | they wild copy does to Change to Law ellights for | East or Wed. | Another eats of labours | | | | | | | |
| of this Cap Claim | 1年1979年 | 1,7300.003 | 18-81 | 8,21,213,000 | 11,500,40 | 3,64.0 | à | 181,448.0 | | | |

Document certified by PRASHANT CHATURVEDI chaturveying@ntpc.co.in>.
Digitally signed by FRASHANT
CHATURVEDI
Date: 2024. 130 22:04:08 IST
Reason: AGM. ommercial)
Location: NTPC Ltd

| Note Recording Station NTPC Limited Note Region NTPC Limited Note Region NTPC Limited Note Region NTPC Limited Note Region Note Note Region Note Note Region Note No | | | | | | | | | FORM-9 |
|--|--|--|--|-----------------------------------|------------------|-----------------------------|------------------------|---|--------------------------------------|
| Head of Work Equipment | dame of tanne of OD of or Fin | | NTPC Limited North Karampura Su 01.08.2025 2024-25 | aper Thermal Power | Project Stage-I | | * | mount in Rs Lakh | Rs. Lakhs |
| Head of Work Equipment | | | Projected add eap I | Daile W. & United From | 01.94,2024 to 31 | .03.2028 | | | |
| Works under Original scope, Change in Law State Liability included Cresh basis Cresh b | | | | ACECSII | med (Projected) | | Regulations | Instification | Admined |
| 2 | | | Account basis | Un-disch Liability inc col. | Cash hasis | IDC included in eol 3 | under which claimed | | Cost by the Commission, if any |
| Works insider Original scape, Change in Law site, eligible for Rolf at Nerval Ruse 1,000.00 1000.00 1000.00 1,708.00 1,7 | - | - 5 | f | * | 5-(3-4) | 0 | + | | ō. |
| EPC Fackage | 4 | Works under Original soops, Change in Low etc. s | elights for BoE at Nermal | Rate | | | | | |
| Barrage & Intuke water pairtip House Package Total Additional Capitalisation Claimed That Additional Capitalisation Claimed Total Additional Capitalisation Claimed Total Additional Capitalisation Claimed Total (A-B) Total (A-B) | - | EPIC Package | 1,000.00 | | 1000.00 | | | | |
| all Additional Capitalisation Claimed 1,708.00 - 1, As beyond Original screps under add-cap due to Change in Law all Additional Capitalisation Claimed 1,708.00 - 1,708.00 | ri. | Barrage & Intake water pump House Package | 708.00 | | 708.00 | | 24(1)(b) | Original Scope work under Regulation 24(1)(b) | |
| As beyond Original scrope under add-cap due to Change in Law all Additional Capitalisation Claimed 1,302.00 | | Total Additional Capitalisation Claimed (A) | 1,708.00 | 1. | 1,708.00 | | | | |
| all Additional Capitalisation Claimed 1,708.00 1,708.00 | al | Warks beyond Original screps moder add-cap than | to Change in Law | 19 | | 6. 9 | | | St. 7 |
| 1,768.50 | | Total Additional Capitalisation Claimed (B) | 8 | | ěř. | | | | |
| | | Total (4+B) | 00 80(1 | U | 1,746.00 | | | 11 | 10 |



| Name of the Generating Station COD of Station (anticipated) For Financial Year | No 01.7 | N I PC Limited North Karanpura Suj 01.05.2025 2025-26 | NTPC Limited North Karanpura Super Thermal Power Project (3 x 660 MW) 01.05.2025 2025-26 | roject (3 x 660 | (MM) | | | |
|--|------------------------|--|--|-------------------------|------------------------------|------------------------|---------------|--------------------------------------|
| | | Projected addeap | ted addeap Unit #1 & Unit#2 from 01.04.2025 to 30.04.2025 | from 01.04.2 | 025 to | | | NS. Lannis |
| Head of Work /Equipment | ment | | ACE Claims | ACE Claimed (Projected) | | Regulations | Justification | Admitted |
| - OX | | Accrual basis | Un-discharged Liability included in col. 3 | Cash basis | IDC included in col. 3 | under which claimed | | Cost by the Commission, if any |
| C* | | 3 | 4 | 5-(3-4) | 9 | 7 | 90 | 9 |
| Works under Original scope, Change in Law etc. eligible for RoE at Normal Rate | inge in Law etc. eligh | te for RoE at Normal | Rate | | | 8 | | |
| Ash Dyke | | 140.00 | | 140.00 | | | | |
| Total Additional Capitalisation Claimed | on Claimed | 140.00 | \$7 ⁰ | 140.00 | | | | |



| Ro. Loths | | 100 | Constity for Constitutions, Usey | | 10 | | | | | | | | | | | | | | CRO |
|---|---|--|---|----------|---|------------|-----------|-------------------|---------------------|--|-------------------------------|--------------------------|-------|--|--|--|-------------|--|---|
| | | | | * | | | | | | ACCEPTANT DATE OF THE SECOND S | | | 1 1 1 | of biological and the Delt system Communication Des SacThill COM, FREE, systems the storage biology is welched to America. | The November of the State of the control of the CONTROL of the State o | Further Decision to the period of the same flavoral the base of the admitter of the home have made they that the home fluor well as the period of the same flavoral transfer and tr | | | |
| | | 100 | maker which diamed | * | | l | | | a spillage | 24(1)(0) | | | 311 4 | 1 | 24(1)(8 | -16191 | | | |
| 5 | - | 403.2020 | TDC receipt in cel 3 | 146 | | | | | | | | | | | | | | | |
| oject (5 x rest MBV) | The second second | 1,85,191,580,1 | Cutham | S= (3.4) | | 4544 00 | 6336.90 | 3433.66 | 37552.60 | 15588.00 | Annual A | 390.00 | | | (1) | | 1,21,712.00 | | 1,21,712.98 |
| er Thermal Fower P | 100000000000000000000000000000000000000 | The Fig. 8. 3 True of | Un-douburged Liability included as cot. 7 | 7 | Charmed Rasp | | | | | | | | | | , | | | | Ŧ3 |
| NTPC Limited North Karaspara Super Thermal Tower Phajed 2025-36 | | Projected addesig Unit FL. & 3 Trem 05 45 1925 to 31,40 2000 | Agental bases | - 00 | Low ster stights for Roll a | 100 250 72 | 06.050.8 | 1,403.60 | 3,752.00 | 10,98000 | - Aprillability | 200:00 | | | Fileso | | 1,21,712,60 | Marine that the Change for L. | 1,21,712,40 |
| | | | HORIS BASE TANGEN | Vis | Worth, exches Drightel seaps, Change in Lon ster singlide for Rall with | FIT Parent | Ash Iblia | Towarday & Colum. | Raw Water Reservoir | Cod Harding Plant (Extensi) | No. of Street, or other Parks | CCTV is NTINC pressures. | | | (Bd) Chymleton | | Total (A) | Works become the great surpersonate a district the transport Law Carbon delitional Capitalisation Clarined (8) | Total Additional Capitalisation Claimed (A+II) |
| Name of the Potisianer Name of the Conserving Station COD of Station (noticipated) For Financial Year | | 100 000 | ž | - | 4 | | | 1 | | ů. | | 7 | | | | | 100 | 4 | |



| | #1.85.3825 3096.77 | | | | | | To Links |
|--|---|--|-------------------|-------------------------------|---|--|----------|
| State of the latest and the latest a | Projected addition | Projected addrage Unit W.J. & 3 Trace (01.84.2825 to 31.05 | 01.64.3838 to 31. | 2007 | | | |
| The second secon | Account tests | Us-Bedargod see Lability suitabol to ool 1 | Cadithasa | TKC Included is self. I | anchr which deprof | Sign Sign Sign Sign Sign Sign Sign Sign | Contyge |
| | 100 | | 34(34) | | 1.4 | | |
| - | Walls make Objated to m. Chem. in Law His shall be inch at Turned N | med Note. | | | | | |
| H | 13 secon | 90 | THOOPE | | | | |
| | | 90 | A WESTER | | | | |
| | | 90 | No. Cont. | | 2013/19 | Objected Suspendants beginning to the College of th | |
| A Made Da Water System | | 900 | COLUMN | | | | |
| West Towner Street | | 90 | 100000 | | | | |
| Chimmens Systems (Carlotter) | # F | 1 | | 7.5 | STATE AND ADDRESS OF THE PARTY | Uthors you have been found of the second deposition with particular will be separated by the second deposition of the second sec | |
| Yound Address of Capitalines to 145. | stand Column 55,555.50 | | 98,888.00 | | | | |
| Towards for magaziness and the man manual | the marter publicate lives the Thomas in Kart | | | - | | | |
| Total Additional Capitalisation Claimed | or Channel 55,585.00 | | 25,485.00 | | T | | |
| | | | | | | Occidence | |

Document certified by PRASHANT CHATURVEDI pchaturved @ntpc.co.ln>.

Digitally signed by PRASHANT CHATURVEDI

CHATURVEDI

Date: 2024.

Reason: AGM. commercial)

Location: NTPC Ltd

| 0 1 | Name of the Generating Station COD of Station (anticipated) For Financial Year | North Karanpura Su 2027-28 | North Karanpura Super Thermal Power Project (3 x 660 MW) 2027-28 | roject (3 x 660 MV | S | | | |
|-----|--|----------------------------------|---|-------------------------|------------------------------|------------------------|---|--------------------------------------|
| | | Projected addeap | addeap Unit #1.2 & 3 from 01.04.2027 to 31.03.2028 | 11.04.2027 to 31. | 03.2028 | | | MS- Lands |
| 100 | Head of Work/Equipment | | ACE Clai | ACE Claimed (Projected) | | Regulations | Justification | Admitted |
| 2 | | Accrual basis | Accrual basis Liability included in col. 3 | Cash basis | IDC included in col. 3 | under which claimed | | Cost by the Commission, If any |
| Įų. | 64 | * | 4 | 5=(3-4) | 9 | 7 | 20 | G |
| 1 | Works under Original scope, Change in Law etc. eligble for Roll. | eligble for Rolf, at Normal Rate | Rate | | | | | |
| - | EPC Package | 2,500,00 | | 2500,00) | | 24(1)(b) | Original Scope work under Regulation 24(1)(b) | |
| | Total Additional Capitalisation Claimed | 2,500.00 | -i | 2,500.00 | | | | |

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Digitally signed by PRASHANT
CHATURVEDI
Date: 2024.1 20 22:04:08 IST
Reason: AGM Commercial)
Location: NTPC Ltd

| Name COD For F | e of the Petitioner e of the Generating Station of Station (anticipated) Financial Year | NTPC Limited North Karanpura Su 2028-29 | anpura Super Thermal Power Project (3 x 660 MW) | roject (3 x 66 | (MM) | | | Rs. Lakhs |
|----------------------|---|---|---|-------------------------|------------------------------|------------------------|---------------|--------------------------|
| | | Projected adde | Projected addeap Unit #1,2 & 3 from 01.04,2028 to 31.03,2029 | om 01.04.20 | 28 to | | | |
| SI | Head of Work /Equipment | | ACE Claim | ACE Claimed (Projected) | | Regulations | Justification | Admitted |
| S | | Accrual basis | Un-discharged Liability included in col. 3 | Cash basis | IDC included in col. 3 | under which claimed | | Continuission, if any |
| - | C* | 3 | 4 | 5= (3-4) | 9 | 7 | 8 | ó |
| À. | Works under Original scope, Change in Law etc. eligble for RoE at Normal Rate | elighle for RoE at Normal | Rate | | | 28 1 | S | |
| -1 | | | | 19-0- | | | | |
| | Total Additional Capitalisation Claimed | | | | | | | |



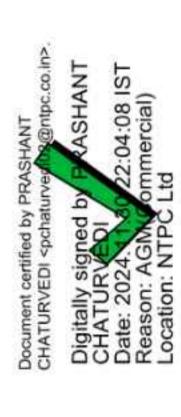
| Same of the Generating Statio | | | | NTPC Lin | Limited | 1 | | | | |
|--------------------------------|-----------|---------|--------------------------------------|-----------|-------------|--------------|------------|----------------------------|------------|---------|
| | | | | North Ka | ranpura S | uper Thermal | mal Power | r Project | 95 | |
| Nate of Commercial Operation | | | | 01-05-202 | 01-05-2025 | | | | | |
| | | | | | | | | Amounti | in Rs Lakh | |
| Financial Year (Starting from | | | Actual | | | | | Admitted | | |
| COD)1 | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 |
| 1 | | £ | 4 | 5 | 9 | 7 | 90 | 6 | 10 | 11 |
| Amount capitalised in Work/ Eq | Equipment | | | | | | | | | |
| inancing Details | | | | | | | | | | |
| .oan-1 | V | | | | | | | | | |
| .oan-2 | y. | | | | | | | | | |
| .oan-3 and so on | .546 | | | | | | | | | |
| Total Loan2 | | 8 | | | | | 3 | | 9 | |
| auity | | 4 | Add cap is proposed to be finance in | proposed | to be tinar | ce in Debi | :Equity ra | Debt:Equity ratio of 70:50 | 2 | |
| nternal Resources | | | | | | | | | | |
| Others (Pl. specify) | | | | | | | | | | |
| Fotal | | | | | | | | | | |

| | n of Depreciation | | | | | | | PART-I FORM-11 |
|--|---|----------------------|---------------|---|--|-------------------------------------|--|---|
| the Perinjoner: NTPC Limited the Generating Station: North Karampura Super Thermal Power Project (3 x 660 MW) | | | | | | | . 6 | (Amount in Rs Lukh) |
| | | Name of the Assess I | COD of Unit-1 | Depreciation Rates as per CERC's Depreciation Rate Schodule | Dependation Amount for each year up to COD of Unit-2 | Gross Block, as on COD of Unat-2 | Depreciation Rates as per CERC's Depreciation Rate Schudule | Depreciation Amount for each year up to COD of Unit-3 |
| Schodule COD of Unit-1 Schodule COD of Unit-2 | Depreciation Rates as per Depreciation Rates as CoD of Unit-2 per CERC's be each year up to COD of Unit-2 Depreciation Rate COD of Unit-2 Schodule Schodule | 2 | 9 | - | 5-Col2 X Col3 | * | + | 5-Col.2 X Col.3 |

| | | | | | | 9.0 | (Amount in Rs Lakh) |
|----------|---|---------------|---|--|------------------------------------|---|---|
| SLNo | Name of the Assess 1 | COD of Unit-1 | Deprestation Rates as per CERC's Depresiation Rate Schodule | Dependation Amount for each year up to COD of Unit-2 | Cross Block as on COD of Unit-2 | Depreciation Rates as per CERC's Depreciation Rate Schoolste | Depreciation Amount for each year up to COD of Unit-3 |
| jaco | 3 | 3 | + | 5-Col.2 X Col.3 | 7 | + | 5-Col.2 X Col.3 |
| - | Freehold Land | 49,306,51 | 0.005% | | 49,521.51 | 9,000 | 0 |
| 2 | Leasebold Land | 1,03,522.70 | 3,34% | 3457,666 | 1,03,380.39 | 3,34% | 3452.9 |
| 10 | Roads, bridges, culverts & helipads | 8271.43 | 3,34% | 27627 | 9,360.86 | 3,34% | 312.65 |
| * | Main Plant Buildings | 16672.49 | 3.34% | 356.86 | 43893.41 | | 1466.04 |
| 5 | Other Buddings | 86 ESODE | 3,34% | 8 £001 | 36,157,88 | 334% | 1207.67 |
| 9 | Temporary grection | 438.86 | 100,000 | 438.86 | 438.86 | 100.00% | 438.86 |
| 3 | Water supply, draininge & sewerage | 9576.30 | 5.28% | 505.63 | 10,181.22 | 528% | 597.57 |
| œ | Earth dam reservoir | 55835.55 | 5.28% | 2948.12 | 82560.16 | | 4359.18 |
| 96 | Plant and marthmery | 605780 59 | 5.28% | 31 985 22 | 10,53,176.12 | 5.28% | \$5607.7 |
| 6 | Eveniture and flatures | 1903/13 | 6.33% | 120.47 | 7,451,37 | 96££9 | 155.17 |
| 10 | Other Office Equipments | 832.80 | 6.33% | 52.72 | 93942 | 633% | 59.47 |
| Ξ | EDP, WP machines & SATCOM equipment | 73331 | 15.00% | DIT. | 1 806.25 | | 120.94 |
| eu Eu | Vehicles including speedboats | 10.02 | 9,31% | 0.95 | | 94266 | 0.93 |
| 41 | Construction equipment | 1237.35 | 5.28% | 65 33 | 1,265,79 | 528% | 66.83 |
| 11 | Elcetrical installations | 7572.97 | 5.38% | 344 85 | 8,552.68 | 5.28% | 451.58 |
| 95 | Communication equipment. | 137.36 | 6.33% | 6.7 | | 6.33% | 23.09 |
| 91 | Hospital equipment. | 172.30 | 5.28% | 6 | 172.30 | 5.28% | 16 |
| 1.1 | Laboratory and workshop equipment | 36.11 | 5.28% | 16.1 | | | 161 |
| 61 | Software | 110.51 | 1.5 00%s | 16.58 | 113,14 | 15,00% | 16.97 |
| | TOTAL | 892484.3 | | 41958.03 | 1403382.2 | | 68288.58 |
| | Weighted Average Rate of Depreciation (%) | | | 4,70 | | | 4.87 |



| | | Stateme | Statement of Depreciation | Hion | | | | |
|-------|--|---------------------|---------------------------|------------------------------------|------------------------------------|--------------|--------------|----------------|
| 0 361 | Same of the Company : | NTPC Limited | | 1000 | | | | |
| 0.340 | Name of the Power Station: | North Karampura | Super | Thermal Power Project | to. | | | |
| | | | | | | | (Amount | nt in Rs Lakh) |
| 8 6 | Particulars | Existing 2023-24 | 2024-25 | 2025-26 (01.04.25- 30.04.25) | 2025-26 (01.05.25- 31.03.26) | 2026-27 | 2027-28 | 2028-29 |
| | | 3 | + | 5 | 9 | 7 | × | 6 |
| 3 | Operaing Capital Cost | 1219940.22 | 12,22,341.55 | 12.24,049.55 | 15.28.751.65 | 16,43,463.65 | 16,99,348.65 | 17,01,848,65 |
| Y | Josing Capital Cost | 1222341.55 | 12,24,049,55 | 12,24,189,55 | 16,43,463,65 | 16,99,348,65 | 17,01,848.65 | 17,01,848,65 |
| 3 | Average Capital Cost | 1221140.88 | 12,23,195.55 | 12,24,119,55 | 15,82,607.63 | 16,71,406,15 | 17,00,598.65 | 17,01,848,65 |
| la C | Cost of IT Equipments & Software included in (1) above | 66.636 | 91939 | 61636 | 910.39 | 919.39 | 66.910 | 91939 |
| 2a C | Cost of IT Equipments & Software included in (2) above ** | 66,616 | 919 39 | 616 36 | 619.39 | 616,39 | 91939 | 919.39 |
| 12 | Average Cost of IT Equipments & Software | 01030 | 61036 | 61636 | 616 30 | 616.30 | 919.39 | 91939 |
| 4 F | Freehold land | 49,506.51 | 49,506.51 | 49,506.51 | 49,506.51 | 49,506,51 | 49,506,51 | 49,506.51 |
| S | Rate of depreciation | 4.87 | 487 | 4.87 | 4.87 | 4.87 | 4.87 | 4.87 |
| 6 E | Depreciable value | 10,54,562,87 | 10.56,412.07 | 10,57,243.67 | 13,79,882.97 | 14,59,801.62 | 14,86,074.87 | 14,87,199,87 |
| | Balance useful life at the beginning of the period | 23.95 | 22.95 | 22.95 | 23.63 | 22.63 | 21.63 | 20.63 |
| 8 8 | Remaining depreciable value | 10,17,348,07 | 7,77,020.84 | 7,18,282,82 | 10,36,022.28 | 11,15,940,93 | 10,66,816,70 | 9,79,122.54 |
| 0 | Depreciation (for the period) | 59,429.72 | 59,569.62 | 4.899.83 | 70,738,23 | 81,397,48 | 82,819,15 | \$2,880.03 |
| 30 E | Depreciation (annualised) | 59,420,72 | 59,569,62 | 59,614.62 | 77,072,99 | 81,397,48 | 82,819,15 | 82,880,03 |
| 11 6 | Cumulative depreciation at the end of the period | 279223.28 | 3,38,960,36 | 3,41,860.69 | 4,14,508,92 | 4,25,258,17 | 5,08,077,32 | 5,95,957,35 |
| 12 P | Less: Cumulative depreciation adjustment on account of un- discharged linbilities deducted as on 01,04,2009 | 0.00 | 3 | , | 2 | .9 | | ă. |
| 13 A | Add: Comulative depreciation adjustment on account of liability Discharge | 0,00 | * | 4 | 35 | 900 | ž | 30 |
| 14 L | Less: Cumulative depreciation adjustment on account of de- capitalisation | 132.03 | 1 | 79 | 4 | 100 | ·0. | -137 |
| 2 e | Net Cumulative depreciation at the end of the period after adjustments | 2,79,391.23 | 3,38,960.86 | 1,43,800,09 | 4,14,398.92 | 4,25,258.10 | 5,508,917,32 | 5,99,997.39 |



(Petitioner)

| 8.70o | Personars | 2024-25 | 2025-28 (1.4.2025 to 20.4.2525) | 2008-26 (1.4.2008 b) 21.3-2828) | 3939-27 | 2017-08 | 3826-2W |
|-------|--|------------------------------|------------------------------------|------------------------------------|-----------------------------|---|------------------------------|
| | 6333 Bark fy (Refrancing of Aus Sark II) | | - 19 | | - | | |
| 1 | Reparement and 29.5.3024 | | | | | | |
| | Locus Dravii opeana | 65/05/22/00S | 65 20,00,000 | 96,00,00,060 | 96,04,92,090 | 45,00,01,000 | 61,30,02 DX |
| - | acamatics represented by Apart Village, 16 | 39.000 | 13.80.00.800 52.80.00.800 | 13.00 (0.000 52.00 (0.000 | 40.58.80000 40.58.80000 | 96 (80 00 dvil) 98 (80 00 dvil) | 31,9000,80 |
| - | Not Linea commiss. Becomes decreases described by 1930 by | \$6,50,00,00 | 39,000,000,000, | 97/0/2000 | SUBURUM | - Branchine | 32,80,00,00 |
| | Income decrease doc to ACT | 54 | 2 | | | | |
| | Tited | 56,50,00,000 | 62,00,00,000 | 92,06,90,060 | 48.84.60,000 | 30,00,00,005 | 32,90,00,00 |
| | Esperance of Consultrates for your | 9,00,00,000 | 257517 | 8,86,80,060 | 8,58,93,680 | 6,00,00,006 | 4,40,08,83 |
| | Ner has stories | 62700,00,000 | 82,000,000 | 49,98,00,000 | 39106.00000 | 12/20/01/00 | 24 30 (0) 30 |
| - | Accepted that have been accepted being | 86,26,00,006 8,0000% | 62,8000,000 8,0000 B | 46,75,00,000 6,0006% | 47,18,00,000 8,0009L | 95,75,06,000 | 28,29,08,80 8,0002 |
| | believed, and home | 4,43,64,308 | 4,96,00,300 | 3,86,80,068 | 534,85,060 | 3,66,04,600 | 1,34/4,35 |
| 1 | Dunk of Barode-R (Repayment wef 11,11.2006) | | | | | | |
| | Loss Duri metrig | 36,00,00,000 | 36,30,00,000 | 36,00,30,000 | 36,06,81,080 | 35,00,04,000 | 36,50,00,00 |
| | Carpenhiles Separated of Steel Alignet of | | 22171717 | | | 3/00/04/000 | 5,90,00,80 |
| | Not Liven counting. | 36/00/00/00 | 28,50,00,500 | W.122.021000 | (年/(4/07/08) | \$3,00,00,000 | 30 30 00 91 |
| - | Recorded destroyed dear to FUELSS According to dear to ACCO | | | | | | |
| | Total | 99,00,01,009 | 56,80,06,800 | 96,00,00,000 | 36,09,00,000 | 13/00/00/000 | 30,30,00 20 |
| | Represent of lines being the total | 5,100,50 | | = 0.00 cm (4.00) | 3:09:00:090 | 3,00,00,000 | 1,20,06,20 |
| | Net that showing | 30,00,00,000 | 24,20,00,000 | D80,08 90,68 | 20,00 (00,000) | 20,00,00,000 | 27,30,00,20 |
| _ | (Albania) late. | 36,00,00,00 | 34.00 | 36,76,30,066 | 34.50,000,000 | 11,50,00,000 | 24.50,00,00 |
| - | Astud Stepe Lon Semuniarium Jane | 1,060% | 3,05005 | 1,90% | 1,18005 | 1,0500% | 0.0537 |
| | brough at less: | 2,86,80,000 | 2,85,00,000 | 2,46,80,000 | 2,17,72,580 | 2,55,57,500 | 2.80,42.69 |
| 1 | Stank Of India: N (Repayment and 7:12:2024) | 100000 | 494535 | | | 100000000000000000000000000000000000000 | |
| - | Const Benefit spenty | 13,27,60,000 | 7,30,60,600 | 13,27,80,000 | 1927,50,000 | 13,27,64,300 | 13,27,68,63 |
| + | Commission represent or dead dilipsevot | 19.20,61,900 | 12.19.87.800 | 12.16.87.000 | 2:21:26:08d 11.08:35:080 | 3.31.67,900 | 8.85,00.00 |
| | Income characte dos la FERS | Legal (place) | 140, 110,000, 100,000 | THE PROPERTY. | to the development products | SCHOOL SEC | 11.000,000,000 |
| _ | Incomes (Burners Act V. ACS) | CLVCIT. | 33 | | 7.7 | 500.00/2 | 10.000 |
| | Long | 4029,80308 | -33,89283,885 | 12,10,07388 | FF 24, 25,760 | 23.27.52 | 13678/38 |
| - | Assessment Constitution the tener | 1.00,62,504 | 10 10 10 10 10 | 1,10,62,500 | 1.11.87.500 | 1,10,62,906 | 1,000,00 |
| - | Six lear choose Andreas we lear | 12.16.87.608 12.72,18.756 | 12,96,67,506 12,95,67,500 | #1.06.25.000 #1.01.50.790 | 5/56/87-560 TO:58/30/760 | 8,96,04,606 8,40,31,250 | 7,74,37.53 |
| _ | Son of Control on Loan on commal backs | 10-12-10-104-1 10-0000A | 8.0000% | 8.5008% | 8.50004L | 87800% | 1,70,68,70 8,0000 |
| • | Inches as two | 1,01,77,600 | 97,36,200 | 52.82,600 | 54,07,500 | Th.22,900 | 46,37,80 |
| | Honk Of Yellow A | 40.46,01.000 | 48,40,00,000 | 46,46,00,000 | 46,44,00,000 | 10 10 70 100 | 41.40/6.50 |
| | Conver Dissect operating at the control of the cont | 44.4E.02.2A | 3,87,18,867 | 1,07.90,087 | 1,14,25,323 | #5.46 (9.30) 11.01.00.300 | 11,40,66,80 |
| | Test Long ANNUM | 46,48,00,000 | 42.90(03,330) | 47,58,00,000 | 30,7185,987 | 14,04,00,000 | 30,47,30,30 |
| | Income dument du tr-FERS | 1900000 | 200100003000 | 1/25/04/02 | 20000000 | - ANNOUNCE - | |
| | legranic destrone durity ACE | | | | | | |
| | Total | 46,48,06,000 | 42,60,00,333 | 42,68,83,000 | 2571,85787 | 34/34/50,000 | 39,37,231,33 |
| | Reproposit of loss there a the test | 3,07,18,867 | 42,983,98,335 | 3,87,30,667 | 3,67,50,667 | 3,87,14,967 | 3,07,16,80 |
| | Nos Seer obserge. Obserger set Seen | 42.66.83.333 82.57.41.667 | 42,90,00,300 | 36,11,86,867 | M 84.40,090 | 30,87,33,233 12,90,64,667 | 27, 10, 18.86 29,03,75.33 |
| | State of redormal and loans on contact basis | 0.00005 | 8.000076 | £.0000% | £30005 | 8.0800/6 | 3.0087 |
| | Section of the Real | 3,56,19,323 | 3,40,70,867 | 3,28,22,000 | 294,34,067 | 2,60,87,328 | 2,22,38.90 |
| | HOTC Sank United-8 (Camaletive represent | | | | | | |
| - | from 94.12.2021) | 4.00,00,000 | 4,90,00,000 | 4,05,50,060 | 4,08,03,080 | 4.05.04.606 | 4,90,00,50 |
| W | Committee gravegor o'dowl silprovia | 1.33.33.330 | 1,77,77,776 | 1,77,77,738 | 222,25202 | 2,66,84,667 | 1,11,11,11 |
| | The Law remains | 2,09,66,907 | 2,22,22,222 | 222222 | 1,77,71,378 | 1.30.30.20 | 85,29,80 |
| - | boomet decrease des 6,11831 | | 10000 | | | | |
| - | SHARK BERGER AND TO AND | 266.607 | N NS NO 500 | V 50 57 50 5 | 1,77,71,779 | 1.30.30.708 | 80,08,80 |
| - | Torsal Stannishers of Noot (Septa the Year) | 2,08,88,867 | 13236220 | 7,22,22,552 44,45,444 | 44,46,444 | F-30-50-725 | 44,44,44 |
| i di | Ner Journal of Note Charge the Steel | 2,20,22,223 | 2 27 27 227 | 1,17,27,378 | 1,33,33,333 | 38.84.96E | 44,44,80 |
| | Annag at her | 2.64.64.444 | 2.22.22.22 | 2.00.00.000 | -1.58,95.088 | 5,51,51,111 | 80.08.80 |
| | Cate of inferiors on lines on remain forces | 1.9900% | 7.96675 | 7.6608% | 7.8500% | Y 560050 | 7.56(87 |
| | Sectionary on Artes | 16,42,201 | 17.66.667 | 15,90,000 | 12,30,667 | 1,61,23 | 636,63 |
| | | | | | | | |

| t No | Particulars | 2824-28 | 2025-28 (1.4.2025 to 20.4.2928) | 2008-26 (1.6.2025 to 21,3-2826) | 2626-27 | 3017-28 | 2079-29 |
|------|--|---|--|---|--|--|--|
| | HDFC Bank Limited V (Drawl 2 and Drawl 8 : | | | | | | |
| * | Financiant and 25,09-29241 | | 1 50 50 50 50 | | | | |
| _ | Come (femal spenical | 1,25,00,00,000 | 1,28,200,00,000 | 1,26,02,83,003 | 11,26,00,00,000 | 1,26,30,00,000 | 1,33,90,00,308 |
| - | Commission agreement of Area's Allanes at | 125.00,00.000 | 13.80.06.500 | 53,68,85,669 | 2/2/2/20 | 11,00 (d) 002 | 27.00.05.25 |
| - | Net Live (Appelies Incomes character des le FERS) | 1220000000 | 1,1031,11,111 | 13131313111 | 97.21.22.222 | 67,070,00 | 89,64,44,466 |
| _ | Incorpant charmons also to ACC | | 10.11.77.77.77 | | | 12001-011 | |
| | Total | 1,35,00,00,000 | 1,11.01,11.151 | 8,91,13,31,119 | GF 37 32 323 | 13.33.33.33 | 89,44,44,45 |
| | Superconnect of Scientification the resur- | 13,00,84,806 | 100000000000000000000000000000000000000 | TO, 68, 80,089 | F0.08.85.089 | 13,00,03,009 | 13,36,68,590 |
| _ | Sign been choosing | 1.35.13,11.177 | 4,71,91,11,961 | 61,22,22,722 | 85.23.35.20.7 | 15.61.1.1.614 | 88,66,78,659 |
| | Avienge we lives | 1,735(06,66,658) | 1.11.01.11.181 | 1,04,16,60,667 | 90,27,71,178 | 75,36,36,56 | 82,90,00,00 |
| | Size of interest on Loan or cremal here; Settend on loan | 1 5600K | 7 HARTH. 8 83 23 333 | 7.88E@% 8.29.T2.060 | 7,17,70,883 | 9.00000L 9.07.29,767 | 7 GM/E/7 4, 90 JH SC |
| | Andrew M. Dell's | 3,35,04,164 | .8.72.10,730 | 55,000, HE,0000 | 111/1/0569 | 700.00.00 | N, POST, 264 |
| | HOFE BASIC LIMITED VI (Drawt I and Drawt I and 4- Scaumoust well 18 #9,2025) | | | | | | |
| 1., | Gentle Gentle | 13/50/06/60 | 132 8000 000 | 137.0136.008 | 1.577(6)20(66) | 1,17,00,00,000 | 1,37,50,36,30 |
| | Caracidete appressió dans gippersi | 141,460,000 | 100,000,000 | 130,200,000 | 15,32,22,222 | \$2,00,44,404 | 41.86.28.80 |
| | Set Land Copy | 127.00.00.000 | 132 80.00 800 | 1.307.05.00.060 | 1.21.77.77.778 | 1.80,55.56.556 | 81.33.38.30 |
| | house depose do within the | 1,000,000,000 | 0.000.000.000 | 10.359,000.00 | | | 12/7/200 |
| | Bootset despiée dur V-1472 | | The second secon | | THE PART AND THE P | | - Control of the Cont |
| | Total | 1,00,00,00,003 | 1,37,90,00,000 | 1/317/05/05/1000 | 5.21,77,71,738 | 1,29,56(3A,508 | 81,35,31.30 |
| - | Represent of loss clering for near | 127.00.00.000 | 1,57,90,00,000 | 16,33,22,333 | 109345559 | 15,20-29,309 91,35,30,309 | 11,20,29,20 31,11,11,11 |
| - | Accompge and least | 137.00,60.00 | 1,37,80,06,800 | 1,29,38,80,000 | 1.14.14.60,067 | BICSH 44,444 | 60.72.53.32 |
| | Rate (Control or from or remail being | 13630% | 7.9280% | 1,330(%) | 73909% | 13630% | 80,72,38382 7,6680 |
| | Innex.m.lan | 40,00,00,003 | 10,86,15,885 | 10,28,84,187 | 5,07,622,60 | 7.86.36.150. | LEAR |
| | HDFC BANK LINETED VILIDrent 3,5 and | | | | | | |
| ٨., | 5 - names and 11.6.2020 | 70000000 | 7/17/07/07/07 | | - 410000000000 | 27070000000 | - Vonovovo |
| - | Consider sustant of dual filtres of | 13000,0000 | 2,31,80,00,000 | 2,90,00,00,000 | 2,70.09.20.090 | 2,50,00,00,50E 35,56,54,55E | 2 NUMBER OF THE PARTY OF THE PA |
| - | Salamana seema Salama et Lore or | 2.30,00,00,000 | 2,36,80,00,000 | 2,30,00,00,000 | 2.30,00.00,000 | \$ 25 to \$4,414 | 1,75,80,86,860 |
| 7 | Increase divisorse doc to 1991% | - Faromenes | - Automotive - | | - International | No. of Contract of | LA SUCCIONARIO |
| | Incompression and the ACM | | | | | | |
| | Lond | 2,300,00,000,000 | 2,30,00,00,000 | 2,30,08,80,000 | 2.50,00,00,00 | 2,56,64,44,444 | 1,73,80,68,800 |
| | Experience of him change for non- | 200000000000000000000000000000000000000 | Advis to the same | 200000000000000000000000000000000000000 | 26.66.66.66 | 25,765,654,656 | 25,36,24,354 |
| - | Not stock diverge | 2,30,00,20,006 | 2,36,80,06,800 | 2.30.02.20.000 | 2,38,44,45,844 | 1,74,00,64,606 | 1,53,23,34,32 |
| - | Automoral and American Common States of | 230.00 M 304 | 2,38,90,06,300 7,900/3s | 2,90,00,50,060 | 2.57.29.22.202 7.800@h | 131.00.03.607 L0007s | 7,8587 |
| _ | Programme and pr | 4179,50,50 | 18,80,90,800 | 68,38,80,888 | 02830267 | 15.26.37.006 | 0.8930 |
| Ξ | MADE OF SALE | - ANTHONY | ANADOM PLAN | - SANAKASA | 3.5000,000 | - Inter-Action | - LOWING MAIN |
| , | HDFC+X (Dnow1 X, 4, 7, 9 and 10 - Propagations) | | | | | | |
| | Closes Thanci spensy | 2,81,00,00,00 | 2,91,90,00,000 | 2,91,00,00,000 | 2.61,09.03.000 | 2,61,00,00,000 | 2,91,00,00,000 |
| | Cargosla-ly-transminator-hand Ellprocus | | 25,75,700,000 | 91,75,80,000 | (6)(64,90,090 | 44.26.00.000 | 47,20,01,02 |
| | hist Jama comme. | 231.00.00.003 | 224,35,00,000 | 3.39,25.30,000 | 2,17,63,20,090 | 1,85,75,00,900 | 124,00,00,00 |
| - | Bacydon Battleto But in 1980 | | | | | | |
| - | Nacional Assessment Aug Nr. (ACS). | 2.81.00.00.000 | 2,30,35,00,007 | 2,39,25,00,000 | 2,47,58,00,090 | 1.85,75.00.000 | 174,00,00,00 |
| _ | Appropriate Completion for near | 21,75,00,000 | | 21.75.53,000 | 21,75:30,060 | 21,75,04,000 | 25,75,08,93 |
| | Sigt lead physigs | 2.39.25.20.000 | 2.38.25.00,000 | 2,57,60,00,000 | 9.98.78.900380 | 1,74,00,50,000 | 1,62,26,00,000 |
| | Assembly and Jests | 2.80,12.80,000 | 238,25,00,000 | 2,25,37,93,000 | 2,08,82,60,080 | 1,54,87,80,900 | 3.63.52.56.9X |
| _ | Kite of interest accision on somethings | T.9800% | 7,9807% | 7,660875 | 7.8607% | T/960079. | 7.98001 |
| | Microsof, yor Irany | 99.28,48,373 | 18,82,05,286 | 18,15,56,125 | 16.42.95,073 | 16,0979,626 | 12,96,64371 |
| 44 | HDFC-X (Drawl E, 5 and 4 - Repayment woll 24.11.2016) | | | | | | |
| ж. | are Declared | 279.00.00.00 | 2.78.90,00,000 | 2,79,00,00,000 | 2,79,00,00,000 | 1,79,00,00,000 | 2,71,00,00,00 |
| | Catacologic appropriated of dated all trees as | | Ann full of the first | AV-NOVE-SON N | 25.25.30,000 | 48,50 bt 500 | 86,75,00,800 |
| | Set Look ordenia | 179,00,00,000 | 2,78,90,00,500 | 2,79,06,80,060 | 2.56,73,907,00 | 7,32,50,06,000 | 2,09,25,08,920 |
| 10 | Income depose du n. PERIV | | | | | | |
| 3 | Increase discresses that in: NCS | 53.00 | 4.4 | 220000 | 4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | X 45 45 55 55 | 41/20-01/20 |
| | Total | 2.29(0),00,000 | 2.78.30(30,500) | 2,79,00,00,000 | 2.59(78.00000) | 2.32.80.00.006 | 2.09.26008.900 |
| | September of these charge the term | 3.79(00,00,000,000 | 2,7% 80,00,800 | 29,28,90,000 | 3.0 50.0000 | 23,26,66,000 2,88,26,00,000 | 23,25,08,900 1,84,90,00,000 |
| - | Scottage set from | 1200,000 | 2,78,90,00,800 | 3.67.30.80.000 | 2,94,12,80,090 | 12022 | 1,67,60,68,60 |
| | Rade of calcings can have on contrast forms | T.9900NL | 7.300076 | 7,860854 | 7,430,65 | 1,590,761 | 181.8674.25 |
| | Accept, or, your | 25 to 35,500 | 22 (6.05.000 | 21,23,83,135 | 15.44.75.005 | 17.55,36.32 | 45.71.11.57 |

| t.No. | Particulars | 2824-28 | 2025-26 (1.4.2025 to 20.4.2926) | 2008-26 (1.0.2025 to 21,0-28264 | 3829-27 | 3027-28 | 2029-28 |
|--------|---|--|--|--|--|-----------------------------|--------------|
| 11 | HDFC XI/Draw13 Repayment and M.11,3037) | | | | | | |
| | term (from spanica) | 2,62,00,000 | 2,42,00,000 | 9,42,80,060 | 2,42,00,000 | 2,02,00,000 | 2,42,00,00 |
| | Catanakina apprantisi al'abasi kilipes tr | - V/CSC N. 13 | 50 - CONT. | 242 00 000 | | | 20,18,66 |
| | Pint Lawn (Approximate | 2.40,00,000 | 2.42.00.000 | 2.42.00.000 | 234100000 | 2.40,00,000 | 121/01/23 |
| - | POST A A STANLAR CONTRACTOR | | | | | | |
| - | horizoni Alturisini, dise to AGS | 242,00,000 | 2.42.00,000 | 2.42 93.000 | 2.42.40,000 | 2,42,00,000 | 2,21,63.3 |
| | Purpose and Sone Cherton the Natur | Action | 8,700,000,000 | ACT AND A STATE OF THE | -Art Bull-Andre | 20.10.007 | -20,16,60 |
| | Stat Asset of Science | 2.42,00,000 | 2,42,00,000 | 2.42.50,060 | 2,42,50,086 | 221.61.50 | 2,31,68.80 |
| | Average wit twen | 7,42,00,000 | 2,42,00,000 | 2.42.00,000 | 2,42,30,000 | 2,31,81,967 | 2.51,78.00 |
| | Size of interest on last or cremat here: | TREET | 7.84.97% | 7.8406% | 7.まません | TRACTIC | 7.94% |
| | Account on hour | 16,97,266 | 98.97,290 | 18.87,260 | 18,97,980 | 16,14,227 | 76,65,3 |
| | HDFC-XII (Drawl 1 - 13.10.2025 - Majasymant ent 13.10.2827) | -50-00-00-00-00-00-00-00-00-00-00-00-00- | | | | | TRANSPORT |
| and to | Street Rand specifical | \$100,00,000 | 56,36,06,265 | 90,08,00,000 | 50,00,007,000 | \$0,000,000,000 | 80,00700.00 |
| | Caracites injuries of dual (Figure) | | | Total Control | | A CHARLES OF STREET | 4,00,00,00 |
| | Skit Loon ceremina. | 53,00,00,000 | 58,80,00,800 | 50,06,30,069 | 50,06,00,090 | \$0,00,00,00p | 45,50,03.3 |
| - | Increase districted flow in TERTIFY Increase districted duty in TERTIFY | | | | | | |
| | Tenal | W1(0),51,513 | 58.30195.500 | W1.05 01.060 | 80006.000000 | W1/20.00.000 | 45.00.00.0 |
| | Keywignees of Disse Like page His trees | | | - | | 6,16,66,962 | 4,10,64,8 |
| | Nat Janua Alminga | \$0,70,00,000 | 58,80,00,000 | 50,06,80,060 | 50(06)(20)(08) | 453930.30 | 41,96,66,86 |
| | Cranigo set lines | 80.06,60,500 | 58,80,98,800 | 50.06,30,060 | 50,00,90,000 | -47,91,66,90° | 41,75,02,5 |
| _ | Auto, of controller controller controller benefit | Tigge | 7.690% | 7.8095 | 7,600% | 179005 | 7.600 |
| | beautit, mi book | 320,00,300 | 3,85,00,200 | 3.86,80,064 | 5.81.00.090 | 3,64,14,867 | 775378 |
| | HDFC-88 (Drawl 2 - 1.11.5002 - Repayment and | | - 3 | - | | | |
| - | 13.16.2007) | 1000000 | 22 10 14 10 1 | | | 10.00.00.00.0 | WE SEE AN A |
| - | Orose Drand opening | WUTE, D1, D1 | 68 3000 JOS | 90,05,00,000 | 96,08,00,000 | #8U30U0U3DE | 5,40,00 p |
| - | Surproductive registration of chart dill previous | 60,00,00,000 | 66 3076 500 | 96.00,85,000 | 66,06,60,060 | \$6,70,06,906 | 80.50,00,0 |
| - | Norman diseases due to 1930/1 | Bet-Market State | CO. (0.1) | MACAGINE STORY | | BULLINGSE | 64.31.014.31 |
| | Bulleto Bornesi Aw B. NCC | | 100000000000000000000000000000000000000 | | | | |
| | I 69d | 86,00,00,000 | 66,85,00,000 | 95,00,01,010 | 95,04,90,080 | 65,00 DL300 | 60,50,00,0 |
| | Represent of Lore (Setting No. 1941) | - torroutis- | - Contribution | A | | 5,50,00,000 | 5,50,00,0 |
| - | Nat July (Koray) | 887,00,000,000 | 66 30/00 300 | 86.02.00.000 | 86,04,00,080 | 80,55-30,500 | 25,30,01,3 |
| - | Autropy set bett: Rate of reference on lines on preside builty | 900,00,00,00 | 4.0000/F | 7,600091 | 86,00,00,000 7,8000% | E0.25.00,000 | 87,76,00 S |
| | Secretary are least | 5.01,85,006 | N.R1,80,000 | 8.071.00.000 | 6,21,83,786 | 4,80,73,000 | 4,30,60,0 |
| | HEFE-XX (Cross) 5 - 5.12.2023 - Repayment well | | | | | | |
| - | 13.18.2027) | 47.06.00.000 | 47.80.00.000 | 47.00.35.000 | 47'08 85'086" | 200000000 | 47.5078.50 |
| - | Control (Reset) appearing. | 47,00,00,000 | 10,000,000 | 37,283,00000 | 71,000,000,000 | 47,00,00,000 | 1,3178,9 |
| | Sign Local capacitage | 47 /90,00,309 | 47 8006,800 | 47,08,83,060 | 47.06.00.000 | 47/35/05.000 | 43.00.35 3 |
| | Increase disputes flow to PURTY. | | | | | - Constitution | |
| | homes dispose for it ACE | | | | | | |
| | Timel | 47,00,00,008 | 47 WATER STAD | 41,16,83,060 | 97,04,90,000 | 47,00,00,000 | 43,38,38,3 |
| - | Represent of loss i keing the time | 10000000 | - Warner from | - In which the | 2000 | 3,61 38,807 | 1,91,64,6 |
| - | Not beautioning | 47,00,00,008 | 47 80,00 (00) | 67,02,00,060 | 47,04,00,000 47,04,00,000 | 43.08.24.23 45.08.24.307 | 23,50,68,8 |
| - | Chicken set him: Sold of Ottopol on lone on control here: | 47,00,00,000 T88X5 | 47,80,00,800 7,80975 | 47.00.00.000 | 7,800% | 726876 | 400293 |
| = | brance on loss | 3,57,35,300 | 11/230 | 3,57,80,080 | 5,57,85,080 | 151167 | 1,0,985 |
| | HDFC 28 (Drawt 6 : 1.1.2826 - Repayment wiff 13.18.3027) | | TOURS OF A | | | Title of the | Som |
| | Count liber of executing | 1,47,05,00,000 | 1,47,93,00,930 | 1,47,00,00,000 | 1,01,06,00,000 | 1,47,00,00,000 | 1,47,30,09,0 |
| | Carpendative represents of chard efficiency: | 1777 | T VOTE THE PARTY OF THE PARTY O | | The state of the s | - Mary reprint | 12,26,08,8 |
| - | Nat June receive | 147.00.00.000 | 1,47,30,00,300 | 1,47,05,00,060 | - 1147 DE 301080 | 1,47,00,00,000 | 1,4676083 |
| - | Norman diament due to 19215 | | | | | | |
| | Become discourse due to AUSI | 1,47,00,00,000 | 1,47,90,00,500 | 1,47,05,55,055 | E-47,08,00,080 | 1,47,00,00,000 | 1.34,76,00.0 |
| | Epperatured Kon claring the time | 101.00040.000 | - Little Books and Co. | | | 12.25.00.000 | 17.75.00 B |
| | Net Inner of strong | 1,47,00,00,000 | 1,47,50,00,800 | 1,47,08,50,088 | 5,47,06,50,080 | 1.34 75.00.000 | |
| | Average set lives | 7,47,06,00,006 | 1,47,00,00,000 | 1,47,02.50,000 7,600m, | 5:47,00,00,000 | 1,40,87,50,000 | 123.67,60.0 |
| | Alien of carboyred con Louis one concord. However | T HBCCPL | 7 (0.007%) | 7.63690 | 2.4000% 51.17.20,080 | 7,9800% | 7,6800 |
| _ | Mineral and Areas | 11:17.20.008 | 11,17,29,000 | 21.12.00 000 1 | ##:12:30:000 E | 10,70-66,000 | - A77,64.80 |

| R No. | Particulars | 2824-28 | 2025-28 (1.4.2025 to 20.4.2926) | 2005-26 (1.1.2025 to 21,3.2926(| 113-27 | 3017-28 | 2029-29 |
|-------|--|--|--|------------------------------------|---|--|---|
| | HOFO EX (Dusul 6 - 1.3.2026 - Repayment and | | | | | | |
| | Come (from Legendra) | 7,90,00,00,000 | 1,19,80,00,800 | 1,10,06,80,060 | 1.10,01.00,000 | 1,10,00,000,000 | 1,10,00,00,000 3,10,00,000 |
| | Set from Agentia. | 1,12,00,00,000 | 1,18,80,00,800 | 1,10,02,50,060 | 1,10,06,30,090 | 1,15,00,00,000 | 120,10,50,30 |
| | Sectional character Ace to ESSEV. Sectional character data to AGS | 7.0000000 | 170 0000 000 | | F 16.20 W 16.20 | 7.10740.00.00 | 700 00 00 00 |
| | Population of the Orthorn Switch | 1,40,00,60,000 | 1,18,8000,800 | 1,10,03,83,000 | 5.80,06,00,080 | 1,192,000,002,000 | 1,00,33,39,33 |
| | Net been discret. Average wit feet | 1,93,05,55,508 1,93,05,56,008 | 1,18,80,06,805 1,18,83,06,800 | 1,10,05,50,060 1,10,05,60,060 | 1,10,24,40,080 1,10,24,40,080 | 1,80,90,31,338 | 81,46,68,85 86,25,09,80 |
| | State of internal continues commod here's Section 8: 10001 | F #500H, 500-00-00 | 7 (0007%) 8 (80,000,000) | 7.8308% 8.28.80.000 | 7 8000% 8,54.00(00) | 9 (0.01) 19 (0.07) | 7,31,64,93 |
| | | 77,138,0,100 | | | | | |
| | HOFC-XX (One-4.7 - 15.3.2024 - Repayesent well 13.15.2007) | | | 7 | | | |
| | Flow Draw award Canadata apagama si shini dilipseca | 9.48.00.80.808 | 1,46,80,06,200 | E 46,0E 01,060 | E-80,00 (C) (D) (E | 1,45,76,00,00 | 5.46,00700.00 62,53,38,88 |
| | Sid Loor opening. Soome dienoses doc to TREEN | 1,45,00,00,000 | 1,48,80,06,800 | 1,46,02,30,069 | 5,460,06,00,000 | 1,45,00,00,000 | 1,35,95,68,80 |
| | Total | 1,6875,51.50 | 1,48 93.00 530 | 1,49,76,91,165 | 5.090,06.003,080 | 1,48/3036.506 | 1.55 (0.58.80 |
| | Keywayana and know change the sount. Next have advertige. | 1,48,70,00,000 | 1.49.30.00.000 | 1.46.00.50.000 | 1.46(00.00000) | 12,36,33,330 1,35,66,64,66 ³ | 120,0030,33 |
| _ | Concept set loss: Loss of colocust on loss on object basis | 14978.00.00 | 1.48.80/00.000 7.00076 | 5,46,05,80,060 7,600% | F-46 (41.50 (93) | 141,0030,20 | 124.5078.59 |
| | January Company of Company States | 11,24,80,000 | 11,25,80,200 | 11,24,80,000 | H34,8000 | 43,77,64,358 | 1,91,21,20 |
| 13 | SCICL : VII (Hoperprent and 20.12.2024) | | -5 | | | | |
| | Cover-Disord opening Elanomalative september of chart dill provint | 43/00/00/00 | 18,90,00,900 81,30,333 | 10,00,00,00 | 1,68,90,00,000 1,68,90,687 | 90,00,00,000 -2,90,00,000 | 11,50,00.93 |
| | Part Long Lawrence, Increase America, Aug & 1985 | 45,00,00,000 | K 900E 807 | 0.16.80,067 | 231 25 511 | 7,5534,962 | 1,00,00 |
| | Button Action Act 8, 663 | 90.00.00.00 | 1. W. G. JOT | 0.16.80.067 | 6.50.35.583 | 7,50,000 | 18,618 |
| | Represent of lease (better the text) | 60,33,339 | | 63,33,333 | 82,35,303 | 83,34,538 | 83,33,33 |
| | Nat Just Horige Autrage set Justs | 9.16,66,867 | 8,90,00,857 8,70,00,867 | 6,32,33,333 6,75,30,000 | 7.58.00000 7.54.86.687 | 5,00,04,90° 1,08,31,338 | 5.40,00 30 6.29,00 50 |
| | State of takenon can lisas on coming haves Secretar on lisas | \$10000% (N.M.M.) | 73,35,335 | 8.900% 15.01,000 | 63,33,303 | 87800E | 8.0000 M0.00.00 |
| | CSCI - VII (Drawl 06 ce 30.3 2025 - Repayment | | | | | | |
| | enf 30,12,2024) | 76.85.05.85.00 | 77077077007 | V MC TOT SC AGE | - VALUE IN THE | TWO STORY | *************************************** |
| | Congression Appendix of April (Signer III | 1,55,06,04,008 | 2 50 80 00 000 21,25,00 300 | 21,25,00,000 | 2,50,00,00,000 47,54,00,000 | 13,75,00,000 | 85,00,00,00 |
| | Not Lives continue. Becomes discourse day in PERCE | 2.56/30,00,000 | 233,76,00,000 | 2.85.78.00,000 | 2,1258,00,000 | 1,81,25,04,908 | 135,00,00,00 |
| | Accorded dismosaic due in ACM. | 2.85(30,00,00,006 | 2,597,76(0),830 | 2,83,78,83,080 | 2,1254,00,000 | 1,81,25,01,005 | 1,71,70,00.50 |
| | Represented of love i larger that have Dist, less skirtner. | 21,26,00,008 2,33,75,20,008 | 23875/0.00 | 21,26,80,060 2,12,62,80,060 | 21,96,00,060 | \$1,76,00,00,000 1,76,00,00,000 | 31,26,04,00 |
| _ | Assessment has a superior content of the content of | 2.44,37.51,008 | 2,1075,00,000 | 3(35),12,85,060 8,00085- | 2.01,67.50,080 £,200,014 | 1,00,02,51,908 | 1,55,37,53,30 |
| = | learner as lows | 49.55,00,000 | 18,70,00,300 | 17.24.80,000 | 95,15,00,000 | 14,45,00,000 | 0.8000 |
| 14 | | 82,00,00,000 | 22 27 20 20 20 C | 92.00.00,000 | 52/00/00/00 | £2,00,00,000 | - 22 5000 50 |
| | Cook Draw spential Control of Cook of State of Cook of | J. (1.4.1) | 52,00,00,000 | | | 43531.20 | \$2,50,00,00 X 86,00 85 |
| | Vot Learn covering Incoming decision due to FESSV | N2(00,00,000) | 62,80,00,800 | AE,00.81,000 | 5200,90000 | 47/86/88,867 | 43,33,39,33 |
| | Secretario deveninos dos SE ACIO. | 82/07/07/07 | 12.80% (80) | 1276 91 665 | 85,00,00,000 | 47,96,967 | 41303032 |
| | Propriorect of Alona declara the trees. Not been always. | 900,00,000 | 52,80,00,300 | \$2,05,50,000 | 47.08.00.087 | 42,00,33,333 | 4,20,30,20 30,30,00,20 |
| | Average not little Rippy of Epitypois on homeon control body | 82.00.00.006 8.0500% | 43 50.06,600 4.0580% | 57,00 83,000 6,0000% | 49.83 35.335 6.8508% | 45.50.00.000 5.0500% | 4 C HC/EE BC |
| | http://www.hours | 4.16,80,008 | 4,95,00,500 | 4,18,85,000 | 1,51,55,833 | 3,66,27,500 | 3.51.38.46 |
| | FNR III overelative represent from 01.03.2025 | | | | | | |
| | Cacar, Chariff asserting | 1,007(0,00,004) | 1,64,30,00,800 | 1,00,00,00,000 | 9,000,00,000 50,00,50,000 | 1,000,00,005 | 1条外得到 |
| | No. Long condition | 60/8.66.60 | 11000 | 1000 | 44444 | 12,35,33,230 | 11.50.70.30 |
| | Increase decrease due to FERV Increase decrease due to ACE | | | | and the same | | 22222 |
| | Total Appropriate of keep thering the year | 31,11,13,111 | 59,85,00,305 | 90,00 50,000 91,11,71,133 | 94,44,46,444 91,11,11,111 | 90,50,30,338 10,81,13,111 | 32.22.22.22 11.21.11.11 |
| | Nei Searchning Oversersel Size: | 85.00,65.00d 85.01,33,011 | 59, 59, 50, 500 59, 50, 50, 500 7,00,076 | 94,44,44,444 90,00,93,000 | 35,52,35,303 30,58,89,688 | 27,17,21,778 | 13,11,13,31 13,60,66,80 |
| | National contract of least on contract bases | 1.56(2%) 6.66(27,773) | 4,36,66,860 | 7.60000 3.66.80,000 | 7 BOOFS 3(07,22,22) | 7.6800% 2.10,44,644 | 1,21,66,86 |
| | | | | | | T-MI, 6, 44 | |
| 96 | PHIR-In (Repayment starts from 16.50 3921) | 1,39,00,00,000 | 1,09,30,00,300 | 1,09,76 90,060 | 1,09,09,30,090 | 1,29,00,05,000 | 1,09,00,06,000 |
| | Caromalarise reportment of Basick Williams or Flet Local continue. | 24,39,32,233 84,73,77,778 | 38,33,30,335 72,85,66,857 | 96.38.33.333 F2.68.89.667 | 98,24,48,844 60,54-60,664 | \$5,66,64,644 45,66,44,644 | 72.66.68.85 36.33.33.83 |
| | homotic devenue dur in 1991/9 homest devenue dur in 14.00 | | | | | | |
| _ | Texas | \$6,17,22,278. \$2,51,15,513. | 73,86,66,667 | 75,66,66,667 52,11,71,111 | 60,14,86,566 52,11,91,315 | 49.84.44.044 12.11.13.511 | 94.21/0.22 12.11.11.31 |
| | Represent of home desired for town. Sed. Semi-allocates. | 72.0KUK.W/ | 72,80,78,607 | 0.75 85 04 60.61 11:111 | 10 A 1 H A 4 1 54 30 0 00 | # 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 12.77 |
| | Accessed and Application of States and Application of States and Application of States and Application and App | 76.72,22,222 T 0900A, 6,21,90,006 | 7-9090% 8.74,06.86T | 7,5006A 5,26,22,778 | 7,80085 4,38,91,090 | 7.0800% 3.34.67.222 | 7.9007 2.30.18.44 |
| | PNR-Y (Eyest 2 and 4 - Repayment starts from | | [* | | | | - |
| | 27.63.2024) | 1,92,00,00,000 | CHEMODE 200 | 110.00.50.000 | 6,10,04,00,000 | 1,40,00,00,000 | 1,11,00,00,00 |
| - | L. attandance inproved of dearl all part to Not land coming | 3.16.36.807 1.80.83.33.350 | 18, \$3, 30, 2301 D1, 85,73, 857 | 16.33.33.233 91.66.85.667 | 572 (3000) 572 (3000) | 20,00,00,007 75,50,51,555 | 45 15 19 30 64 10 06 80 |
| | Inches decrees duch HISTS | Lancido de la constantidad de la | #AMAGAGA. | ALAN SAGE | are and the state of the state | | -10,30,000 |
| TO | Increase day topics due to ACC Total | 1,90,80,30,300 | 571,890,000,607 | 91.98.86.967 | 8236.00000 | Document-parties of | PRASHANG, NUMBER |
| | September of London States for town | 9.16,64,667 91,66,64,667 | 51.65年87 | 9,18,89,987 82,63,83,680 | 8,14 m5,687 75,24,30,001 | CHATUR E Director | 54,20,02,02 |
| 10-14 | Science and John St. Science and John St. Science St. Science and | PL25 (0.20) | 51,86,56,867 7,3060% | #7.58.20.005 7.80005 | 77.91.86.087 7.88.9% | Digitally signed CHATURUS OF | by FAASHANT |
| | The State of the S | 7.60,37.506 | 7.24,16.657 | 6.87 95.633 | 6,11,54,167 | Control of the Contro | 4.70.79.83 |

Reason: AGM, ommercial) Location: NTPC Ltd

| t No. Particulars | 2924-29 | 2025-28 (1.4.2025 to 20.4.2926) | 2008-26 (1.8.2025 to 21,3-2826) | 28.27 | 3027-28 | 2029-28 |
|--|---|--|---|--|---|---|
| State Book of IreSo - Vill (Drawle 4, 7, 8,11,15, | | - A Managaritie 1 | | | | |
| 18 21.01.2022) | WHITE STATE OF | 100000000000000000000000000000000000000 | | - Control Control | | (60.5 x 10.0 m) |
| Contraction operated of Joseph Million 11 | 2 A4,00,00,000 81,25,35,353 | 2,44,00,00,000 | 2,94,00,00,000 | 2,44,08,30,080 6,32,24,55,584 | 7,44,00,08,000 1,82,62,84,623 | 2,44,00,00,000 1,84,77,77,276 |
| Not Jacq consists. | 1,02,00,00,007 | C35,80,50,586 | C8C28,85,088 | 100,44,44,444 | 16,30,30,331 | 50,00,00,00 |
| Secretario dicessivo dice in ACS. | 1.82.00.00.007 | 1.38,85.98,886 | 1/35,58,65,658 | 1.084434444 | 11.35.51.333 | - 54.23.22.232 |
| Representa of least dental the near | 25,11,11,011. | | 27,13,37,133 5,78,44,46,444 | 27,11,01,101 | 27.11.13.111 | 27,24,13,351 |
| Net two doese. Assume set ten | 1.35,00 AS 508 1.69,11,15,011 | 1,28,95,06,866 1,26,95,06,866 | 1,22,00,00,000 | 31.31.31.31.31.1 94.58,65,669 | \$5,77,77,775 \$5,77,77,775 | 27,11,11,111 41,9528,857 |
| State of interior in law in comist here's believed see back | 8.7600AL 12.20,71.51.1 | 3,2007% 13,11,66,856 | 10.00 60,000 | 7,74,80,660 | 839076 5/6/77,776 | 3,20,44,907 |
| Santa Bank of hults - IN (Drawin 7 and 18 - | | | | | | |
| 19 successive represent from \$1,02,202 () Constitution represent | 1,500,00,00,000 | 1.50.00.00.000 | 1.50.05.50.063 | 1,50,00,00,000 | 1,50,05,04,300 | 1,50,30,08,500 |
| Violated September of April (Converse Violated September 1) | \$3,60,60,503 3,00,00,00,006 | RS 33,35,335 PR 95,08,607 | 65.33.33.333 65.66.85.667 | 5.00,06.90,766 90,08.90,080 | 13.38.33.33 33.38.33.33 | 1,35,35,33,335 14,06,88,867 |
| Decorate develope Acr in FERTY Decorate develope Acr in ACR | | | | | | |
| Front Represented bloom planning free tours | 1,81,06,30,308 33,55,35,551 | \$10.000,000 DGT | 10,74,40,187 10,74,40,787 | 60,08,30,080 10,64,80,647 | 11.30.33.133 | 14,00,00,00) 14,00,00,00) |
| NOT have advantage | \$6.0E,66.5G7 | 68.86 (R. RET | 80,06 30,060 | 25,33,25,31) | 10.00,00,907 | |
| Andrews, and Jensey. But a College Co | 83,30,33,333 6,2800% | 64 86 GL MT 5 2 1975 | \$6,33,35,363 1,23,65 | 41,68,85,087 1,2005s | H.00,00.00 | 1,33,333 |
| Meanux sections | 680 20 300 | ±.45,68,861 | 4.78.33.333 | 3,41,95,687 | 2.05.00.006 | 46,39,333 |
| State Sent of India - X (Drawls 01 and 07 - 20 Engayment communicus from 1,10,2024) | | | | | | |
| Committees appeared of head following | 2,82,00,04,000 | 2.82 80.00 800 21.22.22.22 | 3.60,06.81,060 31,32,32,313 | 3.82.56.80.083 62.66.86.687 | 2.8270.04.00 94.00.06.00 | 2.42 (0.0% (rg) 1,25,11,38,333 |
| That Land committee to 1928 to | 3,62,00,00,001 | 258 86.66.80 | 2,5076,60,667 | 3493130303 | 4.AIU30.0IU300 | 1,54,96,64,807 |
| Receive Authors Ave to ACS | 1820036306 | 2.58 55 08.607 | 250.68.60.667 | 2 (9.51 35.53) | Y \$8.00 DK.500 | 1,58,96,66,867 |
| Represent of Conclumn for tour Not been ploying | 31,33,33,733 2,53,66,66,667 | 2,90,85,68,881 | 21.32.33.333 Z.10.32.33.333 | 31.33.33.333 5.88.06.00.000 | 31,35,34,338 1,85,96,96,907 | \$1,30,38,333 1,25,35,38,333 |
| Copyage fact heats | 2.893.00,23,003 | 2.807.807.08.801 | 2,39,00,80,000 | 2/33/88/85/8ET | 1,72,38,30,30 | 9,41,00,00,000 |
| Name of concerns on from our control basis. Interest on four | 1,780,60,300 21,86,80,300 | 3.2000% 25,96,66,867 | 6.20x85 19,37.80,060 | 9:3000% 19(,11,0);667 | 9,390% 31,13,13,300 | 11,36,36,800 |
| BOOK OF STORY OF STREET | | | | | | |
| State Book of India - XI (Drawis 2 , 4,5 and 6 - 21 Sepayment state from \$1.16.2022) | 23170.00.00 | 2.54.90.06.980 | 2.91.78.93.660 | 2.57.56.357367 | F3V36080806 | \$34,905#300 |
| Carrier Distance appearing Carrier Distance and Carrier Self-Control of | \$1,30,33,358 | 77/80,06,500 | PT_DB_93.000 | 1,007,64,85,667 | 1,25,35,54,338 | 1,54,00,08,930 |
| Not Long community Incomes distributed for the PURITY | 129.66.84.667 | 1,64,80,00,300 | 5,54,00,50,065 | E2834.33393 | 1.12/65.84.967 | 27,50,08,500 |
| Increase decrease that is AAS | 170/6-84 662 | 1.54 80.00 200 | 1.54,76.83,000 | 12013030 | 1,02,001,003,003 | 77,300,00,300 |
| Reprintment of live charges the cour | 25,66,84,867 | 1/20/2000 | 25,64,80,067 | 26,64,80,647 | 25,66,84,967 | 25,96,66,867 |
| Dist heat aborings. Acceptant but heat | 1,64,00,00,000 | 154 80 (6 80) | 1,91,10,00,007 1,91,10,00,007 1,20,05 | 100,000 | 77.00.00.000 80.00.30,30.00 | 61, 21, 22, 23, 23, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24 |
| Auto of Compact on Jenson an Jenson Jenson Annual of American | 13.08.13.333 | 12.62.00.00 | 11,57,56,687 | 5A7.6080 | 7,860,00 | 5.2007s 5.26,16,807 |
| State Sonk of India - XII (Drow's 2, 3 and 6 - | | | | | | |
| 22 Repayment commerces from \$1.3.2020) | 12 80,00,00 000 | 10.00.00.00.00.00 | 12.90,00,00,000 | 12,90,04,90,040 | 12,40,00,00,00 | 12 90,0000 500 |
| Contraction appropriate of dead all part of | 12.80,00,00,00 | 52,00,00,00,000 | 17.90.00.00.000 | 6.40.33.35.353 15.40.84.80.987 | 136 66 64 60 | 4 30 30 00 000 0 00 00 00 00 |
| Michael Michael Asch, 1985 | IRJEGGGGGGG | .XCQSUBGGGGC | JASPANASIANOK. | JSSIGNARIA. | - Unit hand Sanot | |
| Total | 12,80,00,00,00,000 | 12,06,80,00,000 | 12,90,00,20,000 | 15-46-06-95/067 | 18,83,35,38,338 | 6,80,80,08,800 |
| Represented loss Arrita the tene | 12.83.00.00.000 | 12.50.00000.000 | 11.40.08.80.007 | \$1,05,33,35,533 \$1,05,33,35,533 | 1,43,33,33,338 8,80,00,00,000 | 1,41,33,39,333 7,36,86,68,867 |
| Annyage set lean Side of Delegans and Indian at control bases | 17 81 05 30 300 8:200% | 12 54 9118 505 8 2002a | 12.58.32.23.232 6.29000. | 19,1%,04,00,00000 6,0000% | \$ 31,00,84 and 6,25000. | 7.88, T1.38,333 9.20024 |
| Secure at Secure and Secure and Secure and Secure | 1,00,00,00,00,00,00,00,00,00,00,00,00,00 | 1,05,78,00,000 | BOS 23.003 | SEL18,307,00 | 78,30,94,967 | 64,54,53,800 |
| 588J 8 (Onesel 2 cumulating regargement from | | | | | | |
| 23 14.03.2028) Dross Drawl opening | \$3,00,00,000 | 58,80,00,800 | 90,06,80,000 | 50,00,00,000 | 80,00,00,000 | 56,80,08,800 |
| Commissioning regularization of charact Millians or 1904 Loan resembly | 25.00,00,000 29.00,00,000 | 39,30,06,300 29,30,06,300 | 20,00,00,000 | 25,06,80,060 15,06,80,080 | 40,00-94,000 80,00,06,000 | 45,60,08,800 5,90,08,800 |
| Increase decrease it at to FERN' | | | | | | |
| Tour | 25/6/45/28 | 25.80/16.803 | 20,08,20,080 | 15.06.80760 | 10/06/06 008 | \$,50,08,500 |
| Registrant of load during the year. Notices closing | \$16.00.00 \$1.00.00.00 | 20,00,00,00 | 5,08,30,089 | 5,06,00,000 60,00,00,000 | \$700,00 SEE | \$30,08,300 |
| Average had been Rate of taking of the foreign page of hade | 22,50,60,006 6,2000A | 28,90,00,600 8,2060% | 17,50 80,080 6,30065 | 12,54,00,080 E,200,0% | 7.50.00.000 0.20074 | 2,50,76,910 8,30976 |
| Interwel on learn | 1.04.50.000 | 1,84,06,000 | 1,43,50,000 | 1.08.50,080 | 300,00,00 | 20,58 300 |
| UCD Back IV Drawl 2 - Repayment from | | | | | | |
| Section of the second of sect all two is | 20,00,00,000 | 38,800,830 | PU,SS,201,060 | N150,00,000 | 70,28 pa den 5,96 pa 222 | 70,30,00,000 11,72,16,807 |
| Not Long Commiss. | 20,300,000 | SLEAKED | 75,33,85,060 | 76,54,00,080 | E-86,25,807 | 58,50,03,323 |
| Burniere decinion, des te HTG/S Bodone decinion, des te ACS | | | 1,777 | | | |
| | 70.30.00,006 | 75,35,00,000 | 70,33,85,060 | 70:33:40:090 5:84:45:333 | 86,46,01,657 5,66,08,103 | 58,60,89,355 4,86,08,335 |
| Total Representation of kear charge the year. | | 78 85 06 300 | f0.53.80,080 | 64,44,91,067 87,29,85,833 | 55,60,63,335 61,63,87,600 | 82,74,78,900 66,97,79,367 |
| Tanal Bapanasana of kora chenya flacemen Net lean choine George set lean | 70,30,50,308 70,30,00,000 | 78,83,06,300 | 70,30,000,000 | | | |
| Net lean ricking. Contago set lean Sure of network on lean on contact leans. | 703.35,00,008 7.7800% | 78.83.06.805 7.000.0k | 7.2000% | 7.700th | F.YBG7% | |
| Not been closing. Coccogn and fewer States of independent loss on constant beams patiented, on fewer. | 70,30,00,000 | 28,83,06,800 | | | State State Service State Service | |
| Ver been choose. Consequent from: Some of convent and loan on consed being between the loan. It Boards Serving - 65 Consequent Special of | 703.35,00,008 7.7800% | 78.85,06.800 Y 200,74 8.81,54,530, | 7.7308% 5.41.85,180 80.06.90.000 | 7.700F% 6,18.87,679 80,08.80,000 | F.YEGOS. 6,73,84,838. 80700,06,000 | 5,30,75,606 |
| Not been choose. Concept and from: Some of independ and from on constant bears instruction, from: 1. Boards Serving - 45 | 70.55,00,008 1.7800% 5.61,54,108 | 78.85.06.800 7.0007a 8.81,54,530 | 7.7308% 5.4185,180 | 7.700% 6,18.82.623 | 80,00,00,000 80,00,00,000 80,00,00,000 | |
| Met been choking George and Jews Burn of interpretation losses on constant beams patiented, on Jews 1 Blooming Services - 65 Content Married appendix at Content Married appendix at Content Jews Interpretation of Jews 1 65 pretaint Met Livers interming. Necessary - Mexiconer Ace in 1930 19 | 70.55,00.008 7.7800% 5.61,64,036 80,06,06,00 | 78.85,06.800 Y 200,74 8.81,54,530, | 7.7308% 5.41.85,180 80.06.90.000 | 7.700F% 6,18.87,679 80,08.80,000 | EVENTAL ESE SCIOLOGO BOJOS DE SEE Despressed contributi de | 5,30,71,896 80,80,00,800 85,80,00,8300 PRASHANT |
| Met been riching. Contrage and hours Burn of information from on council hours patiented, on hour. 1 Boards Services - 45 Contract Hamil about a Contract Hamil about a Contract Hamil about a Direct Hamil about a Hamil all press at Nor. Lean contract Boards develope due to Hamil | 80,00,00,000 80,00,00,000 80,00,00,000 | 78.85,06.800 Y 200,74 8.81,54,530, | 7.7308% 5.41.85,180 80.06.90.000 | 7.700F% 6,18.87,679 80,08.80,000 | EVENTURYER SPORE | 5,30,71,996 80,30,00,300 85,30,03,300 PRASHANT turres (Agenty Control |
| Met been choking George and Jews Burn of interpretation losses on constant beams patiented, on Jews 1 Blooming Services - 65 Content Married appendix at Content Married appendix at Content Jews Interpretation of Jews 1 65 pretaint Met Livers interming. Necessary - Mexiconer Ace in 1930 19 | 80,00,00,000 80,00,00,000 80,00,00,000 | 78.85,06.800 Y 200,74 8.81,54,530, | 7.7308% 5.41.85,180 80.06.90.000 | 7.700F% 6,18.87,679 80,08.80,000 | EVENTURYER SPORE | 5,30,11,896 80,30,00,300 80,30,00,300 PRASHANT SURRESPONDE TO BY |

Reason: AGM, commercial) Location: NTPC Ltd

| n No | Particulars | 2824-28 | 2025-28 (1.4.2025 to 20.4.2926) | 2008-26 (1.4.2025 to 21,5.2826(| 113-27 | 3017-38 | 2079-29 |
|------|--|--|------------------------------------|------------------------------------|--|----------------------------------|----------------------------------|
| | hoses in kins | 9786,00,000 | - 1 | | - | | |
| | | | | | | | |
| 1 | Stands Series - St (Repayment on 25/93/2023) | 12430,00,000 | (24,0,0,00) | 539,700,000,000 | +34,56,35,595 | 1343636366 | 124,80,00,800 |
| Е | Section of the sectio | 74.40,00,008 49.60,00,008 | 124.80,00,00 | 5,24,00,00,000 | 1.24,00.00,000 | 1,34,00,00,000 | 124,00,00,000 |
| | Sociales discretes shares PERFV Incomes discretes duct to ACC | 33000 | | | | | |
| | Tingl Represent of two i terms for some | #3,00,00,004 #3,60,00,004 | 141 | | | | - |
| | Met beer afternet Accompanied leave | 94,46,60,500 | - 1 | - | | 1. | 1. |
| | Budg of catoroid has been on control. Notice Memory (to, low) | 9,5305% 3,11,20,808 | 0.0000% | 0.000% | 0.000% | 0.0800% | 0.00000 |
| | | 33333333 | | | | | |
| 3 | Gonda Seties - 68 Ottos Urawii socura | 75.00,00.000 | 75.30.00,300 | 75,072,80,069 | P5,09.90.090 | 75,00,00,000 | 75,00,00,000 |
| | Connection represent of the Addition or | 76/00.00.000 | 78.00/00,000 | 75,05,80,060 | Ph/06/00/090 | 75,09,00,000 | 74,80,08,800 |
| | Incometat desentation dust in PERFS! Incometat desentation dust in ACS! | | 10.50 | | | | |
| | Total Represented by the charles for time | 75/00/00/00/00 | 35 80,00,600 | 7530.01,000 | 75.00.00.000 75.00.00.000 | - 13 | - 1 |
| | Next Associations (Associated Association Association (Association Association (Association Association (Association Association (Association (Assoc | 75.00.00.008 75.00.00.008 5.08.004 | 75 50 00 000 75 50 00 000 | 75.76 90.060 75.06 90.060 | 37.54,30,000 | | S-30/4/A |
| | Along of Editional confirmations are now being because on Sept. | 5.0800% | 4.0500% | 8,0806% 8,08,000 | 8.5800% 3.68.60.000 | 0.000% | 3,000% |
| | | | === | | | | |
| | Books Series (61 (Repayment on 27/45/2021) | 5.00 | | | | | |
| - | Come Drawl speaking Laterchelly registrated distant dillion is | \$0,00,00,006 \$0,00,00,007 | 58.80/16,565 18.96,66,967 | 10,03,80,065 | 50(08,00)090 10,64,90,687 | 80,78,04,60E 22,33,33,338 | 85,90,00,800 22,33,33,30 |
| | Tel Leotopeous Income diament day to 1934/9 | 8000000 | 28.35.30,203 | 37,2337,03 | 2032220 | 15.00,007 | HEGGE |
| | Roomen Australia for to ACE | 23,35,23,350 | 29,30,30,333 | 85,37,33,555 | 25.24.35.257 | 15,66,94,667 | 15,90,00,307 |
| | Reproduct of loss thereig the total Net Jean releving | 19.70.31.354 | 38.85.30.335 | 35.29.35.393 | 181,68,60,687 191,68,90,687 | 10,000,000,000* | \$4,800 KM 8007 |
| | Compage and Many State of comment out loans on manual books | 33.33,33,103 6.13356 | 23,33,35,238 -8,1000% | 31,23,33,303 6,1800h | 26,06,00,000 | 19,69,69,697 6,12076 | \$1,00,08,867 8.1300W |
| | Section 6 and Bosts | 2,71,80,000 | 2.71,06,000 | -3,71,00,000 | 2,01,35,090 | 1,36,00,000 | 1,2636,200 |
| 8 | Bords Series - 62 | | | | | | |
| | Const. Drawit spential Constructions represented of devel still party of | 800,00,000,78 | 57,00,00,000 | 57,01,00,065 | 57,06,00,000 | 17,00,00,000 67,00,00,000 | 57,80,00,800 87,80,00,800 |
| | Virt Loca commu. Nocione dismosie due in PEREV | 87,00,00,000 | 57,8000,800 | 97,00,00,000 | 51',08,30,090 | 1,000 | |
| | hooses develope due to ACT. | \$7.00.00.00E | 67 800 06 800 | 67.00.00.000 | 8F.00.00.000 | | |
| | Augustrated of Line Shelms the trees | \$7700,00,000 | 67.60,00,100 | \$7,00,00,000 | 57.04.90,080 | | |
| | Autoritisms and Jennis Autoritisms and June on amount harbo | \$7.00,00,000 7.64004 | \$7.30/8/30 7.61 kW | 27,02,80,080 7,810,950 | 28.58.35.090 7.85095 | 0.0000% | 0.0000% |
| | brane, at her | 13577300 | 4,35,17,200 | 4,83,77,000 | 2.18.80,580 | -36860 | 349666 |
| | Bonds Series - 63 | | 10 | | | | |
| | Cass There's posts as Cass and a separate of the self | 1,33,06,00,008 | 1,18.80,06,800 | 1,13,76,93,060 | 1,15,01,00,00 | 1,13,09,08,000 1,13,09,08,000 | 1,11,30,00,390 1,11,30,00,300 |
| | Net Loca contents Net Loca contents Net Loca contents Net Loca contents Net Local | 1,4300,61300 | 1,11,90,00,000 | 1193,08,950,085 | E+5/6E-00/080 | 7,100,0000000000 | 1,710,POSTO |
| _ | Increase Acresio Ace In ACS | 113.00.00.00 | 1,13,30,00,300 | 1,15,08,20,080 | 1,10,01,00,000 | | |
| | Represented look design the tour | 1 13 00 00 000 | 1.12.50,76.500 | 6 53 00 00 000 | E 45 /0E 00 000 | | 4- |
| | Analogy by hear | 1,33,00,00,000 T5602A | 1.13 80/06 200 F-5080% | 1.10/00 90,000 7.5005 | 56.56.90,080 7.5006% | 0.0000% | 0.00075 |
| | Mountain and Joseph | 6.47,50,000 | 8.47,50,000 | 8,47,50,000 | 4,29,75,090 | 500000 | |
| - | Hords Series - 64 | | | | | | |
| | Committee of the commit | 90,60,00 | 18,30,00,850 | 19,00,30,000 | 16,04,30,080 | 18,00,00,000 | 16,50,06,00 |
| | Sex Lone coperties. | 96.05.00.000 | 18,8006,500 | 16,08,65,080 | 10.00 (0.00) | 15/30/05/05 | 64,30,00,300 |
| | Regional decrease that to ACE | 98.00,06,000 | 18.80.00.300 | 16,08,00,000 | 16,04,90,080 | 18.00.00.908 | 48 20 CM 200 |
| | Represent of keeping the near Net hear change | 16.00.00.000 | 18.80,00.000 | 18,00,00,000 | 18.00.00,000 | 15,00,05,000 | \$8,00,00,000 \$8,00,00,000 |
| | Cheronic set lines Side of parent on loan on county basis | 18/00/00/00/00 1 /5/00/64 | 18.80.00,800 7.5000a | 190,00 (00,000) 7, 600(00) | 18(08/31(38) 7 8208% | 18,00,00,000 F,620,00 | 18, 311,131,030 7,50/876 |
| | MORE IN LINE | 1.838.23 | 1,85,830 | 1,35,36,000 | 1,36,36(30) | 1,26,36,000 | 135,8300 |
| _ | Dords Series - 64 | | | | | | |
| | Cook Oracl oxers | 123,00,00,00 | 323,9300,000 | 1,75,00,00,000 | 3.23,04.30,090 | 1,23,00,04,900 | 3,23,00,06,000 |
| | Caramalaritic constraint of threef all part ye. Set Loca constrain. | 3.23,00,00,000 | 3,23,50,00,500 | \$25,08,00,000 | 3.2504.00080 | 3,23,00,06,006 | 323,80,08,900 |
| | hoosis dramain dur is 19319 housest descript dur in 1429 | | | | | 7.000 | |
| | Texted Representation was being the court | 3.23 (0.50,00.00) | 3,29,80,00,800 | 3.35,02.95,065 | 3.25,08,00,000 | 1,13,76,00,300 | 823,00,08,000 |
| | SSCARRENDOMS. ACKNOS INC. ANN. | 1,23:00,00,004 1,23:00,00,004 | 322,80,00,000 322,80,85,800 | \$ 23,00,00,000 \$ 25,00,00,000 | 3,23,08,30,080 3,25,08,30,080 | 1,23,00,04,00E 1,23,00,04,00E | 2,21,00,08,000 2,21,00,04,00 |
| | Rode of Caleston Con Types on premial Trains Smaller, and South | 7.4930% 23.96.20.306 | 7.4000% 20.80,25.300 | 7,4306% 25,66,00,000 | 7,40085. 25,96,20,080 | T.4000% 23,90,24,905 | 7.4000% 23.90,28.000 |
| | | | | | | | |
| | Bonds Series - 62 Cross (hard spring) | 1,50,00,00,002 | 53430/6,00 | 8.50,03.80,00G | 9,560,04 (00,040) | 1.8A(00.04.000 | 5.84.00,08.800 |
| - | Same and consequences of about all larges as | 15000000 | E.59 30 00 000 | 5,50,00,00,000 | \$20,00,00000 | 5.59.00.00.000 | 5.00 (0.00 (0.00 |
| | Bocomer distance Asc to FERV Bocomer distrance due to ACII | | 100000 | | | | |
| | Total Networks of Sea Christ, the new | 9.9970.00.000 | 5.59.30006,000 | 5,95,08,55,065 | 9,757,08,037,090 | Document centres by | PRASHABIL BUT SO |
| | Non-Jones of-Street, Astronomy sick bries | 8.84/00,00.000 8.84/00,00.000 | 5,58,300,000,000 6,58,30,00,000 | \$,59,00,000,000 \$,59,00,000 | 5,591,08,027,090 5,561,08,001,001,001 | CHATUR ALTH SHOW | Lines College on Inc. |
| | Auto College College on company Territory | 8.38.30 ₆ 46.08.47.03 | 48 95 47 500 | #5.78.47.000 | #554,47.00 | Digitally signed CHATURUS | BASHANT |
| | | | | 1000 | 3-24-47-54 | Date: 2024 | 22:04:08 IST |
| 190 | Dictricts Secrets - 68 | | | | 28 | Reason: AGM | |

| R No. | Personiera | 2824-28 | 2025-28 (1.4.2025 to 30.4.2926) | 2008-26 (1.6.2025 to 21.3-2826) | 38.27 | 3017-28 | 2029-29 |
|-------|---|----------------------------------|------------------------------------|---|--------------------------------------|----------------------------------|------------------------------------|
| | Cusa Desel accurg | 1,80,00,00,000 | 1,86,8006,800 | N,80,08.00,000 | 180,00,00,00 | 1,80,00,00,308 | 1,80,90,00,300 |
| | Cammulative represents of the et all previous but Juna (greening) | 7,80,00,00,000 | 1,60,00,00,000 | 5,90,00,00,000 | 1,60,08,00,000 | 1,80,00,00,000 | 1,61,90,01,300 |
| | Noone Rynete As Ir ISRN Noone Beese As Ir ACT | 1879/1879 | 198 80 80 80 80 | 73070780300 | 1790-02790000 | TWOTOCOCOC | 2000000000 |
| | Hyperatect of loanule/out the tree | 1,80,00,00,009 | 1.50,00,000 | 5,80,00,80,000 1,50,00,80,000 | £30,06,30,080 £30,06,00,080 | 1,60,00,00,608 | 1,51,50,78,500 |
| | Nies Anno abbettel Anna may net Jean | 1,50,00,00,00 | 1,58,80,06,800 1,58,80,06,800 | 1,500,00,90,000 | 11.50000.000.000 | 1,50,00,00,000 | \$ 59,90,09,500 \$ 50,90,00,800 |
| | Robe - Charconic on Loss on patroid heats browns on Jean | T.38XXL 31,02,53,004 | 7.860% 11.82.56.800 | 7,38985 11,72,83,000 | 7.3507% | 15,00,00,000 11,00,00,000 | 7.36599 11.0266.000 |
| | | | | | | | |
| -11 | Hones Symil spensor | WC00,00,000 | 96,80,00,000 | 96,02,30,060 | 96,04,00,000 | \$5,00,00,000 | 64,30,02,000 |
| | Test Asses commiss. | 8500,35,201 | 8,800,00 | 96,00,00,000 | 30,01,00,001 | 1500,000 | \$4,5000,000 |
| | Increase decisions due to FEREN. Increase decisions due to FEREN. | | | | | | |
| | Total September of from the true for your | 95/00/00/00/00 | 58,80,00,300 | 90,09,00,000 | 06,09,00,090 | \$5,00,00,000 | 95,80,00,900 |
| | Ner heir electing. Average set hote | 86/30,00,000 86/30,00,000 | 66 30 DE 500 | 96,06,00,060 96,06,00,060 | 95.00.90.000 96.00.90.000 | \$5,00,00,00E \$6,00,00,00E | 84,00,08,000 84,00,08,000 |
| | Make of coherent on lower on poenial forces belowed on lowe | 6.13.75.008 6.13.75.008 | 8,12,70,000 | 6.13.751000 | 6.460P% 6.13.70080 | 6.480% 8,13.71.00 | 6.66674 8.13.7E.030 |
| - 0 | | | | | | | |
| -18 | Boods Series - 74 Circo Don't specie | 1,17,00,00,000 | 1,17,80,00,800 | 8.37,08.83,000 | 5.57(00.00,00) | 1,17,00,00,000 | 1,17,30,08,800 |
| | Communication exponents of dead of lines in Not look opening. | 1,17/00,00,000 | 1,17,90,06,500 | N. NY, DE BOLDES | 5,17,06,00,000 | 1.11/20-04,008 | 1,17,80,00,500 |
| | Increase depresent due to FERTE Increase depresent due to AUD | | | | | | |
| | Represented from themself the trees | 1,17,00,00,000 | 1,17,30036,800 | 1, 17,00, B1,060 | 1,17,00,00,000 | 1,17,00,60,000 | 1,17,36,01.000 |
| | Net, have electing. Accesses, left, horio. | 1.17.00.00.000 | 1.7 80 8 80 | 117000000 | 117.04.00.080 147.04.00.080 | 1,1F,00,04,300 1,1F,00,04,305 | 147.00.00 |
| | Auto of California discipione and automost, franta formano ana fanas | 6,3930% 8,07,30,000 | \$.3090% \$.87,30,000 | 6,2000% 8,07,30,000 | 6,85555 602,32,080 | 6.5800% 8.07.M.000 | 6,90976 8,07,36,000 |
| | | | | | | | |
| -13 | Bonds Series - 78 Case Hyard spents | 1,191,000,000,0001 | 1,79,30,00,000 | 1,16,02,01,000 | 1.19.00.00.000 | 1,19,000,000 | 1,11,90,08,800 |
| | Carmologic represent of short 41 pres 11 Not land rements | 1,98,00,00,000 | 1,18,80,00,800 | 8,16,08,80,068 | 1,19,00,00,000 | 1,18,00,00,000 | 1,11,30,00,00 |
| | Becker Busines & E. K. II. | 36000000000 | EACHSCOIL) | G Reterout | | | 249.897.00 |
| | Agreement of Love Archite the time | 1,98,06,00,008 | 1,18,80,08,305 | 1.1678.95.000 | £16363538 | 1,19,00,00,000 | |
| | Size teats aboutst Accornig to the teat | 1,99,00,00,000 1,19,00,00,000 | 1,19,90,06,500 | 5,10,08,80,085 5,000,80,000 | 1, 150,08,00,000 3, 150,08,00,000 | 1,19,00,00,005 1,19,00,00,005 | \$.95,90,08,500 \$.95,90,08,500 |
| - | Rate of Expense on Later on commit hours become on lows | 6 T2000. T.Mr.68,000 | 4, 1297% 7,89,69,630 | T,98.83,000 | E.7300% T.69.860,000 | 6.1200% 7.00.68,000 | 6.12876 7.8688.300 |
| | | 4 / | Appropriate (| | | 1 10000 | - |
| -16 | Bonds Series - 78 Leon Little Contra | \$7,00,00,000 | F120,002,000 | 91,00,00,000 | 61.00.00.000 | \$1,00,00,000 | 61,50,08,500 |
| | No loca counts. | W.06.00.000 | 61,80,00,800 | 81,02,95,060 | 81,91,90,080 | FF.00.00.000 | EU-8028 200 |
| | Increase decisions due to FESTA! Mocrose decisions due to FASTI | | | 100000000000000000000000000000000000000 | 1000 | | |
| | Total September of loss illestra file tend | 61/09/00/006 | 64,80,06,300 | 61,00,00,000 | 61,00,00,000 | (1,00.0E.000 | 61,90,00,000 |
| | Net hear electing. Assessment feats | 67,00,00,000 61,00,00,000 | 63.80,00.000 63.80,00.000 | 91,08,80,080 030,08,30,16 | 080,00,00,16 080,00,90,16 | \$1,00,00,00E \$1,00,00,00E | 81,90,08,900 61,90,08,900 |
| | Eals of Ortomatica Lines on preside Study. | 412.07.00 | 4 92 0 100 | 6,77080s 4,12,97,060 | 6.7 (GP) 4.12.97.000 | 4,12,17,35 | 4 (207.00 |
| - | | Juna | 1977 | | | 7,500.00 | - Surator |
| 45 | Donda Series - 79 Orac Daniel spenta | 28.17.50,008 | 28.17.00,600 | 19.17.80.000 | 29.17.80.090 | 29,17,00,000 | 29,17,09,000 |
| | Catamaterian appropriate of dead of Leavier Net Look operate | 88,17,06,000 | 28.17,06.000 | 30,17.80,066 | 36,17,90,060 | 99,17,04,008 | 19,17,00,500 |
| | Secretal districts due to FESSE Sucrees desente due to ALS | | | 37833000 | 20000000 | | |
| | Lend Experiment of lens design the town | 39,17,00,000 | 38,17,00,000 | 39,17,83,000 | 39,17,30,000 | 29,17,00,000 | \$4,17,03,000 |
| | Notification and Analysis | 20 U 00 00 20 U 00 30 | 3 17 00 800 34 17 32 800 | 30 17 51 000 30 17 80 000 | 39.17.00780 36.17.00780 | \$2,57,00,000 \$2,57,00,000 | 34,17,06,000 34,17,06,000 |
| | Buttle of Contract can instrument amount home. Interpret on Mana | 7.4700% 2.90.50.000 | 7.4790% 2.8258.890 | 7,47065s 2,02,59,060 | 7.4709% 2.60.50,000 | 747005 2:07:54,908 | 7,4730% |
| - | | | | | - | | 8.00024.800 |
| 18 | Scenin Series - 78 Clear Heart spency | 64.00 001 | 41,00,000 | 44.01000 | A4.80000 | 44.19.300 | 4414.000 |
| | Commission appearant of dead ellipses of | 4.503 | 44,00,200 | 84,00,000 | H.80,090 | 44,00,000 | +1/01/00 |
| = | House daten de FRE | 3785803 | 20000000 | 2/4/00000 | Languages | 201,4050000 | -334 (CE14000) |
| | Total Beginning of loop that the fire year | 420,00 | 44,06,000 | 44.05,060 | 44,600,000 | #4,00,000 | 44,78,500 |
| | Sat lean doores. | 44,00,000 44,00,000 | 48,00,000 44,00,000 | 44.85,080 44.85,080 | 44,30,098 44,30,090 | 44.00,000 44.00,000 | 44,09,500 44,09,500 |
| | State of interior my loan or cornell hours became on loan | 1 £700%. 3.28.865 | 7 (2757%) 3,28 (60) | 7.47085s 8.295680 | 7,4708% 1,26,680 | F470% 0.24 fee | 7,4790% 3,39,640 |
| | WARE TO PER | | | 18844000 | 330000 | PAGE | 2541.000 |
| = | | | | | | | |
| 1 | S.JUS N. Easts Borsta 2024 | 2702222 | | 200000000 | | 202011221 | 127107231207 |
| | Coose Brand existing Communities agreement of direct all convert | 32.10.82.504 | 32 90.02.884 32 90.62.884 | 32.10.82.084 32.10.82.084 | 至11年284 | 32,10,22,504 32,10,22,504 | 32, 10,02 804 32, 10,02 854 |
| | Not beganisms. Income district that is 1930.9 | 32 10 82 884 | | | | 112010130 | |
| | Income deserge due to 64.70 Lettel | | 141 | | | - | 1 4 |
| - | Accounted of Van Jacks for tree: 2nd Januario na. | 32,10,82,864 | | - | | | - 1 |
| | Appropriate force in the control of | 96,05,41,442 4,6277% | 0.0092% | 0.000654 | 1,000% | Document carding b | PRASILANT 0.00075 |
| | Marie, et loni | 74,28,978 | | | - 41 | | Much Sarkeren |
| 3 | 4.23 %. Even Hambi 2228 | | | | | Digitally signed | L RASHANT |
| | Cross Diani species Construkcio opposest of Josef All proces | 135,36,17,341 | 252,002,140 | 3,00,39,97,346 | X823437348 X823437248 | Date: 202 | 22:04 08 181 |
| | Net Loss operins | 152,852,911 | 3.52.39/67.345 | 3,52,26,812945 | -51KO 40 | Reason: AGM | |

Reason: AGM, ommercial) Location: NTPC Ltd

| R No. | Particulars | 2824-28 | 2025-28 (1.4.2025 to 20.4.2926) | 2008-26 (1.8.2025 to 21,3-2826) | 353-27 | 2027-28 | 2029-29 |
|-------|--|---|--|------------------------------------|---------------------------------|--------------------------------|----------------------------------|
| | Incomes demons Aur in 1939 V Incomes demons Aur in ACV | | | | | | |
| | Cond Approximate from General Entropy | 3,82,36,67,363 | 3,62,30,07,308 | 3,57,36,87,348 3,52,36,67,348 | 4. | | |
| - | Our Janua (America) American and Joseph | 183631 | 102,000,24 | CSCHOOSS | 7 | ÷ | - |
| | Auto Catalog Collings on amount haire house of on lone | 4.4800% 95.64.20.851 | 4.460% 15.84.28.861 | 1,49080s 7,50, 93,436 | 1,300% | .00000% | 0.0000 |
| Ξ | | ANTENNA | -IACCANAVI | 7,050,74598 | | | |
| 1 | 2.70% Poord Rata Notes that 2007 Charles Thanks species | 8.86,75,18.931 | EAR.75(19.80) | 8,96,78,10,931 | A46.74 10.001 | E 80.75.79.031 | 8.Mi. 75、19.83 |
| | Campile School and Application of Section 19 (1986) 11 | 8.89,75,18,801 | RAW 75.19.001 | 8.66,75,16.651 | 8,66,15,19,001 | 1,85,75,13,551 | 6,66,75,19.97 |
| | Diet Leus revering. Jeurense Western Aus in 1936 V | 8,8% (0,18,86) | ESRE (96.1 E-26.01 | 8,000,75,76,00,7 | N/80,71,76500 | | |
| | Stooners decrease Ace to ACS | 8,80,75,18,931 | EL696,75,139,821 | 8,90,75,19,901 | 1971.901 | - | - |
| | San Land Colonia. | 8,863,78,18,921 | EX825.18491 | 8,05,75,19,001 | 3/9/11/5/501 | | |
| | Assignate set hosts Music of categori on francist precised frants | 意為於7世。1至至21 2,00000年 | 8,68,75,15,501 2,9782% | 8,95,75,19,003 2,09855 | 4.35.27-50.088 2.80085 | 0.0900% | 9.0090 |
| | heyeci se kon | 262120.835 | 28.21.20.820 | 26,21,20,800 | 世紀 80.410 | 1100000 | |
| | 225 Found Plate Mobile Date 2002 (Commentation | | | | | | |
| 1 | CONSTRUCTOR SECTION AND ADDRESS OF THE PROPERTY OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE P | 18082830 | TREMENT | 100,53,36,303 | 1221837 | -18 CARGEO CO. CR111 U | 18.53837 |
| | Sacredate appropriate of deet, #1port it | 18.53.8(1) | 1888375 | 1,9235,26,973 | FSV323 | 132,55,28,373 | 1,18,35,26,27 |
| | Increase Occasion due to FERSY Monteum decreases don to ACIT | | | | | | |
| | Total Agreement of loss discuss for some | 4 | - 1 | - | | 4 | - |
| | Nier Industriebeng. | | 97 | * | | 8 N | |
| | Kale of advantous him on control been because on home | 0.0600% | 0.0000% | 0.00000 | E-2008% | 0.0900% | 0.0000 |
| | | | | - | | | |
| .5 | JET Cox 250M-Box A | | 120000000000000000000000000000000000000 | 0.07 00.00 1.00 | - //2/2012/202 | 100000 | |
| | Cross Drawi species Construction represented dated (Construction | 1,81,50,75,468. | 1,51,50,75,455 | 1,91,50,75,455 | 1,91,00,70,400 | 1,31,500/1,458 83,80,94,818 | 1,61,50,78,49 1,27,87,17,83 |
| | Nat Loop opening. Incomest devices of for to FEREV. | 181.00.28.498 | 1,611,803,716,4505 | 1,91,65,75,466 | 3,91,55,75,455 | 127.85.17.635 | 83,83,68,81 |
| | Terrene deserver dur 6: ALT | 3.8150,74.668 | 1,91,10,78,456 | 1,91,00.76,466 | 1,81,64,76,456 | 1,27,60 ,17,630 | #3,70,50,8V |
| - | Appearance of hims decrea the piece. Not, hear advertige. | DR-50,7E-68 | 1.64.50,76.455 | 5,91,55,75,465 | \$5,60,50,518 1,27,67,17,037 | 83,93,58,318 83,93,58,318 | 83.8528.81 |
| = | Acceptage and Arets Assets of Controlled one long-on controll Business | 181.9038.435 | 1 B 1 80 78 455 5 00 1076 | (5)2576785 (2)155 | 1,000 | \$6.75.30.238 | 1(37,78.4) |
| | immer en ion | (.06,75,900 | 1,85,75,996 | 1,56,75,168 | 1,83,36,472 | 07.64.003 | 37,61.65 |
| | APR Exp. 3000.000 5 | | | | | | |
| | Classes through expension | 83,40,55,025 | 63,43,96,026 | 61,42,95,025 | 65,43,85,025 | \$3,40,89,E25 | 63,43,95,52 |
| | Commissione represent of Jane (67 previer Diet Loon represent | 83,00,85,025 | 63.40,96.225 | 65,45,95,025 | 60,41,95,025 | 21,13,64,008 42,27,30,016 | 42,27,36,511 21,73,66,03 |
| | Increase Montenio Ace in 1934 U Increase Assesses Ace in ACS | | Peroff (1.5) | | | 12.00 | Programme and the second |
| | Construction Construction Construction | \$2,40,86,035 | 63,40,06,625 | 83,43,85,02K | 65/44 85/025 21.13.85/088 | C2.27 30.016 21.12.63.008 | 21. GAR 20 21. GAR 20 |
| - | Not less should. Accompany and less s | 63.40.85.025 83.40.85.025 | 63.40.96,025 63.40.96,025 | 63,46,95,025 65,48,95,035 | 42,27,30,016 50,34,12,530 | 21,13,68,008 21,15,47,512 | 41.56.02.50 |
| 9 | Budg of Odersted on September annihilal States Separate see Sept. | 1.02150s 64,79,817 | 1.0219% 84,78,817 | 1,021934 64,250,617 | 1.6219% 63.90,845 | | 1,0219 |
| | CHICALITY CO. | *************************************** | | | | | 70.74 |
| 1 | 4.Fh.f. inner flack thomas due 2019. | 4 84 91 41 254 | 4.54.81.01.564 | 4.54.751.81.7564 | 4.54.81.81.064 | 4.34.01.01.254 | 4,50,41,61,25 |
| | provides provide a heat kilper at | | No. | | - Interest and a second | | 436,3133,25 |
| | Not Jana colonine. Roccess Sections An In 1985 | 12131313131 | 4,54,81,61,354 | 4,54,54,81,054 | 4,54,61,61,064 | 4,34,91,81,054 | |
| | Accesses discress doc to ACE | 4,54,01,83,054 | 4,54,81,61,354 | 4,54,21,81,084 | 4.54,61,01,014 | 4,5100,21054 | |
| | Representatives the big the time: Not bear about. | 4,54,81,81,054 | 4,54,81,51,254 | 484,8181,084 | 4,54,83,81,084 | 4.39/31.0/L954 | |
| | State of interest on him on annual limits | 4.54.83,81.064 | 4.54.81.81.854 4.7699% | 4,94,81,81,066 4,7808% | 4.54,51,61,054 | | 8.00007 |
| | historia an hant | 21/94,87,911 | 21,81,07,316 | 21,64,87,018 | 21,64,81918 | 13,82,43,956 | |
| | ST Gas KON Ann A | | 31 21 27 AV | | | | C GERTIO |
| | Association agencies Commission of deal street of | 1.35.11.47.298 | 1.16.51.67.295 | 5.95,03,67,085 | 5,54,13,63,765 | 1,95,11,47,288 | 1,14,11,42,20 38,03,03,59 |
| | Set Long coming | 1.94.11.47.788 | 1,14,11,47,785 | 1.34.13.47,783 | 1,14,11,47,785 | 1,94,11,47,705 | 75,97,69,10 |
| | Income depose due to FURV Income depose due to ACE | | 100000 | | | 1000 | |
| | Total Represented the cherry for our | 8953531363 | 1,14,11,17,785 | E34,31,47,788 | USC,1 UZY,788 | 1,56,11,77,768 36,70,82,998 | 75,17,68,17 36,50,72,85 |
| | Net look eliming Connect and John | 1,16,11,07,996 | 1,14,11,47,766 | 5,14,11,47,788 5,14,11,47,785 | 5,54,11,47,765 | 28/07/88,176 85/09/86,471 | 28,73 65 86 87,35,73,85 |
| | State of Indianasi (on Livin on commit have a Secretary, see Some | 1,0846% | 1,25,46,500 | 1,08491. | 1,8906% | 1.0660/k | 1.0089 \$2,72.40 |
| | | | | | | | |
| 8 | JPT COX 258M BIOLD | 1,17,36,48,238 | 4 12 75 17 75 | 1.17.36.40.360 | 1,1734-45260 | 1.17.30.41.358 | 1,17,36,48,39 |
| | Constitution operated of deal of part of | | 1,17,35,48,300 | 40 | 34.5 | | 34,52,18,45 |
| | Net Lone covering. Becomes discrete day to FURTY | 1.17,36,48,358 | 1,17,36,48,365 | 1,17,36,45,365 | JL17.36.45.565 | 1.17.26.48.398 | 78.34.36.20 |
| | Bromes: dicrose-loc in AOII Trial | 3,17,36,48,308 | 1,17,30,48,396 | 1.17,38,41,366 | 5.57.34,45.865 | 1,17,06,48,366 | 74,3438,23 |
| | Suprocessive (Nove Amorea, Est. 1980) | (1730)(287 | 1.17.36(4).285 | t t7.36 wt.365 | 5.1736.45364 | 36.02.16.718 36.34.30.237 | 28, 52, 18, 19 28, 52, 16, 10 |
| | Acricines (ed., hitt). A part of Cathopiat on Common common basis. | 1.17.38.41.333 1.00865 | 1. (7. S. +8. 3.5) 1. (2. S. +8. 3.5) | 1,0965 | 199,49 | 17.86.41.28 1.088% | 58, 50,24, 17 1,0000 |
| | Stration at Just | 1,35,94,384 | 1,29,04,264 | 1,28,24,264 | 129,04284 | 1,07,53,553 | 44.52.13 |
| 1969 | | | | | | Document certified to | |
| 90 | A PAN, there thereis 2026 B Linux Union cannot a | E81.20.21.700 | - 265-86-86-286 | 2.91.25.31.752 2.91.25.31.752 | 481444784 | CHATURYED COST | was a state of the |
| | Committee received of Juni, Vilian V. | 131,36,35,76 | 2012031202 | 2,91,29,31,792 | 201213131 | Digitally signed CHATURY | DEASHANT |
| | Increase decrease: Asc to TERTY Mocrosia decrease: Asc to ACT; | | | | | Date: 2024 | 22:04:00 157 |
| | Timi | 2,81,30,31,702 | | 4.1 | -+2 | Reason: AGM | 22.04.00 F31 |

| R No | Particulars | 2824-28 | 2025-26 (1.4.2025 to 20.4.2926) | 2008-26 (1.4.2028 to 21.3.28264 | 3138-27 | 2017-28 | 2029-29 |
|-------|--|--|--|--|--|---|---|
| | Signatures of konsidering the same | 2.81.20.23.702 | - 1 | | | - | |
| | Anteriogn and August States and Commission common designs | 7,65,60,15,361 | 0.000% | 6.000% | 1,1000% | 200000 | 3.7830% |
| Ξ | Milested, at least | 517/54/325 | -5727 | | | | |
| 41 | PY Eqs. 758W Rost I | LUIS CONTRACTOR | | - III STORES | | | |
| | Cleave Direct spending Controlled to September of Sharel #Elipper or | N726.65.691 | 67,80,68,001 | 37.89.84.06H | GF,84,85,00+ | 25.47.41.213 | \$7,80,65,891 45,94,82,546 |
| | Net Loss openie. Decores divisors du n. (1911) | 87.09,85.091 | 67,89,05,201 | 97,68,850001 | 37.69.85,081 | 73.40.23.818 | 48,34,07548 |
| | Receive decrease dear to ACTI Lorent | 97.00,68.001 | 67.866.66,291 | W7.50E.85,061 | 97.69.85.084 | 73,62-23,816 | 88,41,93,036 |
| | Non-mark traff trans Library for from: Not been abouting | KT 765,585,564 | 67,86,65,561 | 97,88,85,06+ | 36.47.61.273 73.43.23.611 | 45 (M 50 548 | 26,47,43,273 26,47,43,273 |
| = | State of Control of Con | \$7.00,80.001 0.510.00 00.91.754 | 67.89.65.291 3.51.6% 83.91.294 | 97,09,85,091 6,34885, 69,81,134 | 95,63,94,454 (14,65) (1,47,60) | 81,16,53,60 CO1855 36,13,171 | 36,71,11,800 0,51804 30,71,803 |
| | Intanid visions | WOLLE. | BOSTOR | - MARTIN | FESTING | 30010311 | Anti-Little |
| 12 | JPS Equ. 7889. Ban 1 Corns Druck specing | STAD ES STA | 87 87 93 874 | 91.92 53.918 | 81 82 81814 | 41 NC 50 A14 | 83,82 63 814 |
| | Commission species Commission represents of the elithronis Net Lean represent | 81,92,93,514 | 87.87.76.554 | 91,82,83,918 | 81.82.85814 | 12.06.71.178 28.87.21.158 | 28.31.48.757 28.31.48.757 |
| | Incomes distance due to HIRU Incomes destance due to HIRU | NUNC29214 | 64.80,000.204 | 21.06.03210 | 21,060,000,014 | 8001.24,100 | 88/81/88/30 |
| = | Total Represent of Vest Assess for Sections: | \$1.00,30,814 | EUE200364 | 51,82,83,614 | 51 ED 20 514 52 E 55 79 | HAT 21.58 0.38,717% | 25.81.46.707 11.85.73.750 |
| | No. house of the company of the comp | 51.00.00.514 51.00.00.514 | 51 E7 30 254 51 E7 30 264 | 51,52,83,514 51,22,83,514 | 2 G 2019 45 M 2003 | 35.91.46.303 32.36.33.446 | 12.65,12.179 13.45,62.868 |
| | A ray of Controvers on home on control basis because we have | 0.9155% 47.80.529 | 0.9185% 47.88.536 | 0.61985s 47.80338 | 8:3100% 41.65,460 | 0.9185% | 0.9150% |
| | | | | | 25,7410.07 | 2010300 | |
| 12 | FM Eco. TibM Sun B | W212.68.WW | EE 5758.000 | W1.12 MH.MS | 82117 80 7004 | WEAT HE WAS | 60, 50,000,000 |
| | Set January represent of August 411 pres pr | 60,12,68,908 | 66,42,68,000 | 90,12,60,969 | 50,17,00,000 | 12.63,17,227 17.50,51,601 | 25 (0) 34 454 25 (0) 34 454 |
| | Naziwa daniani dia 1-1/231 Naziwa daniani dia 1-1/23 | | 30000 | | 100,000,000 | 33502300 | |
| | Yorld Represent of Kon Shring the tops | \$3,12,88,369 | 55,57,68,500 | 90,12,65,000 | 50 (2.45.00) U.S.I. (7.27) | 37.89.51.894 02.53.17.227 | 21, 96, 54, 454 02, 83, 07, 227 |
| | Ster lines plensing. Consugerate hours | 908,83,51,08 908,83,51,08 | 69,17,68,509 68,17,98,509 | 90,12,85,969 | 21.59.55.061 40.86.50.298 | 25.08.34.464 31.30.30.008 | \$2.33,17,227 38,79,78,841 |
| | Note of subsense use lower on commed hours. Secretal sections | (x/m8en) (ii) (iii) | 0.9189% 69,04.766 | 6.6168% 68.06,166 | 0.8168N 13.38(6)8 | 0.0186% 26,77,867 | 0.91896 |
| | | | | | | | |
| 38 | APP Cust 159M Bion W Cook Draw speaks | 1,01,01,04,000 | 1,343H,343K) | 521,21,84,000 | 12121.94(00) | 121204.00 | 121,21,04,000 |
| | Contendora recognist of deem silican or Not Lean contents | 120204000 | 1212036300 | 521,21,84,000 | E2f.25,84,080 | \$2,30,44,300 \$0,91,34,000 | 80,50,00,000 80,50,00,000 |
| | Income dispose Au to FERFY Income dispose Au to ACE | | | | | - | |
| 11 | Trind September of Keek Desiry Bur time | 127,21,84,000 | 12121.94.000 | 1,21,21,84,000 | 1,21,21,84,000 (0,30,44,000 | 90,91,38,000 30,30,44,500 | 90,80,65 200 30,30,48,300 |
| | Net Som of South | 121.21,84,008 121.21,84,008 | 1,21,21,84,500 1,21,21,84,500 0,9180% | 1,21,21,81,000 1,21,21,81,000 | 90,61,38,060 1,06,04,41,000 | 80,600,60,000 75,76,13,000 0,616/6. | 90, 20,44 200 45, 25,64 200 |
| | Makes of patterned and from the amount bears. Deline of our found. | 0.9186% 1.11.31.911 | 3,11,30,810 | 1,11,23,919 | 97,62,171 | 50,0,004 | 0.9180% 01,75,216 |
| -4.86 | APV Exp., TSEM-Size V | | | | | | |
| -18. | Construction operators of durat all previous | 72,16,00,204 | 12,3076,394 | 72.28,00.284 | 22,8,24 | 72.28.08.264 95.07.02.324 | 72,26,78,294 26,14,04,847 |
| | Nat Lives reveins Increes discretes for te FERIV | 72.26.26.204 | 72 36/8 204 | 77.28.89.764 | 17:28:99:284 | 54.21.06.971 | 36 (4.04.60) |
| | Incoming disproses due to ACM Total | 72.28.58.294 | 22 29/28 294 | 72.29.89.294 | 27.28.00.264 | 54,27,06,071 | 39, 14,334,8437 |
| | Represents of Long-begge the total Not been observed. | 72,06,04,294 | 72.29.00,294 | F2.28.89.394 | 16.07.02.324 54.21.86.071 | 18,07,09,334 90,14,64,647 | 15,07,02,324 18,07,02,324 |
| _ | Concern let bee: Anti-c/Cotopet on loss on sensed here | 72,36,36,364 5,08635 | 72,30,06,294 0,899,75 | 15,38,86,284 0,8860s | 85,24,86,133 (1884)5 | 45,17,24,606 0,682,76 | 27,90,03 42 0.00 47 24,11,470 |
| | Stranot eq (ve). | M35.H1 | 84,27,345 | SH2TSH3 | 56,34,460 | 40.17.464 | 29,18,478 |
| 16 | JPT Exp. TRES SAN YI | | | | | | |
| | From Band spiriting Commission spiercent of death all provisi | 1,41,75,27,219 | (417527216) | 5,41,78,27,218 | 5,41,75,26,210 | 131.7527.218 25.65.21.808 | 1,4 t,75,27,219 71,41,63,800 |
| | Net Loos comolig. Immort deverant due in 1981% | 1.41.78.27.218 | 1,41,76,29,210 | 1,41,78,27,219 | 1,41,18,27,219 | 1,56,91,44,418 | 91,87,68,800 |
| | January (Assessed Aug to AZ II) | 141,75,27,211 | 1417527259 | 5,41,78,87,818 | 100,000,000 | 1,86,00,48-419 | 21412448 |
| | Ayangument of Arms, America Stername: That, Anato a Andreas | 1,41,75,27,213 | 1/41/95/20 210 | 1,41,75,27,219 | 2.41.H.86 1.32.145.414 | 15.43.61.82 N.07.63.60 | 24.43,61.83 24.43,61.83 |
| | Actorisms and Jennis Share of Contract conditions on subsent Fernice December and Jennis | 3.41,75,27,213 0.8893/N, 1.26,06,073 | 1,41,76,27,210 9,0092% 1,26,06,070 | 8.41,18.27,219 6.6909% 1.26,95.070 | 1,24,00,30,346 0,8600% 1,14,30,311 | 88,50,54,512 0,880% 76,78,703 | 33.18.72.707 9.8880% 47.27.276 |
| | A1000 41 400 | Autorities : | E-ESTACE MOTIC | Canada | Litaboots | 1024.086 | 3720.419 |
| 77 | Corner Linearity agreeming | 186.20.49.501 | 1,64,32,48,321 | 1,40,50 40,001 | 1,04,33,66,021 | 1,84,32,44,521 | 1,86,32,48,521 |
| | Tel Japan person | 184,30,44,501 | 1,64,32,46,521 | 1,84,39,49,531 | 1,64,30,49,521 | 1,84,30,89,501 | 1,64,32,48,521 |
| Ξ | Income demons has to U.S.S. | 1830843094 | THE SHAPE STATE ST | - Carlon State (| - Allen Merce | 46000000000 | - Distribution and |
| | Tional Numerous of Eventhelina the reser | 1,89,30,48,501 | 1,64,32,46,421 | (4,3,40,21 | 1.64,32.40/21 | 1,84,35,44,551 | 1,64,32,49,521 1,64,32,49,521 |
| | Net heat eleving. Average wit heat | 1,84,32,48,521 1,84,32,48,521 | 1,84,32,48,821 1,84,82,46,821 | 1.04.22.49.021 1.04.22.49.021 | 1.64.32.49.621 | 1,84,32,49,521 1,84,32,44,523 | 82,16,24,761 |
| | A site of pathyresis are listen on control beauty. Interest on least | 5.0834 % 8.30,5s.264 | 8.0684% 8.32.04.296 | 8.39 ac.364 | 8,000m 8,00,04,284 | 5.06H% 8.00 (4.56 | 5.08925 4.5620,966 |
| | | - | | | | | |
| 15 | Corp Com III | 124,94,96,962 | 1,24,36,68,382 | 5,24,38,58,982 | 1,34,38,55,062 | 1,34,36,58,962 | 124,36,56,962 |
| | C. Stratificitie Systematical (Scal) (El parcial Mrt. Loop reference | 124.96.64,963 | 1,54,36,66,662 | 5,74,38,86,482 | 1,24,34,50,962 | CocumetriseMed to | |
| | Increase Assentes Aur to FERSU Increase Assentes Aur to ACII | 1000000 | 1000 | COL 14 M. CO. | CACALANA | CHATURASSI spoke | CONTRACTOR OF THE PARTY OF THE |
| | Authorities of Sant Jacobs Electrons | 134,26,96,963 | 124,96,91,882 | 5,24,38,89,962 | 1.34.34.10.362 1.34.34.10.362 | Digitally signed CHATURATOR | E FASHANT |
| | The same of the sa | 1,24,36,88,962 | 1,04,36,58,882 | 5,24,38,85,062 | E24.34.85.062 | Latin Latin Co. | |
| | Not have already. Announce and heavy. Announce and heavy. Announced one improves command frame. | 1,24,35,58,902 5,08345 | 1,24,36,96,560 6,0654/6. | 5,24,38,65,062 | 1,24,58,55,562 6,565(5) | Date: 2024 | 22:04:00 101 |

| St. No. | Particulars | 2824-28 | 2025-28 (1.4.2025 to 20.4.2926) | 2008-26 (1.6.2025 to 21,3.2826) | 28.27 | 2017-28 | 2029-28 |
|---------|---|-----------------------------|---------------------------------------|------------------------------------|--|--|--|
| | besor is kee | 825,87,864 | £29,91,886 | 628.81,666 | 629.81766 | 6,25,51,556 | 1,14,56,776 |
| | | | | | | | |
| 19 | Jane Comma Danay & Management on 17/09/2021 | 12,61,41,750 | 0.01.40.305 | 0.0140.702 | 52,61,45,763 | (23) 41.82 | 1231.46752 |
| | San Loca communication of Character Editions in | 12.61,49.732 | 1,82,51,870 | 1,75,61,878 | 2,01,00,052 10,78,45,750 | 3,75,03,774 | 4,90,07,825 |
| | Booker shopper, durity 1981V Booker departs durity NACE | | 13.003440 | 3333333 | -713445-04 | 0.000000 | |
| | Tingl Represent of loss : know the same | 12.81.43.000 1.02.43.974 | 13,78,97,726 | 11,78,87,726 1,72,81,676 | 10,78,45,150 1 28,41 508 | 9,75,00,714 1,02,61,878 | 1,71,41,795 1,20,61,678 |
| Е | Met beer streeting. According and leaves | 11,73,97,679 | 11,7809-226 11,7839-226 | 101,78,45,790 11,32,71,758 | 973 93 774 1035 93 Wo | 8,71,43,798 9,35,67,766 | 7,60,69 #21 4,30,16 #10 |
| | Autor of information lives on unusual female. | 1,0001% | 1.0981% | 1,000154 | L0801% 11.57,585 | #10801% #18.20.08 | 1,0001% 8,04,054 |
| = | 78798-95,8932- | 74807004 | - COOSE | 2,000,000 | 3,000,000 | USDESHILL: | LINEOUS. |
| 29 | JOSE Green Drawn & (Pagesyment on 1749) 1853 | | | | | | |
| | Cross Drawil spential Congressives represent of these till present | 25,15,27,494 | 28.9537,404 2.81.22,602 | 25,15,27,494 2,01,22,002 | 20,11,37,404 4,02,85,985 | 25,15,27,404 4,03,68,817 | 25, 10,35°,434 4,34,01,860 |
| | Net Look coming. Incompar decembe due in 19319/ | 29,15,22,404 | 29.54,14,412 | 23,14,14,612 | 21,12,31,420 | 15.11.66,427 | 17,10,48,495 |
| | Testal | 25,15,37,404 | 23.56.16.007 | 23,14,36,412 | 21,12.91,430 | 19.11.00.427 | 17,10,48,435 |
| | Represent of least the marker point. | 2,01,22,900 23,14,14,413 | 23.56,14.412 | 2 (A 22 (40) 21 (10 a) +30 | 20125005 59.11.89.427 | 2,01,22,866 17,10,41,435 | 2,0132,963 11,30,22,443 |
| = | Acestee and Justice Auto-Control on Comment Comment Beauty | 2011/1982 1,08015 | 18 (0.1240) | 20.13.82.018 | X12.5034 | 10,11,00,201 1,0001% | 10,5012 |
| | MOREA HE MAD | 28.32.329 | 25,22,640 | 24.72.968 | 7133,607 | 19,74,247 | 17,54,886 |
| | Just thems Describt (Paperyrood as | | | | | | |
| 21 | THE COURT | 1003156 | 8,87,24,880 | 8,57,24,560 | 8,67,26,590 | 8,9734,966 | 4 17 24 940 |
| | Set Less opposite. | 100034,800 | 70,07,867 8 90,38,825 | 72 07 067 0.16 20,023 | 1.41.25.504 7.45.20.683 | 2,12,14,90 0,74,30,000 | 8,87,29,590 2,83,67,860 6,03,32,221 |
| = | National Automation Age to 108% | 300.00 | | | ,028257 | | |
| - | Total Appropriate of local thems the tenst | 0.87,24.808 T0.87,987 | 1,95,26,825 | 5.18.25.622 75.87.067 | 7.45.25.005 12.37.007 | 5,74,26,908 TO,07,967 | 1,00,22,721 |
| | Mer knot aboving. Aneroperant hours | 8,16,26,623 | 8.95,25,825 8.96,26,828 | 7,4%,25,668 7,90,77,908 | 6,114,30,688 1108,79,622 | 6,03,32,721 6,38,81,708 | 5,30,34,754 5,47,88,737 |
| | State of Entrywolost larger on contact bases Serviced, see Jones | 1.0801% | 1.0801% | 1,080/10; 8,81,120(| 1.8907% 7,73,149 | 1.0901%. 6.09.378 | 1,08Q1% 6(18:000 |
| | | | -0.7846 | 707.0 | | 110000000 | |
| 22 | JOSC Green Drawitti (Regovernment on XTMS/2013) | | | | | Karana a | 0.75000 |
| | Cross Front spenses Consentence spread of those tricker in | 8.20,41,401 | 8.20.43.405 49.63.479 | 5,35,45,453 46,63,470 | 625,45,453 54,25,950 | 8/25/43/405 1/40/50/438 | £20,43,425 1,96,53,916 |
| | Not Long counting. Incomps drymous due to FEREV | 620,43,400 | 170,96,013 | 6,75,80,014 | 8,21,90,658 | AY130.008 | 4,21,09,678 |
| | Increase describe II. 19 | 625 (1) (60 | 8 P0 00 214 | 5,72,83,015 | 621/9688 | 5,71.63,008 | 4,21,58,576 |
| - | Represent of Loss being the tree Not done whiting. | 49,43,479 5,70,62,014 | 170,00204 | 48.62.479 5.21.95.535 | 49,85,479 4,71,83,085 | 60,01,476 6,21 89,578 | 40,03.4% 3,72,28,98 |
| - | Adecian ML lines . Auto of oracost on home or coroné, have | 136,61754 1,36015 | E2030,044 1,09615 | 5,48,95,294 | 4,0034,000 1,0007A | 4,48,71,318 1,0801% | 1,8737,896 |
| | Statut et lost. | 6,48,200 | 6,22,129 | 5.85,176 | 5,41.089 | 4.04,922 | 420,866 |
| 25 | USS 780 Million Drond | | i i i i i i i i i i i i i i i i i i i | | V-1000000000000000000000000000000000000 | | |
| | Circus Deput specing Communication approximate of classed all press or | 1,91,44,73,873 | 1,511,44,75,615 | 1,01,44,70,675 | 1,81,44,78,678 | 1,37,44,75,675 77,34,96,964 | 1,51,34,71,870 84,89,68,807 |
| | Nei Jone comments Incontra dischado des la FORU | 3,81,94,28,875 | 3,83,44,76,636 | 1,91,44,28,678 | 3,91,44,78,679 | 1,64,080,67,721 | 1,84,74,64,796 |
| - | Income Anne Anche Mills | 08.400000 | UNI 44.7 E.655 | 3.81.44.75.675 | 191,44,76,671 | 1,84,00,61,721 | 1,8,74,64200 |
| | Set less storing | 1,81,44,75,875 | 1,01,44,71,475 | 1.91.44.75,675 | 27.54.35.084 1.64.09.81.121 | 1,94,00,01,521 27,04,66,854 1,30,74,64,768 | 1,36,74,54,706 37,34,54,364 1,06,36,67,814 |
| | Appropriate from the control of the | 1,81,44,78,875 6,78006 | 1,518.4%,78.87% 0,159.57% | 0.91,44.78,675 6.7896% | E71,77,30,456 E2658N | 1.83.85.34.244 6.76866 | \$29,17,36,291 5,1689% |
| | lenet when | T2:98_08_317 | 12.90.08.201 | 12.56.89,377 | 10.00.60.179 | 10,16,31,662 | 1,71,11,365 |
| 26 | USS 780 Million Driver I | | | | and the later late | 17 67 48 64 64 64 | 101010000 |
| | Lacondata approach (Capal Village or | 13475,643 | 134718385 | 134,7146,028 | 134,7140,561 | 1,34,75,64,572 19,24,60,828 | 13472363E 31,40,018% |
| | Dist Local counting. Increase declarate dea to 1934/8 | ESEMATINES. | 1,3473,68,800 | CH.72.80.568 | CH,71,86385 | 1,15/9,245,578 | 86,24,24,847 |
| | Motore en Orichianic Rosc In: NACT: Turned | 134,73,66,806 | 134,73,68,305 | 1,34,73,85,688 | 1,34,73,85,699 | 1,35,45,84,576 | M.34.04.847 |
| | Represent of lost clients for near New two streets. | 13675.86.80 | 1,34,73,86,806 | 5.34_T5.865A2A | 1924,8000 1,56,41,86309 | 19,24,50,625 99,24,58,845 | 19,24,293,829 NL 99,29,743 |
| | Anerope and hear Ball (Andrews) on England and Best S | 1,34,72,64,606 | 1,54,73,66,905 8,71973, | 1,34,73,86,666 | 5,25,11,26,011 5,79083 | 1,05,96,44,111 | 88,41,64,162 9,7880% |
| | private in loss | 9,12,14,218 | 8.52,14,258 | 5,12,14,018 | 674.95.531 | 7,16,420 | 116/0752 |
| 25 | USD 750 Million Draw! III | | | | | | |
| | Circle (from) specifical Communication appropriate of chief of previous | 82.16.88,278 | 原 抗原2% | 02,18.85,238 | 92,18,85,236 | 12.16.58.27E | 提. 场.提.2% 图. 30.78.8% |
| | Net Loca covering. Increase distance that to TEREV | 82,18,88,224 | 62.58.08.226 | (E), 18, 85, 228 | (0),18.86,258 | 70,01,84,908 | 85,84,01,865 |
| | Incode discusse that to ACT. | 82,18,81,228 | 62,50,50,26 | 92,18,85,258 | 834689 | 79,01,88,908 | 63,34,61,960 |
| - | Autoliumo (a) kom alembas liin (ann). Not. Inni, alimine. | 82,00,028 | 0.5512 | 30,000,000 | 52.14.162.218 2627.82.288 | 13,16,04,318 \$5,04,51,885 | 12 (6.00.21) |
| | Addition and best Rustice (Colorest etc. instrum amount books | 82,18,88,228 6,7890% | 52 49.04.225 4.7080% | 92.96.86228 6.289854 | 85.61.39.067 6.76985 | 72.45.49.746 0.7890% | 55.36.43.43H 6.76mOs |
| | Neppeni en Ares | 6.24,09.968 | 8.24/8,040 | 5,34,555,988 | 5,75,52,133 | 4,90,ML428 | 4,51,28,707 |
| 24 | LIND 790 Midwel Drawl M. | V-10-71-11-1 | and the second | 7/20 00/410 | 2/2/ | - Transfer | - Invited |
| | manufacture manufacture of dearly all parts of | 84,96,65,712 | HJK/6713 | 94.06.85.712 | 94,846,713 | 10.22.13.13 10.22.13.13 | F. 86.62.70 27.9047.349 |
| | Print Lawa (Streets) Recovered distributed that to FEER V | HARASTO. | 94.86/8Z90 | C17.08.80.142 | SHWW.TO | Description to | |
| | Total | 96/86/98/711 | 54.86(67.71) | 94,89,99,713 | 36.88.50E | CHATURYEDIZANIA | DITTEN TO BE WHEN THE BUT |
| | Set Jean-chappe. | 555531 | B 8 8 40 | 94.58 85,713 91.68,65,713 | 1326 2357 1 81 31 42 (39 | 1. T. C. | THE PROPERTY OF THE PARTY OF TH |
| | Auto of Adelica on Demonstration Prints | 84.06.65.711 6.76.65 | 54.86.66.710 9.7580% | 6.35065 | 1,5545 | Digitally signed CHATURUCU Date: 2024 | 22:04:08:181 |
| - | houses so hear | 64232,771 | 8.42,22,271 | 6,42,22,171 | 0.24.25.A31 | Reason AGM | EL. UH 100 10 10 |

Reason: AGM, commercial) Location: NTPC Ltd

| Nes | Parisculers | 2924-29 | 2025-26 (1.4.2025 to 20.4.2926) | 2008-26 (1.8.2025 to 21.3-2826) | 28.27 | 2017-28 | 2079-29 |
|-----|--|------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|----------------------------|
| | | | | | | | |
| ř | LOSS THE MIRROR DOSSET Y | | | | | | 7.000.00 |
| | Cook District appropriate of channel and propriate | 1,36,24,41,600 | 1,38,34,41,192 | 6.36,54,41,162 | 1:363U/1,180 | 1,35,24.41,903 | 1,34,24,41.1 |
| - | Not Long opposite. Incomes changes due to 10200 | 12624,41,692 | 1,26,24,41,122 | 1,31,34,41,192 | H263448,182 | 1,88,20,92,462 | 60,17.43.2 |
| - | Retrieve dicresse dra to AUE | 1252141.100 | 1,28,24,41,192 | 5,25,24,41,152 | 1.25.24.41.192 | 1,54,20,52,450 | 89. KT-43.7 |
| | Represented loss thems for your | | U | | 196,03,45,142 | 18/33/48/742 | \$8,03,48 |
| | Net Sen electes Average set host | 120,24,41,100 | 12624,41,197 | 5.26.24.41,152 5.26.24.41,152 | 1,0529.62,460 | 80,47,43,708 89,89,18,078 | 72 13 64 / 81, 10,69 / |
| - | Rate of substantian lines on consul forms believed an laws | 6.76561L 8.54.86,701 | 0.7589% 8.36.6t.20t | 6,36065c | 6.56665 F.80.80.118 | 6.7690% 8.71,80,470 | 9.700 3.40.43.0 |
| | | | | | | | |
| E. | 1955 788 Million Drawt M | | - STORMAN | - nurveoresso | | | |
| | Coor Bred epinion Community, represented dural all precisi | 89,14,39,317 | 88.94.06.317 | 85.14.00,317 | 35.H30317 | 85.14.00.217 12.46.28.617 | 85, H.06, 84, 32,57 |
| 7 | Sett Land contemp. Income distrass: Acc w. TEST 5: | 85,14,00,017 | 69,54,00,357 | 85,14,80,317 | 55,14,30,317 | 72,97,71,703 | 60,81,43 |
| Ξ | Bootse display for K-147 | | | | | | 100000 |
| | Total Keynologist aid hose cleaning for name | 86,14,00,317 | 88,74,00,357 | 89,14,00,317 | 86,14,30,317 12,14,36,617 | 12,16,28,417 | 90,81,633 12,16,283 |
| | Not literatives. According set learn | 85,14,00,317 85,14,00,517 | 86,56,00,317 86,94,00,317 | 85,14,20,217 85,14,20,217 | 72,97,71,701 75,00,00,000 | 60,81.63,064 60,06,52,368 | 64.85.14 / 64.75.28 |
| | Rate of control on true on contrast being | 6.7890% | 0.7590% | 6,71245 | EXERN | G.Yellerin | 0.16 |
| - | house, reclays | A7838384 | 176,38,389 | 5,78,50,085 | 53636300 | 4.52.57,078 | 1,70,53 |
| Ņ | JPY Cop. \$400 M Ann Dreef I | | | | | | 1000 |
| | Considers spening | 38/91/16/16 | 38.91.38.762 | 36,01,36,162 | 35,91,35,762 | 98,01,38,762 | 38,91,38, |
| | Ner Loca coverna. | 36,91,36,762 | 28.81.26,762 | 36,01,36,762 | 36,01,36,762 | 16,01.38,762 | 30,761,36. |
| | Increase deviance due or FERN Increase (Someon due) in RCIII | | | | | | |
| = | Tyrind Napogramma of Leon Likeling For Yours | 35,61,35,763 | 200,200 | EC0125,763 | 25(35)00 | 35.57.33.793 | 36,76,38 |
| _ | Sec. Jones alongue. | 33,31,30,761 | 300,300 | 300135782 | 251270 | A1100 88 | 100 |
| | According to the control of the cont | 35.91,35.762 1.275534 | 36.31.36.262 1.2193% | 35,51,35,762 | 25.91.35 FEZ 1.1985 | 13.34.63.806 | 38.21.18 1.21 |
| | Interest and frees. | 40.65,298 | 63,55,295 | 43,85,755 | 41.85.289 | 60.01.48E | 14310 |
| iğ. | JPT Equ. \$480 Million (Venil 8) | | - 7 | | | | |
| - | Cargooking aggreeat of these Mileses or | 10,11,21,800 | 19,37,24,880 | 19.11.24,669 | 19,11,24,009 | 79,11.50,368 | 2,73.08.1 |
| | Nat Taxon opposing. | 29,11,34,909 | 18,11,29,800 | 19,11,24,989 | 16(1124,089 | 19,11,24,669 | 10330 |
| - | November (Aumeire des le 1997) | | | | | | |
| - | Apparetures of loos the tital the total | 90,11,34,868 | 18 11 24 366 | 50,11,34,099 | 16,1134384 | 2,71,01,508 | 11 x (24) |
| | Nie laar drobing | 95.11.24.800 | 18.11.29.389 | 10,1124,886 | 10,11,24,688 | 90,36,21,338 | 13,46,17 |
| | Antrigo M. Inth. Size of interior on fairnes cannot have | 39,11,24,868 1,21864 | 18.11.25,880 1.21698 | 10,11,24,680 | 121665 | 12360 | 15,01,89; 1,21 |
| | Interest and State 1 | 23,23,52 | 23,23,123 | 23,23,123 | 23.28.123 | 21,57,986 | 10.7% |
| ŧ | JPT Koya E400 Million Denni R | | | | | | |
| | Lens Amil scott a | 50,22,35,598 | 20,20,20,20 | 10,22,31,944 | 5022,31,569 | 90,20,31,996 | 35,22,50 |
| - | Caratulation appearance of deed All pressor. | \$0,22,31,500 | 58,27,31,590 | 80,22,31,569 | 50,22,31,099 | 50,22,31,509 | 7,17,47 43,34,64 |
| | Income demand Ace to FERN Income demand dia to ACE | 70.00 | | | | | |
| | Total | 80,00,31,808 | 50,27,31,500 | 80,22,31,560 | 50,22,31,660 | 81,22 X1,M8 | 43,94,94 |
| | Appointed of lose shring for tene Net law closing | 80,22,31,908 | 10.2231,899 | 90,22,31,669 | 50.22.31.569 | 7,17,42,371 43,04,84,227 | 7,17,47; 88,67,087 |
| - | Concept set Next State of interpoling Seatons assessed here: | 8127,51AW 1.2165 | 58,20,31,999 1,21,60% | 80.22.31.548 1.210494 | 1.21049 | 48,60.67,513 1,2160% | 18,40,00 |
| = | Jeconsof, mr. Jones | 01,54,63 | 41,04,825 | FUR.638 | 61,54,625 | 55,00,000 | -07/8/ |
| N | JPT Cox 1480 Million Depart H | | | | | | 11000 |
| - | Cross (Nami appairs) | 23.30,12.511 | 23.32.72.570 | 25,32,72,675 | 23,32,72,578 | 23.30.72,578 | 22,32,12 |
| 3 | Carendatho agureum il daet all per ii Nat Loca ceema. | 23,30,72,573 | 23.32,72.576 | 23.32.72.678 | 23.32.72.578 | 23,30,72,618 | 1,33,247 |
| - | Teconor decrease due to PETETE Teconor decrease des to NETE | 100,000 | | - X(| 12303733 | 20000000 | |
| | Leise | 26.52,72,414 | 28,80,72,876 | 21/32/17/108 | 2928,79,698 | 23,32,27,476 | 15,000 |
| | Appropried of Even Decision For Even Test Sens elections | 15,873,571 | 23,32,13,276 | 25,30,72,578 | \$33,72,671 | 3.00.24 654 | 133.34 |
| | Automoral Inter- Auto-chargement (Automoral Inter- | 12225 | 22.32.72.376 | 25.30.22.008 1.22.225 | 25,33 72,633 | 108.10.81 | 1032/8 |
| | briance set lows | 79.31.067 | 28,51,567 | 28.81,067 | 78,51,087 | 26,67,410 | 22,42 |
| | George Down opening | 1/11/07/28 44/267 | 1,11.67.36.64.367 | 1,11,07,38,46,087 | 1,11,07,34,46,067 | 1,11,07,36,44,567 | 1,11,07,38,44 |
| | Communicative represent of drawl till prove or | 5.85,0G,15.26d | 1247.45.46,400 | 12.47.46.46.420 | 19,93,71,37,249 | 18,77,09,89,805 | 52,23,76,43, |
| | Not Lean opening Increase decrease decr | 1,65,41,54,25,564 | 98,88,80,68,837 | \$1,51,60,80,617 | 81,10,43,86,618 | FLASHACRA | 96.77,96,69. |
| | Increase decrease the to ACE | 1,08,41,64,38,808 | 50.48 NO.56.627 | 86,89,80,88,637 | 91,12,64,36,818 | 12,30,36,64,662 | 48,77,60,00 |
| | Repayment of town during the year | 8,81,63,30,168 | | P,46(28,81)E19 | 18,82,29,81,266 | 12,82,78,68,208 | 17,48,64,00. |
| | Met true clustry Amorage and home | 1,62,83,72,83,721 | 96,68,80,96,827 96,68,80,96,827 | 81.53,86,36,818 84,86,78,82,727 | 72,30,35,65,662 61,72,04,21,140 | 68,77,66,69,263 66,32,97,77,657 | 81,31,34,97 30,64,77,48 |
| | Rate of interset on lean on presunt line is. | 6,1896%, 8,31,36,47,967 | 8.1964% 6.69.87.39.996 | 6.17995. CHAMB.CL.HS.R | 6,3271% 5,17,86,44,289 | 4,35,17,04,214 | 1,41,26,28 |

Document certified by PRASHANT CHATURVEDI cpchaturvegibs@ntpc.co.in>.

| Company | NTPC Limited |
|--------------------------------|--|
| Name of the generating Station | North Keranpura Thermal Power-STAGE 91 |
| Month | 23-24 |

| SL | Particulars | Unit | Apr-23 5 COAL-DOMESTIC | COAL-DOMESTIC | COAL-DOMESTIC |
|-------------------------------------|--|-----------|---|---|---|
| A) | OPENING QUANTITY | With. | July Commons | Serie Someo III | 5004 500445110 |
| _ | Opening Stock of coal | MT | 68079.64 | 1,02,211.49 | 2.08.636.01 |
| | Value of Stock | Pa. | 13,60,19,079.68 | 20,96,96,394,06 | 42.62.88.258.65 |
| 8) | QUANTITY | 1401 | 107,00,10,010,00 | - 800 CHARGO - 0-93 AND | MELORI, DUSCONICIO |
| | Quantity of Cost /Lignite supplied by Cost / Lignite | MT | 3,40,528 30 | 3,77,022.57 | 3,03,106.05 |
| and the second second second second | - City Received (Pt Head) | MT | 3,40,528.30 | 3,77,022.57 | 3.03,106.05 |
| | - City Received (Non Pit Head) | MT | 0.00 | 0.00 | 0.00 |
| | Adjustment (+/-) in quantity supplied made by Cost / | MT | 0.00 | 0.00 | 0.00 |
| 27 | Lighte Company | 511 | 0.40 | 0.00 | |
| 5 | Cost supplied by Cost/Lignite Company (3+4) | MT | 348528 38 | 377022.57 | 303106.05 |
| 6 | Normative transit & Handling losses (for Coal /Lignite based projects) | MT | 90.159 | 754.06 | 606.21 |
| 6.01 | - Normative Loss (Pit Head) | MT | 0.00 | 0.00 | 0.00 |
| 6.02 | - Normative Loss (Non Pit Head) | MT | 0.00 | 0.00 | 0.00 |
| | Nen Coal / Lignite supplied (5 - 6) | MT | 359847.24 | 376268.52 | 302499.84 |
| C) | PRICE | | *************************************** | | |
| | Amount charged by the Coal / Lignite Company | Rs. | 63,33,68,065.28 | 70,00,12,062.20 | 56.33,96,157.59 |
| 0 | Adjustment (+ /-) in amount charged by coal / Lignite Company | Ra. | 0.00 | 0.00 | 0.00 |
| 10 | Handling, Sampling and such other Similar charges | Rs. | 29,39,881,12 | 32,54,946.90 | 25,15,803,81 |
| | Total Amount charged (6 +9+10) | Ra. | 636307946.40 | 703267009.10 | 566012961.40 |
| O) | TRANSPORTATION | | | | 100000000000000000000000000000000000000 |
| | Transportation charges by Rail / Ship / Road Transport | Ru. | 5,64,18,232.05 | 6,46,78,888.61 | 5,19,96,378.69 |
| 13 | Adjustment (+/-) in amount charged by railways / transport | Rs. | 0.00 | 0.00 | 0.00 |
| 14 | Demurrage charges. If any | Rs. | 0.00 | 0.00 | 0:00 |
| 15 | Cost of disset in transporting Cost through MGR system, if applicable | Ra. | 0.00 | 0.00 | 0.00 |
| 18 | Total transportation charges (12+)- 13 - 14 + 15) | Rs. | 58418232.05 | 64678888.61 | 51998378.69 |
| 17 | Total amount charged for Coal / Lignite supplied including | Ra. | 694726178.45 | 767945897.71 | 618011340.29 |
| E) | transportation (11 + 16) | | V 35=1401-012-01 | 100000000000000000000000000000000000000 | 100000000000000000000000000000000000000 |
| 10 | Landed Cost of Coal/Lignite (2+17) / (1+7) | Rs./MT | 2051.58 | 2043.22 | 2043.10 |
| 19 | Blending Ratio (Domestic/Imported) | % | 100.00 | 100.00 | 100:00 |
| 20 | Weighted average cost of Coal /Lightle (Including biomass) | Rs.MT | 2051.59 | 2043.22 | 2043.10 |
| | Weighted everage cost of Coal /Lightle (Excluding biomses) | Rs.MT | 2051.59 | 2043.22 | 2043.10 |
| F) 21 | QUALITY GCV of Domestic cost of the opening soal stock as per bill of soal company | kCal/Kg | 3949 | 3948 | 3884 |
| 22 | GCV of Comestic cost supplied as per bill of cost company | kCabKg | 3948 | 3866 | 3733 |
| 23 | | kCal/Kg | 0 | 0 | 0 |
| | of coal company | | | | |
| 24 | GCV of imported coal supplied as per hill coal company | kGal/Kg | D | 0 | .0 |
| | Weighted average GCV of Coal /Lagnite as billed (Including biomass) | kCeliKg . | 3948 | 3884 | 3798 |
| | Weighted average GCV of Coal /Lignite as billed (Excluding binmass) | kCal/Kg | 3948 | 3884 | 3790 |
| 26 | GCV of Domestic Goal, of the opening stock as received at Station | kCal/Kg | 3417 | 3403 | 3625 |
| 27 | GCV of domestic coal supplied as received at station | kCal/Kg | 3400 | 3686 | 3638 |
| | | kGat/Kg | 9400 | 0 | 0 |
| 28 | GCV of imported coal of opening stock as received at station | ecasing. | | | |
| 29 | GCV of Imported Coal supplied as received at Station | kCal/Kg | 0 | 0 | 0 |
| 30 | Weighted average GCV of coal/ Lignite as Received (Including biomass) | kCalrKg | 3,403.00 | 3,625,00 | 3,633.00 |
| 30.1 | Weighted average GCV of coal/ Lignite as Received (Excluding biomass) | kCal/Kg | 3,403.00 | 3,625.00 | 3,633.00 |

| Company | NTPC Limited |
|--------------------------------|-------------------|
| Name of the generating Station | North Karanpura T |
| Month | 23-24 |

| 61 | Santinudam | | | | op-23 COAL-DOMESTIC |
|---|---|-----------|--|-----------------|--|
| SL | Particulars | Unit | COAL-DOMESTIC | COAL-DOMESTIC | CORL DOMESTIC |
| 4) | OPENING QUANTITY | 600 | 2 20 244 44 | 202 222 22 | 2010 010 00 |
| -1 | Opening Stock of coal | MT | 2,39,961.41 | 2,62,427.03 | 2,58,840.80 |
| _ | Value of Stock | Ra. | 49,35,05,677,56 | 53,36,29,160.63 | 52.65.99.700.41 |
| 8) | QUANTITY | No. | 2.00.000.00 | 0.76 ((0.67 | 0.00,000,00 |
| THE RESERVE AND ADDRESS OF THE PERSON NAMED IN | Quantity of Cost /Lignite supplied by Cost / Lignite | MT | 2,02,850.32 | 2,78,552.87 | 2.52.900.80 |
| _ | - City Received (Pit Head) | MT | 2,92,850.32 | 2,78,552.87 | 2.52,900.60 |
| | Oty Received (Non-Pit Head) Adjustment (+/-) in quantity supplied made by Cost / | MT | 0.00 | 0.00 | 0.00 |
| | Lighte Company | | | | |
| | Coal supplied by Coal/Lignite Company (3+4) | MT | 292850 32 | 278552.87 | 252900.60 |
| 6 | Normative transit & Handling losses (for Coal /Lignite based projects) | MT | 585.70 | 557.11 | 506.50 |
| 6.01 | - Normative Loss (Pit Head) | MT | 0.00 | 0.00 | 0.00 |
| ACRES AND ADDRESS OF THE PARTY | - Normative Loss (Non Pit Head) | MT | 0.00 | 0.00 | 0.00 |
| | Net Coal / Lignite supplied (5 - 6) | MT | 292264.62 | 277996.76 | 252394.60 |
| C) | PRICE | | AND STREET, ST | - | |
| | Amount charged by the Coal / Lignite Company | Rs. | 54,80,00,452.97 | 52,23,54,391.31 | 47,47,61,292.93 |
| | Adjustment (+ /-) in amount charged by cost / Lignite Company | Ra. | 0.00 | 0.00 | 0.00 |
| 10 | Handling, Sampling and such other Similar charges | Rs. | 0.00 | 51879.72 | 0.00 |
| | Total Amount charged (6 +9+10) | Ra. | 548000452.97 | 522416271.00 | 474761290 93 |
| 0) | TRANSPORTATION | | | | The state of the s |
| | Transportation charges by Rail / Ship / Road Transport | Ra. | 4,07,42,471.62 | 4,30,02,309,14 | 3,16,37,564.29 |
| | Adjustment (+/-) in amount charged by railways / transport | Rs. | 0.00 | 0.00 | 0.00 |
| 14 | Demurrage charges. If any | Rs. | 0.00 | 0.00 | 0:00 |
| 15 | Cost of diesel in transporting Cost through MGR system, if applicable | Ra. | 0.00 | 0.00 | 0.00 |
| 18 | Total transportation charges (12+)- 13 - 14 + 15) | Rs. | 40742471.62 | 43002309.14 | 31637964.29 |
| 17 E) | Total amount charged for Coal / Lignite supplied including transportation (11 + 16) | | 558742924.59 | 565418580.17 | 506398857.22 |
| | Landed Cost of Coal/Lignite (2+17) / (1+7) | Rs./MT | 2033.44 | 2033.68 | 2020.20 |
| | Blending Ratio (Domestic/Imported) | N . | 100.00 | 100.00 | 100.00 |
| 1000 | | | 1,100,000 | 177724 | |
| 20 | Weighted average cost of Coal /Lightle (Including biomass) | Rs.MT | 2033.44 | 2033.68 | 2020.20 |
| 20.10 | Weighted everage cost of Coal (Lighte (Excluding biomses) | Rs./MT | 2033.44 | 2033.68 | 2020-20 |
| F) 21 | QUALITY GCV of Domestic cost of the opening soal stock as per bill of soal company | kCal/Kg | 3795 | 3889 | 3910 |
| 22 | GCV of Somestic cost supplied as per bill of cost company | kCabkg : | 3967 | 3931 | 3905 |
| 23 | GCV of imported anal of the opening coal stock as per bill of coal company | kGal/Kg | 0 | Q | .0 |
| 24 | GCV of imported coal supplied as per bill coal | kCal/Kg | D | .0 | .0 |
| 25 | Weighted average GCV of Coal /Lignite as billed | kCaliKg . | 3889 | 3910 | 3908 |
| 25.1 | (Including biomass) Weighted average GCV of Coal /Lignite as billed (Excluding biomass) | kCal/Kg | 3889 | 3910 | 3908 |
| 26 | GCV of Domestic Goal of the opening stock as received at Station | kCal/Kg | 3633 | 3591 | 3577 |
| 27 | GCV of domestic coal supplied as received at station | kCal/Kg | 3556 | 3563 | 3328 |
| 28 | GCV of imported coal of opening stock as received at station | kGab/Kg | ū | a | a |
| 29 | GCV of Imported Coal supplied as received at Station | kCal/Kg | - 0 | 0 | 0 |
| 30 | Weighted average GCV of coal/ Lignite as Received (Including biomass) | kCalrKg | 3,591.00 | 3,577.00 | 3,457,00 |
| 30.1 | Weighted average GCV of coal/ Ligaite as Received (Excluding biomass) | kCal/Kg | 3,591.00 | 3,377.00 | 3,457.00 |

| Company | NTPC Limited |
|--------------------------------|-------------------|
| Name of the generating Station | North Karanpura T |
| Month | 23-24 |

| SL | Particulars | Unit | Oct-23 # COAL-DOMESTIC | COAL-DOMESTIC | GOAL-DOMESTIC |
|--|--|-----------|--|---------------------|--|
| A) | OPENING QUANTITY | With. | adire domestic | Secret Bookes (10 | 5004 500445110 |
| 1 | Opening Stock of coal | MT | 2.04,224.10 | 2.08.315.96 | 3.03.851.15 |
| 9 | Value of Stock | Ra. | 41,25,73,680,99 | 42.64.30.232.53 | 62.16.46.407.98 |
| 8) | QUANTITY | 140. | 41,600,70,000,000 | SECURIORISM SIGN | MESTICALIPMINED |
| | Quantity of Cost /Lignite supplied by Cost / Lignite | MT | 3,11,425.43 | 4,26,920.02 | 2.68,724.52 |
| THE RESERVE AND ADDRESS OF THE PERSON NAMED IN | - City Received (Pt Head) | MT | 3,11,425.43 | 4,25,820.02 | 2.68,724.52 |
| _ | - Qty Received (Non Pit Head) | MT | 0.00 | 0.00 | 0.00 |
| | Adjustment (+/-) in quantity supplied made by Cost / | MT | 0.00 | 0.00 | 0.00 |
| 0.70 | Lighte Company | 517 | 0.50 | 0.00 | 0.00 |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | MT | 311425.43 | 426920.02 | 268724.52 |
| | | | | -11/11/22 | |
| 6 | Normative transit & Handling losses (for Coal /Lignite based projects) | MT | 622.85 | 853.84 | 537.45 |
| 6.01 | - Normative Loss (Pit Head) | MT | 0.00 | 0.00 | 0.00 |
| ACRES CONTRACTOR | - Normative Loss (Non Pit Head) | MT | 0.00 | 0.00 | 0.00 |
| | Net Coal / Lignite supplied (5 - 6) | MT | 310802.58 | 426066.18 | 268187.07 |
| C) | PRICE | | - | | - Chicago and a second |
| | Amount charged by the Coal / Lignite Company | Rs. | 59,03,51,572.88 | 80.52,79,710.75 | 51.22.51.295.27 |
| | Adjustment (+ /-) in amount charged by cost / Lignite Company | Ra. | 0.00 | 0.00 | 0.00 |
| 10 | Handling, Sampling and such other Similar charges | Rs. | 48,48,078.58 | 47,72,941.03 | 47,03,349.59 |
| 11 | Total Amount charged (8 +9+10) | Ra. | 595199651.26 | 810052651.78 | 516954844.86 |
| O) | TRANSPORTATION | | TO CHARLES THE PARTY OF THE PAR | - CANADA CONTRACTOR | PERONE AND DESCRIPTION OF THE PERONE |
| 12 | Transportation charges by Rail / Ship / Road Transport | Ra. | 4,65,04,645.12 | 6,13,94,003,31 | 3,92,42,757.05 |
| 13 | Adjustment (+/-) in amount charged by railways / transport | Rs. | 0.00 | 0.00 | 0.00 |
| 14 | Demurrage charges. If any | Rs. | 0.00 | 0.00 | 0.00 |
| 15 | Cost of dieset in transporting Cost through MGR system, if applicable | Ra. | 0.00 | 0.00 | 0.00 |
| 16 | Total transportation charges (12+)- 13 - 14 + 15) | Rs. | 48504645.12 | 61394003.31 | 39242757.05 |
| 17 E) | Total amount charged for Coal / Lignite supplied including transportation (1.1 + 16) | | 641704296.38 | 871446656.09 | 556197401.91 |
| | Landed Cost of Coal/Lignite (2+17) / (1+7) | Rs.MT | 2047.04 | 2045.89 | 2059.03 |
| | (Blending Ratio (Domestic/Imported) | 5 | 100.00 | 100.00 | 100.00 |
| 1000 | Weighted average cost of Coal /Lignite (Including | Rs.MT | 2047.04 | 2046.89 | 2059.03 |
| | biomass) | Theorem. | 2047.04 | 2040.00 | 200000 |
| 20.10 | Weighted everage cost of Coal /Lighte (Excluding biomass) | Rs.MT | 2047.04 | 2045.89 | 2059-03 |
| F) 21 | QUALITY GCV of Domestic cost of the opening cost stock as per bill of cost company | kCsl/Kg | 3908 | 397a | 4043 |
| 22 | GCV of Comestic cost supplied as per bill of cost company | kCabKg | 4026 | 4076 | 3960 |
| 23 | GCV of imported anal of the opening coal stock as per bill of coal company | kGal/Kg | .0 | 0 | .0 |
| 24 | GCV of imported coal supplied as per bill coal company | kCaliKg | D | .0 | .0 |
| 25 | Weighted average GCV of Coal /Lagnite as billed (Including biomass) | kCaliKg . | 3978 | 4043 | 4008 |
| 25.1 | Weighted average GCV of Coal /Lignite as billed (Excluding biomass) | kCal/Kg | 3978 | 4043 | 4005 |
| 26 | GCV of Domestic Goal of the opening stock as received at Station | kCal/Kg | 3457 | 3387 | 3020 |
| 27 | GCV of domestic coal supplied as received at station | kCal/Kg | 3339 | 3285 | 3294 |
| 28 | GCV of imported coal of opening stock as received at station | kGab/Kg | Ω | a | a |
| 29 | GCV of Imported Coal supplied as received at Station | kCal/Kg | . 0 | 0 | 0 |
| 30 | Weighted average GCV of coal/ Lignite as Received (Including biomass) | kCalrKg | 3,387.00 | 3,320.00 | 3,308.00 |
| 30.1 | Weighted average GCV of coal/ Lignite as Received (Excluding biomass) | kCal/Kg | 3,387.00 | 3,320.00 | 3,308.00 |

| Company | NTPC Limited | |
|--------------------------------|-------------------|--|
| Name of the generating Station | North Karanpura T | |
| Month | 23-24 | |

| SL | Particulars | Unit | Jan-24 F COAL-DOMESTIC | eb-24 W COAL-DOMESTIC | tar-24 COAL-DOMESTIC |
|--|---|---------|--|--------------------------|-------------------------|
| - | | Unit. | COME-DOMESTIC | CONL-DOMES IN | COXL-DOMESTIC |
| A) | OPENING QUANTITY | 600 | 240000 00 | 102020 17 | 204001 04 |
| -1 | Opening Stock of coal | MT | 246923.22 | 138652.17 | 221824.54 |
| _ | Value of Stock | Pla. | 508422296.81 | 275045838.97 | 446856426.51 |
| 8) | QUANTITY | NOT | 251207.00 | V04.44C 00 | 204007 10 |
| THE RESERVE AND ADDRESS OF THE PERSON NAMED IN | Quantity of Cost /Lignite supplied by Cost / Lignite | MT | 281365.68 | 461415.20 | 501035.50 |
| _ | - Qty Received (Pit Head) - Qty Received (Non Pit Head) | MT | 251365.60 | 461410.20 | 0.00 |
| | Adjustment (+/-) in quantity supplied made by Cost / | MT | 0.00 | 0.00 | 0.00 |
| | Lighte Company | | | | |
| | Coal supplied by Coal/Lignite Company (3+4) | MT | 281365.68 | 461415.20 | 501035.50 |
| 6 | Normative transit & Handling losses (for Coal /Lignite based projects) | MT | 562.73 | 822.83 | 1002:07 |
| 6.01 | - Normative Loss (Pit Head) | MT | 562.73 | 922.63 | 1002.07 |
| the state of the latest and the late | - Normative Loss (Non Pit Head) | MT | 0.00 | 0.00 | 0.00 |
| | Net Coal / Lignite supplied (5 - 6) | MT | 280802.95 | 460492.37 | 500033.43 |
| C) | PRICE | | NAME OF TAXABLE PARTY. | - | |
| | Amount charged by the Coal / Lignite Company | Rs. | 520048290.83 | 841593384.00 | 939133311.00 |
| | Adjustment (+ /-) in amount charged by cost / Lignite Company | Ra. | 0.00 | 0.00 | 0.00 |
| 10 | Handling, Sampling and such other Similar charges | Rs. | 2679186.33 | 3649814.27 | 3913121.34 |
| | Total Amount charged (8 +9+10) | Ra. | 522727477.16 | 845243198.27 | 943046432.34 |
| 0) | TRANSPORTATION | | | | |
| | Transportation charges by Rail / Ship / Road Transport | Ra. | 15706450.70 | 86663034.35 | 104950402.11 |
| | Adjustment (+/-) in amount charged by railways / transport | Rs. | 0.00 | 0.00 | 0.00 |
| | Demurrage charges. If any | Rs. | 0.00 | 0.00 | 0.00 |
| | Cost of disset in transporting Cost through MGR system, if applicable | Ra. | 0.00 | 0.00 | 0.00 |
| 18 | Total transportation charges (12+)- 13 - 14 + 15) | Rs. | 15706450.70 | 95863034-35 | 104950402.11 |
| 17 E) | Total amount charged for Coal / Lignite supplied including transportation (11 + 16) | | 538433927.86 | 931906232.62 | 1047996834.45 |
| | Landed Cost of Coal/Lignite (2+17) / (1+7) | Rs./MT | 1983.71 | 2014.46 | 2070/84 |
| | NEW TRANSPORT OF THE PROPERTY | - | The state of the s | - Harristonia - | |
| 1000 | Blending Ratio (Domestic/Imported) | % | 100.00 | 100.00 | 100.00 |
| 20 | Weighted average cost of Coal /Lignite (Including biomass) | Rs.MT | 1983.71 | 2014.46 | 2070.84 |
| 20.10 | Weighted everage cost of Coal /Lighte (Excluding biomass) | Rs./MT | 1983.71 | 2014.46 | 2070.84 |
| F) 21 | QUALITY GCV of Domestic cost of the opening soal stock as per bill of soal company | kCal/Kg | 4005 | 3983 | 3864 |
| 22 | GCV of Somestic coat supplied as per bill of coal company | kCabkg | 3984 | 3828 | 3904 |
| 23 | GCV of imported anal of the opening coal stock as per bill of coal company | kCal/Kg | 0 | ū | 0 |
| 24 | GCV of imported coal supplied as per bill coal | kGal/Kg | 0 | .0 | .0 |
| 25 | Weighted average GCV of Coal /Lignite as billed | kCat/Kg | 3983 | 3864 | 3892 |
| 25.1 | (Including biomass) Weighted average GCV of Coal /Lignite as billed (Excluding biomass) | kCal/Kg | 3983 | 3864 | 3882 |
| 26 | GCV of Domestic Goal of the opening stock as received at Station | kCal/Kg | 3308 | 3289 | 3314 |
| 27 | GCV of domestic coal supplied as received at station | kCal/Kg | 3273 | 3321 | 3476 |
| 28 | GCV of imported coal of opening stock as received at station | kGabKg | 0 | 0 | d |
| 29 | GCV of Imported Coal supplied as received at Station | kCal/Kg | 0 | 0 | 0 |
| 30 | Weighted average GCV of coal/ Lignite as Received (Including biomass) | kCalrKg | 3,289.00 | 3314 | 3426 |
| 30.1 | Weighted average GCV of coal/ Lignite as Received (Excluding biomass) | kCal/Kg | 3,289.00 | 3314 | 3426 |

| 000 | Conspany | DATES CANADO | - Jack | | | | | | | | | | 4 | um-18A |
|--------|--|--------------|---------------------|---------------|-------------|--------------|----------------|--------------|--------------|---------------|---------------|---------------|----------------|---------------|
| 2 | the generatory Station | MONTH MAINT | spara Thermal Power | V-8140E 01 | | | | | | | | | | |
| × | | 12.42 | 20.24 | | | | | | | | | | 1 | |
| S. Mo. | Maren | 5 2 | Apr.23 | May-28 100 | 120 | M123 | Aug 23 | Sep-23 | 061:33 | Maw-23 150 | Dec-23 | 126-34 | 5eb.24 Lb0 | Mar-24 LDD |
| = | CHINNE CURNITY | | | | | | | | | | | | | |
| - | Operating Stock of Ool | -907 | 4907.98 | 4855300 | 4508.48 | 4446.800 | 5742.90 | MS 225 | 3090.90 | 208.32 | 3561.42 | 39(19,04) | 4158.9T | が無対対の |
| 2 | Water of Opering 1998) | 986 | 43/195225-23 | 43880981.05 | 984 NUT 149 | 17978989.15 | 4749,112,38,15 | 111963750811 | 42p43444, 39 | 41(358002.86 | 0556550007 | 11000000 12 | 148,191,781,50 | 175335023.FL |
| i | GUARTITY | | Ī | T | | | | | | 3 | | | | |
| - | Basedly of Secretism Food coupled by | 96 | 188.91 | 0000 | 585.75 | 3857385 | 1138.81 | 979 | 488.37 | 888988 | 1845.31 | 2003.19 | SHART | 18233 |
| 1 | | 100 | 3,700 | 0000 | 45.30 | 2.000 | 70.00 | 2000 | 20.00 | 90.0 | 0000 | 2.0 | 2000 | 20.00 |
| - | Authorities I am Special in Committee | 00 | | 0000 | 836 93 | (30 7/8)) | | 1000 | | 20 500 | 1842.31 | | 346.71 | 185 52 |
| - | ut. | 00 | 80.8 | 000 | 0.00 | 0009 | 0000 | 900 | 000 | 978 | 0000 | W.E | 0000 | 0.00 |
| 6 | Not Secondary fuel / supp | 00 | 163.83 | 0000 | 278.72 | 2007-000 | 115151 | 039 | 488.37 | 3572.53 | B-G-III | 7003.13 | D/23/02 | 182.53 |
| 9 | PRICE | | | | | | | | | | | | | |
| - | Washington by the Secondary Fast! | 100 | 2047855.43 | 0000 | 4054436,33 | 140063164.04 | 12,52001099 | gra | (E30654.20 | 22.035926352 | 149014400A7 | 2232222315.83 | 354531340.00 | 10423500.50 |
| | | 930 | 90.00 | 000 | 0.00 | 1000 | 0.00 | 000 | 000 | 910 | 0000 | 0.00 | 0000 | 0.00 |
| 10 | Honding, Sampling & Such on | 0,00 | 80.0 | 0000 | 0.03 | SUCCE | 0.00 | 000 | CECU | 20.5 | 0000 | 3,50 | 0000 | 0.00 |
| = | Total Americ Charged (849-11) | ODE | 8247855.49 | 000 | 60594396.23 | 146963154.04 | 88319185.51 | 000 | 16/2006/4/20 | 378090433.54 | 14963443047 | 22322323412 | News Appeared | 2015/200.50 |
| 5 | TRANSPORMETION | | | | 350 | | | | | | | | | |
| # | Prorogentation charges by Noth/Ship/Basel | (Fig. | \$0.0 | 0000 | 0.50 | 1000 | 0.00 | DOO | 0,00 | 0.00 | 0000 | 3.00 | 000 | 0.00 |
| 2 | Adjustracyt (*)) in arment charged by | 986 | 2070 | 0000 | 11 500 | 000 | 0.00 | ord | 0.00 | 2.00 | 0000 | 0.00 | 000 | 0.00 |
| 2 | Demonstrate charges, Ithory | | 8.00 | 000 | 13.00 | 000 | 0.30 | dra | 0.40 | 2.00 | 0000 | 0.00 | (200) | 00'0 |
| 12 | Cart of dentel in prosuperfing Secondary | - | 80.8 | 000 | 0.00 | 000 | 0.00 | ggg | 00:00 | 200 | OCO | 3.00 | 000 | 0.00 |
| 9 | Total Transactation Charges (12 | - | 0.00 | 0000 | 0.00 | 0000 | 0.00 | dord | dab | 00.0 | 0000 | 0.00 | 0000 | 0.00 |
| 5 | Total amount d'edged for Secondary Paris! Aupplied including transportation (13+15) | # - | 8747855.45 | 0000 | 4654006.33 | 140063164.04 | MULDINES ST. | 000 | 46308664.60 | THEORYGINE | 1436344888.47 | 223223334 83 | 15-632240.00 | TENEDECO SO |
| 9 | | 19/31 | 30 (2008) | 88.781.01 | 25,554,8 23 | C0016/002 | 38716.95 | \$1551.Tr | S4554 YO | 83,000,08 | 0330000 | 2000033 | 83,448,91 | 8115278 |
| 2 | | | 1 00 | 1,00 | 1.00 | 1,000 | 1.50 | 300 | 1,40 | 3.00 | 1.00 | 1.00 | 1001 | 1.00 |
| 8 | Weighted Average Cast of Secondary | 10719 | #6687.00 | 88.781.02 | 85568.23 | 6837930 | 8803695 | 8874377 | 84554.70 | #3202.3# | 8888606 | 83080.43 | 8048830 | 8344238 |
| 0 | DUNITY | | | | | | | | | | | | | |
| 8 | DCV of Committe Secondary Field of the opening Secondary Fuel Mock as pair bill | (heat) | KK | W | КХ | W. | 14.8 | 765 | 18.0 | MA | m | 111 | 7997 | N.S. |
| 8 | | (Noal) | 1 | 188 | W | w | 74 | NA. | 2 | 100 | 3 | N.A. | ş | 7 |
| 8 | capacital reack as per bill Secondary Fuel County | (leaf) | | | | | | | | | | | | |
| 表 | | lical/ | | | | | 10000 | 1000 | 700 | 1000 | | | | 10000 |
| 10 | Biologitani avetage GCV | (kcal/ | N.A. | 3 | 8.6 | 25.5 | 144 | NA. | N. | 25.5 | *** | N.A. | 150 | 18.0 |
| 阿 | 60V of Domestic Secondar | lead/ | D | a | 0 | 9 | 0 | 4 | 10 | 0 | 9 | 0 | 0 | 0 |
| E | DCV of Cornectic Secondary Fails | (loat) | 6 | e | 0 | | 0 | | c | 9 | a | 0 | e | 0 |
| if R | GCV of Imported Secondary Ford of IRCV of Imported Advancedance Food of | lical/ | | | | | | | | | Ī | | | |
| 8 | Manghard average UCV of Seco. | NOW. | 1000 | 6.8(3) | 9833 | 9255 | 9206 | 100 | 9336 | 100 | 1893 | 19228 | 904 | 1929.5 |



| | Spring Spring | Break-up of Capital Cost for Now Coal/Lignite based projects Name of the Positioner | te based projects | NTPC Limbool | mkee | | | | | | | | | Person |
|---|------------------|--|----------------------------------|---|-------------|-----------|--|---|---|------------|--|--|-------------------------------------|--|
| According Acco | | e of the Generating Station | North Extrem | ers Super Therms | Prover P | x 655 MW) | | | | | | | | |
| 250.274.0 260.024 14.046.29 46.547.39 41.187.8 26.042.14 10.074.25 10.074. | 허용표 | 62.4 | As per investment Approval | Actual Capital Expenditure as on COO for Unital (Gross | | ND-AS | Actual Capital Expenditure on on COD for United (Cash | Actual Capital Expenditure as on COD for Unite? (Gross | lities/ slores r2 rded in | 3 5 | Actual Capital Expenditure as an COD for United (Cash | Projected Amount on Anticipated COD of United Street Mickli | Lubratha, Provision Technical | Answert in highs Projected Capital Caperalizate as on Antihilative (CO) of Delatipates (CO) of |
| 2.20,274.00 48,920,51 111,686.29 41,192.00 41,192.00 41,193.00 66,456.00 41,195.00 64,195.00 | - | | | Born | 4 | 0 | Beship | 0 | | ot | | 1 | | |
| 3,500.00 3,500.00 3,500.00 4,000.00 | - 22 | Cost of Land & Site Development Language | 2,30,274,11 | 36,975.31 | 1,11,846,79 | 86,547,39 | 61.182.92 | 35,990.31 | 3,08,762.30 | 5,805.6 | 08(139/60 | 21 142 142 | nechen | custin |
| 1,11,140.00 | 1 2 | Preliminary Investigation, Site leveling & Development, Enabling works | | | | | | 10 23 4 | | | * | 7,845.07 | | 7,685,00 |
| 1,215,000 5,000,000 2,00 | | Total land & Ste Development | | 36,481,82 | | 66,547.39 | 41,132.92 | 36,496.82 | 1,06,762,30 | 14401 | 44,135,60 | 1,20,818.0 | 10 | 1,18,138.47 |
| 13315.00 15,216.00 15,21 | 74 | 245 | | 4,49,735,28 | 53.971.67 | 6,426.57 | 4,02,250.18 | 7,56,251.82 | 8414630 | 12,297.78 | | 87,580.18 | 34,346,30 | 80345408 |
| 1,235.01 | 165 | Ach Oyle | 13,315,60 | 5.839.29 | 278.6d | | 5,560,28 | 9.649.73 | 377.30 | | 9,272.04 | | | |
| Section Sect | | temanant | 47,198,90 | 15,210.55 | 35.60 | | 15,101,95 | 10,135,01 | 417.41 | | 16,884.50 | 43,190.08 | | |
| 1,000 | W 160 | serage & Intoles schage aw Water Reser | SE 257.30 | 23,828.BH | | | 11,255.01 | 11,878,18 90,619,10 | | | 11,731.42 | BETACHT. | | |
| Factorins System 1,02,384.00 0.555 0.5 | | aw Woter Pump House & make onter system package | 6,300.00 | 3,861.48 | | , | 3,851,48 | 3,927,79 | 374.63 | | 3,653.16 | 4,580,00 | | 4385.00 |
| Factorial 49,827.30 125.34 125. | 46 | 3 | 3,02,284.00 | | | 7. | 20 | | | | # | | | |
| Feb. 1,100.20 2,425.50 125.34 2,303.56 2,425.50 34.75 1,10.214 5,000 | 2 | W. | 49,823.30 | 51 | | 0.55 | 1425 | | | | * | | | |
| 2,000.00 2,425.30 125.34 1,253.44 2,239.56 2,429.50 24.29 2,405.51 Extractive | 13 | - 0 | 1,190.20 | ij. | | | | 15834 | 4.65 | | 151.88 | 1,34031 | | |
| 10,000 1 | 23 | Construction Power | 2,000,00 | 2,429.80 | 125.34 | | 2,303.96 | 2,429.80 | 24.29 | | 2,405,51 | servan's | | 3,429.58 |
| Figure Flant & respective Figure Flant & respective Figure Flant & | 1 | Total Plant & Equipment including taxes & Daties (included in respective packages) | 11,11,850.50 | \$17,977.91 | 181 | | 4,67,714.05 | 8.52.155.06 | 87,211.67 | (2,257.78) | 7,67,241.17 | 30,18,463.17 | 19,198.00 | |
| Decembrated 10.852.71 | 2 | Initial Spares Included with Plant machinery packages | respective | | | | | | | | | | | |
| Included in S.1 actor | 2 2 | 1.63 | 5,847.00 | | | | 10,852,71 | 21,073.55 | | | 21,073.55 | 1 | | 8. |
| included in S.1 acco | 40 40 | Site supervision | rcluded in 5. | A A | 1 | | | | | | | | | 1 |
| Digitally signed by RAS CHATURVEDI Date: 2024. 22:04:0 Reason: AGM commerci Location: NTPC Ltd | 3 | Contraction marage | | | | 7.6 | | | SIATLERIATE CO | d.C | rcmins - | 3 | | 4 |
| | ě | SCHOOL SECTION | T CAN EAST TO THE | 9000 | | | 2 | | CHATURY CHATURY Date: 2024 Reason: AGI Location: NT | 200 | HANT 88 IST 88) | | | |

| Eres | b-up of Capital Cost for New Coal/Lignite based projects | its based projects | | | | | | | | | | | |
|--------|--|--|---|---|--------------------|---|---|--|----------------------|---|--|---|---|
| Name | Name of the Petitioner | | MTPC Limited | miked | | | | | | | | | Parts 8 |
| Nome | Name of the Generating Station | Morth Examp | ura Super Therm | Morth Examples Super Thermal Power Project (3 x 666 MW) | x GGG MW) | | | | | | | | Assessed to high |
| 対象田 | Break Down (2) | As per investment Approval | Actual Capital Expenditure in on COD for Unitit (Seess Block) | Unhilliery Prevalens Unkers Greduded is cod | IND-AS AGustmen | Actual Capital Operditure in on COD for Unital (Cash Besis) | Astron Capital Expenditure in on COD tor Unitit (Gross Block) | Liabilities/ Provations Unite? (included in col 8) | IND-AS Adjustment | Actual Capital Expenditure as on COB for Unitité (Cash Basis) | Projected America on Anticipalist COD of United Steels Blocks | Household Properties theres (Inchested Install) | Projected Capital Coperations on the Arehabates COO of Death Scate Resid |
| - | | 1 | 4 | | 雄 | 7 | | - | 10 | 11 | 12 | 11 | 7 |
| | Tetal Pre-Commissioning Expenses | 5,847.03 | 17.525.91 | Y | | 10,852,71 | 21,673.55 | | • | 21,073.35 | MSMIS | | 34,944.75 |
| 15 | Overheads | | | | | | | | | | | | + |
| 15.1 | 15.1 Establishment | 70,190,30 | 50,587.92 | | 7 | 50,587,92 | 87,103.95 | + | | 87,103.95 | 82,330.68 | | 17,130.49 |
| 15.2 | Design & Engineering. | Included in 15.3 | 10 | | | | | 74. | | An . | | | + |
| 15.3 | 15.3 Audit & Accounts | Included in 15.1 | | | 8 | | 8 | 8 | | 9 | | | |
| 15.4 (| Contingency | included in 15.1 | | | | | 200000 | | | | 1000000 | | |
| 15.5 | 15.5 Other Assets-MIDA | The Control of the Co | 0,209.46 | 307.12 | 347.98 | 6,230.11 | 7,233,99 | 305.61 | (\$13,23) | 7,359.40 | 87.125.7 | 20.6.83 | 7,030.18 |
| | Tatal Overheads | 70.198.30 | 56,857.38 | 38.75 | 36206 | 54,819.04 | 94,335.93 | 305.81 | (333,23) | 94,463,35 | 10,445.03 | NA. 21 | 26,186,18 |
| 45 | Total Capital Cost exclading IDC & PC | 14,15,946.97 | 6,72,169.82 | 1,48,924.58 | 73,332.48 | 5,75,567.71 | 10,54,061,36 | 1,96,179.78 | (66,036.09) | 5,26,917.66 | at, N., Pen ale | Label at | at many a |
| 13 | IDC, FC, FERV, Hedging Cost & WCM | | | | | | | | | | | | 0.0 |
| 17.1 | insanat During Construction (EDC) | 2,63,636.50 | 1,41,515.07 | · | | 1,41,505,97 | 2,77,500.69 | | | 2,77,580.69 | 7,000,000,000 | | 23818042 |
| 19.2 | Friencing Charges (PC) | Included to 17.1 | (101,7%) | | | (101.75) | 13,798.44 | | | (1,798.44) | CH-164-01 | | 0.555.40 |
| 17.3 | and the second | | 3,507,74 | | | 3,507,74 | 5,436,86 | | | 5,486.86 | street, | | N/db/k |
| 17.4 | Hadgery Cost | | 196796 | * | | Tuescour . | | • | | The second | | | |
| 17.5 | Working Capital Margin | 24,617,50 | | | | * | * | 7 | | + | | | |
| | Total of IDC, FC, FERV, Hedging Cost | 2,48,254.00 | 1,46,911,96 | | | 1,46,911.96 | 2,76,269,12 | 7 | | 2,76,269.12 | 3,85,878.10 | t | LANGER ID |
| 22 | Capital cost including IOC, FC, FERV, Hedging Cost & WCM | 17,54,200.97 | 8,19,041.78 | 1,48,924.58 | 73,332,48 | 7,33,479.68 | 13,30,330,47 | 1,96,179,78 | (66) 635 091 | 12,03,186.79 | 16857.38 | 12 95954.1 | 100701.68 |



Name of the Petitioner Name of the Generating Station

NTPC Ltd North Karanpura Super Thermal Power Project

Statement of Capital cost

(To be given for refevant dates and year wise)

(Amount in Rs. Lukfr)

| | | | (Amount in Rs. L. As on 31.03.2024 | 19631) |
|--------|--|--------------------|---------------------------------------|------------|
| S. No. | Particulors | Accrual Basis | Un-discharged Liabilities | Cash Basis |
| Α | n) Opening Gross Block Amount as per books | 1403721.685 | 1941.17.91 | 1209603.77 |
| | b) Amount of IDC in A(a) above | 273767,8312 | 0 | 273767.831 |
| | c) Amount of FC in A(a) above | 0 | | |
| | d) Amount of FERV in A(a) above | 5644.669491 | | 5644.66985 |
| | a) minument sick v miragi deave | 3049,003431 | - | 3044.00343 |
| | e) Amount of Hedging Cost in A(a) above | 0 | | |
| | f) Amount of IEDC in A(a) above | 87103.94576 | | 87103.9457 |
| В | a) Addition in Gross Block Amount during the | | | |
| 100 | period (Direct purchases) | | | |
| | b) Amount of IDC in B(a) above | | | |
| | c) Amount of FC in B(n) above | - | | |
| | d) Amount of FERV in B(a) above | - | | |
| | e) Amount of Hedging Cost in B(a) above | - | | |
| | f) Amount of IEOC in B(a) above | | | |
| С | a) Addition in Gross Block Amount during the | | | |
| | period (Transferred from CWIP) | 4 | | |
| | b) Amount of IDC in C(a) above | 4 | | |
| | d) Amount of FC in C(a) above d) Amount of FERV in C(a) above | 4 | | |
| | e) Amount of Hedging Cost in C(a) above | - | | |
| | f) Amount of IEDC in C(a) above | - | | |
| | TO STEMBER OF SECOND STOCKED INCOME. | To be submitted at | the time of TRUE | LID |
| D | a) Deletion in Gress Block Amount during the period | To be submitted at | the time of Trees. | |
| | 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 | 4 | | |
| | | | | |
| 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 | 4 | | |
| | d) Amount of FERV in E(a) above | | | |
| | e) Amount of Hedging Cost in E(a) above | | | |
| | f) Amount of IEDC in E(a) above | | | |
| | | | | |

(Petitioner)

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CHATURVEDI
co.in>.

Name of the Petitioner Name of the Generating Station

NTPC Ltd North Karampura Super Thermal Power Project

Statement of Capital Woks in Progress

(Amount in Rs. Lakk)

| | | | As on 31.03.24 | |
|--------|--|---------------|--------------------------------|------------|
| S, No. | Particulars | Accrual Basis | Un-discharged Liabilities | Cash Basis |
| A | a) Opening CWIP as per books | 373627.0573 | 31182.3108 | 342444.746 |
| | b) Amount of IDC in A(a) above | 77081.8342R | 0 | 77081.8342 |
| | c) Amount of FC in A(a) above | 0 | 0 | |
| | d) Amount of FERV in A(a) above | 1660.718763 | 0 | 1660,71876 |
| | e) Amount of Hedging Cost in A(a) above | 0 | 0 | |
| | f) Amount of IEDC in A(a) above | 29654.14985 | 0- | 29654.1498 |
| В | a) Addition in CWIP during the period | | | |
| | b) Amount of IDC in B(a) above | | | |
| | c) Amount of FC in B(a) above | | | |
| | d) Amount of FERV in B(a) above | | | |
| | e) Amount of Hedging Cost in B(a) above | | | |
| _ | f) Amount of IEDC in B(a) above | | | |
| 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 | | To be submitted at the time of | TRUE UP |
| | b) Amount of IDC in D(a) above | | | |
| | e) 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 | | | |
| | SECTION STORES OF THE PROPERTY | | | |

Document certified by PRASHANT

CHATURVEDI <pchaturvedios@ntpc.co.in>.
(Petitioner)

Digitally signed by PRASHANT
CHATURVEDI
Date: 2024. 1 30 22:04:08 IST

Reason: AGM (commercial)
Location: NTPC Ltd

| ame of th | Name of the Company: | N.T.D. I transferred | | | | | | |
|-----------|--|---|----------------|------------------------------------|------------------------------------|--------------|--------------|--------------------|
| ame of th | | CARL C. LIMITED | | | | | | |
| | Name of the Power Station : | North Karanpura Super Thermal Power Project | ra Super Therr | nal Power Proj | ect | | | |
| | | | | | | | (Amon | Amount in Rs Lakh) |
| S. No. | Particulars | Existing 2023-24 | 2024-25 | 2025-26 (01.04.25- 30.04.25) | 2025-26 (01.05.25- 31.03.26) | 2026-27 | 2027-28 | 2028-29 |
| - | | ÷ | + | 82 | 9 | - | so | 6 |
| 1 | Gross Normative Ioan - Opening | 8,53,958,15 | 8,35,639,08 | 8,56,834,68 | 10,65,226,16 | 11,50,424,56 | 11,89,544,06 | 11,91,294,06 |
| 2 6 | Cumulative repayment of Normative loan up to previous year | 37,214.80 | 39,061.35 | 98,630.97 | 1,03,530.81 | 1,74,269.03 | 2,55,666.51 | 3,38,485.67 |
| 3 | Net Normative loan - Opening | 8,16,743,35 | 8,16,577,73 | 7,58,203.71 | 9,61,695,35 | 9,76,155,53 | 9,33,877.55 | 8,52,808,39 |
| 4 | Add: Increase due to addition during the year / period | 339.29 | 1,195.60 | 98.00 | 85,198.40 | 39,119,50 | 1,750,00 | |
| \$ Y | Less: Decrease due to de-capitalisation during the year / period | 102.70 | 000 | 00'0 | 0000 | 00.00 | 00'0 | 0.00 |
| 9 | Less: Decrease due to reversal during the year/ period | | | | | | | |
| 7 6 | Add: Increuse due to discharges during the year? period | 1443.31 | 00.00 | 0.00 | 000 | 00'0 | 00.00 | 0.00 |
| 8 8 | Net addition in loan during the period (4+5+6+7) | 1885.30 | 09'\$611 | 00'86 | 85198.40 | 39119.50 | 1750.00 | 00'0 |
| 9 E | ess: Repayment of Loan | 1948.22 | 59,569,62 | 4,899.83 | 70,738,23 | 81,397,48 | 82,819.15 | 82,880,03 |
| 10 R | Repayment adjustment on account of de capitalisation | 101.67 | | | N 10000000 | | | |
| 11 d | Repayment adjustment on account of discharges/reversals corresponding to un discharged liabilities deducted as on 1,4,2009 | | | | | | | |
| 12 N | Net Normative Ioan - Closing | 8,16,578,76 | 7,58,203,71 | 7,53,401.88 | 9,76,155,53 | 9,33,877,55 | 8,52,808,39 | 7,69,928,36 |
| 13 A | Average Normative loan | 8,16,661.06 | 7,87,390,72 | 7,55,802.79 | 9,68,925,44 | 9,55,016.54 | 8,93,342.97 | 8,11,368,38 |
| 14 0 | Weighted average rate of interest | 6.2106 | 6.1896% | 6.1864% | 6.1795% | 6.3371% | 6.68569% | 6.9586% |
| 15 1 | Interest on Loan | 50719,55 | 48736.34 | 46756.98 | 59874.75 | 60520.35 | 59725.34 | 56459.88 |

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Digitally signed by PRASHANT
CHATURVEDI
Date: 2024.180 22:04:08 IST
Reason: AGM. commercial)
Location: NTPC Ltd

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| Name of the Power Station : NTPC Limited Amount Instituted | | | | | | | | | |
|--|-------|---------------------------------|---------------------|----------|------------------------------------|------------------------------------|-----------|------------|-------------|
| North Karanpura Super Thermal Power Project | Vame | of the Company: | Ph. 10. 10. 10. | P | | | | | |
| Existing 2024-25 2025-26 2025-26 2025-26 30.04.25 31.03.26 31.03.26 34.943.60 15239.11 15239.11 22858.67 2 | Vame | of the Power Station: | | Super | hermal Power | Project | | | |
| Particulars Existing 2024-25 2025-26 2025-26 2026-27 2026-27 2027-28 2028-29 2 3 4 5 6 7 8 9 Cost of Coal/Lignite 34,943.60 15239.11 15239.11 22858.67 2285 | | | | | | | | (Amount | in Rs Lakh) |
| 2 3 4 5 6 7 8 9 Cost of Coal/Lignite 34,943.60 15239.11 15239.11 22858.67 2285.27 2888.27.83 4725.02 6654.77 68972.25 70265.30 69855.2 27265.30 68855.2 17900 11.9000 11.9000 11.9000 11.9000 11. | S. No | | Existing 2023-24 | 2024-25 | 2025-26 (01.04.25- 30.04.25) | 2025-26 (01.05.25- 31.03.26) | 2026-27 | 2027-28 | 2028-29 |
| Cost of Coal/Lignite 34,943.60 15239.11 15239.11 22858.67 2085.28 1034.11 | 1 | 2 | 3 | 7 | \$ | 9 | 7 | 8 | 6 |
| Cost of Limestone 696.26 696.27 7250.19 770.62 770.62 | - | Cost of Coal/Lignite | | 15239.11 | 15239,11 | 22858.67 | 22858.67 | 22858.67 | 22858.67 |
| Cost of Main Secondary Fuel Oil 355.33 689.43 689.43 1034.15 1034.15 1036.98 1034.1 Fuel Cost Fuel Cost 1,818.28 4053.80 4916.63 6492.12 7250.19 7976.92 7888.6 O & M Expenses 4,363.86 9729.12 11799.92 15581.08 17400.46 19144.61 18932.7 Receivables 47,346.77 46621.33 47725.02 66547.72 68972.25 70265.30 69855.2 Total Working Capital 12,000 11,9000 | 4 | Cost of Limestone | | | | 696.26 | 696.26 | 696.26 | 696.26 |
| Fuel Cost Liquid Fuel Stock 4053.80 4916.63 6492.12 7250.19 7976.92 O & M Expenses 1,818.28 4053.80 4916.63 6492.12 7250.19 7976.92 Maintenance Spares 4,363.86 9729.12 11799.92 15581.08 17400.46 19144.61 Receivables 47,346.77 46621.33 47725.02 66547.72 68972.25 70265.30 Total Working Capital 12.0000 11.9000 11.9000 11.9000 11.9000 11.9000 11.9000 Interest on Working Capital 10659.34 9083.60 9564.04 13471.99 14607.22 14515.47 | 2 | Cost of Main Secondary Fuel Oil | 355.33 | 689.43 | 689.43 | | 1034.15 | 1036.98 | |
| Liquid Fuel Stock 1,818.28 4053.80 4916.63 6492.12 7250.19 7976.92 O & M Expenses 4,363.86 9729.12 11799.92 15581.08 17400.46 19144.61 Maintenance Spares 4,363.86 9729.12 11799.92 15581.08 17400.46 19144.61 Receivables 47,346.77 46621.33 47725.02 66547.72 68972.25 70265.30 Total Working Capital 12,000 11,900 11,900 11,900 11,900 11,900 11,900 Interest on Working Capital 10659.34 9083.60 9564.04 13471.99 14667.22 14515.47 | 17 | Fuel Cost | | | | | | 1 2 | E |
| O & M Expenses 1,818.28 4053.80 4916.63 6492.12 7250.19 7976.92 Maintenance Spares 4,363.86 9729.12 11799.92 15581.08 17400.46 19144.61 Receivables 47,346.77 46621.33 47725.02 66547.72 68972.25 70265.30 Total Working Capital 12,0000 11,9000 11,9000 11,9000 11,9000 11,9000 Interest on Working Capital 10659.34 9083.60 9564.04 13471.99 14667.22 14515.47 | 4 | Liquid Fuel Stock | | | | | | | |
| Maintenance Spares 4,363.86 9729.12 11799.92 15581.08 17400.46 19144.61 Receivables 47,346.77 46621.33 47725.02 66547.72 68972.25 70265.30 Total Working Capital 12,0000 11,9000 | 3 | O & M Expenses | 1,818.28 | 4053.80 | 4916.63 | | 7250.19 | 7976.92 | 7888.65 |
| Receivables 47,346.77 46621.33 47725.02 66547.72 68972.25 70265.30 Total Working Capital 12,000 11,900 11, | 9 | Maintenance Spares | 4,363.86 | 9729.12 | 11799.92 | | 17400.46 | 19144.61 | 18932.75 |
| Total Working Capital 88827.83 76332.79 80370.12 113209.99 118211.97 121978.74 1 Rate of Interest on Working Capital 10659.34 9083.60 9564.04 13471.99 14067.22 14515.47 | 7 | Receivables | 47,346.77 | 46621.33 | 47725.02 | | 68972.25 | 70265.30 | 69855.27 |
| Rate of Interest 12.0000 11.9000 11.9000 11.9000 11.9000 11.9000 Interest on Working Capital 10659.34 9083.60 9564.04 13471.99 14067.22 14515.47 | 200 | Total Working Capital | 88827.83 | 76332.79 | 80370.12 | Sec. 27.1 | 118211.97 | | 121265.74 |
| Interest on Working Capital 10659,34 9083.60 9564.04 13471.99 14067.22 14515.47 | 6 | Rate of Interest | 12,0000 | 11.9000 | 11.9000 | 11,9000 | 11,9000 | | 11,9000 |
| | 10 | Interest on Working Capital | 10659,34 | 9083.60 | 9564.04 | 13471.99 | 14067.22 | 14515,47 | 14430.62 |
| | | | | | | | | Petitioner | oner |



| Number of the Computation of Energy Charges Number of Energy Charges Number of the Power Project Number of the Power Strining of the Power Strinin | North Kirzupiera Saper Thermal Posser Project 2024-28 2025-26 3405-27 3405-2 | Number of Streets Numb | | | | J | Computation of Energy Charges | n | | | | | ADDITE | NAVI FORM |
|---|--|--|--------|----------------------------------|------------------------|----------------|-------------------------------|------------------|----------------|------------------------------------|------------------------------------|----------|-----------|--|
| North Karangara Saper Plearmal Power Project 2024-25 2024-25 2016-02-26 2025 | North Karaspara Saper Thermal Power Project 2024-28 0.044.25 0.046.25 2024-28 2024-2 | North Karangern Septer Thermal Power Preject 2024-25 | Name o | Cthe Company | NTPC | Limited | | | | | | | | The state of the s |
| Computation of Eastry Charges State of Energy Energy State of Energy Energy State of Energy Energy State of Energy Charges State of Energy Energy | Comparistion of Tenegy Charges Comparison of Tenegy Charge | Computation of Every Charges September 2014-28 September 2014-28 September 2014-29 September 2014-29 September 2014 September 2014-29 September 2014-2 | Name o | fithe Power Station | North | Karanpara Sape | r Thermal Power Project | | | | | | | |
| Computation of Energy Charges Sec Ottocompution of Energy Charges (Sec Ottocomputation of Energy Charges (Sec Ottocomputation of Energy Charge | Each of Energy Charge from Section | Complete time of Europy Charges Sec Fig. | | | | | | | 2024-25 | 2025-26 (01.04.25- 30.04.25) | 2025-26 (01.05.25- 31.03.26) | 2026-27 | 2927-28 | 2628-29 |
| Computation of Energy Charge Room Sec Discounty Charge Charge Room Charge Ro | Consequence | Computation of Europy Chapter Auditory Chapter Total Ch | | | | | No of Days in the year | Days | 365 | 365 | 365 | 365 | 366 | 363 |
| See Fuel Old Machine Comparison from Sec Fuel Old Machine Comparison of Variable Change (Cod) picksh 2337 56 | See Find OM Alternate Find Co., K.P., | See Fine Qu' Albertante france Company C | | Computation of l | Snergy Charges | | Sp. Oil consumption | mtRwh | 0.5 | 0.5 | | 0.3 | 0.5 | 0.5 |
| Heat Recombinate from SEO, A 2009 Computation of Yorkshith Charge (Ching (Chin | See of Energy Chings From 100,4 KP, 4,309 Cromptorizing of Variable Charges (Sul) pixth 150,912 150,91 | Construction of Energy Charge Plant See, N.P. | | | | | Auxiliary consumption | - % | 6.250 | 6.250 | 6,250 | 6.250 | 6.250 | 6.250 |
| See Find Child Alternate Find = [O _{4,k} X p, 4,209 Computation of Viviethir Changes (Coul) pivolit 150.912 | Sec Fuel City Absenter Fuel 190, K.P. 4.509 Computation of Variable Clarage (Cod) Packed 1459 14450 14 | Sec Hull OM Alexanise Fluid = 10 A, K F _p 4.209 Continuation from SFO Paralle Computation of Transfer Charge (Cod) Paralle Charge (Cod) 150 912 150 91 | | e of Energy Charge from | | | Heat Rate | KcaliKuti | 2,337,56 | 2,337.56 | 337 | 2,337,56 | 2,337,56 | 2337,561798 |
| Heat Contribution from SFO | Figure Contribution from STO | Heat Commission from SFO | Spx | Fuel Oal' Alternate Fuel | = (C,L, X.P., | 4209 | Computation of Variable C | harges | | | Second Division | | altroct. | |
| Heat Contribution from SFO | Heat Contribution from SFO | Heat Contribution from SFO | (by) | | | | Variable Change (Coal) | physik | 150.912 | 150.912 | 150.912 | 150.912 | 150.912 | 150.912 |
| Heat Contribution from SPO | Heat Coumbains from STO | Heat Coumbulate from \$FO | | | | | Variable Charge (Oit) | private | 4.489 | 4.489 | 4,489 | 4489 | 4,489 | 4.489 |
| Heat Combitation from SFO | Heat Coumbitation from SFO | Heat Coumbine from SFO | | | | | Variable Charge (FGD) | pkeh | | | | 5,392 | | 3,392 |
| Alternate Field Ordinary Desice of facet from Fores-18/18.4/16.4/1 Read Count-burious from coal Ordinary Construction Construct | Albertance Facet Phys. Conf. Cont. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. Conf. | Abternate Fluck | | at Contribution from SHO | * (Ox1, X (GCV), | 4.658 | Total | petenti | 155,401 | 155 401 | 160,794 | 160 794 | 160.794 | 160 784 |
| Hear Counthurion from coal P44, = GeHe. H ₁ 2332.90 Oil Cost | Heat Coambairon from coal 94, | Fact Countbution from coal P4, = CPHC + H, 2332.90 Coal Cost | (4 | | ACCOMMANDED AND ACCOMM | | Dates of fuel from Dones, 15 | 1000100 | | | | | | |
| Heat Countbutient from coal P44, | Heat Coumbinion from coal P4, -Corie-4, 2332-90 Coin Cost | Heat Coumbution from coal Pul, -CHP, th, 2332-90 Circ Cost (Rs.ALT) SA173-42 S4173-42 | | | | | Cost Cost | (BeANT) | 3037 18 | | 2027 188 | 2017 18 | 3637 183 | 301718 |
| Specific Primary Fuel Copy, = H_J (GCV), 0.694 Computation of Pael Expenses for Calculation of INC: Specific Primary Fuel (Gop), = H_J (GCV), 0.694 Computation of Pael Expenses for Calculation of INC: SCO in a year Cost of Cold for 2 months Cost of Cost of Cold for 2 months Cost of Cost | Specific Primary Field Coph. = H_J (GCV), 0.694 Computation of Field Expenses for Calculation of FWC. GCNs of Construction of GCNs of Construction of GCNs of Construction of GCNs of Construction of GCNs of GC | Specific Primary Fuel Costs E.S.O. in a year Constitutation of Fuel Expenses for Calculation of Fuel Expenses for East 15229 11 15229 11 15229 11 15229 11 15239 12 15329 12 15329 13 15329 13 15329 14 153 | | (M) | | 2332.90 | Oil Cost | (Rs/KL) | 84173 42 | | 12 | 8417342 | 84173.42 | 84173 42 |
| Specific Primary Fact Construction of Fact Camputation of Fact Calculation of Fact <td>Specific Primary Fuel Consumption Consumption Consumption Constraint (AUS) Constraint (AUS)</td> <td>Specific Primary Field (269), (260), (2</td> <td></td> <td>at a contribution from food . P.</td> <td></td> <td></td> <td>Limestone Cost</td> <td>(Rs/MT)</td> <td></td> <td></td> <td>70</td> <td>3082.30</td> <td>3082.50</td> <td>3082.50</td> | Specific Primary Fuel Consumption Consumption Consumption Constraint (AUS) | Specific Primary Field (269), (260), (2 | | at a contribution from food . P. | | | Limestone Cost | (Rs/MT) | | | 70 | 3082.30 | 3082.50 | 3082.50 |
| Consemption teach (MUS) 921443 921443 1382164 1382164 13829.51 1 1514709 1514700 151470 151470 151470 151470 151470 151470 151470 151470 15147 | FSO for all days FSO for all | Section a year Construction Co | + Sp | | | 1690 | Computation of Fuel Exper | uses for Caleur | Sation of IWC: | | | | | |
| Hate of Energy charge from page, Hat Hat Cost of earl for 40 Days (Rs. Lakh) 15239 1 15239 1 15239 1 1034 15 1034 13 13 13 13 13 13 13 | 141480 Cost of conf for 40 Days (Rs. Lakh) 15239 1 1 1 1 1 1 1 1 1 | Hake of Energy charge from page; 141.489; Cost of Conf. for Art. 141.489; Cost of Cost of Secondary fuel 141.489; | Co | | | | ESO in a year | (MDS) | 9214,43 | 9214.43 | 13821.64 | 13821.64 | 3859.5 | 13821.64 |
| Hatte of Energy charge from (REC), Hatte of Energy Cost of for 2 months (Rs. Lakh) 15239 11 122858.67 22858.6 | Harte of Energy charge from (pEC), Hall AND Cost of online 2 months (Rs. Lakh) 15239 1 5239 1 22858.67 | Rate of Energy charge from piece, principle (No. 1 of 20) Days (Re. 1akh) 15239 11 1529 86 7 22858 67 2858 67 2858 | | | | | ESO for 40 days | OMUS | 1009.800 | 1009/800 | 1514,780 | 1514.70 | 1514 70 | 1514 700 |
| Primary Fuel (pNoh) Cost of oil for 2 months (Rs. Lakh) 689.43 689.43 1034.15 1034.15 1036.98 Rate of Energy charge excepted; 155.401 Energy Expenses for 45 days (Rs. Lakh) 17653.09 17653.09 27399.88 27399.88 27399.88 Rate of Energy charge excepted; 164.40X) 165.401 Wid. Avg. Cond. Wid. Avg. Price of Coal Rs. Lakh) Wid. Avg. 17653.09 1759.08 27399.88 273 | Primary Fact (pikodr) Cost of Oil for 2 months Cite Lakh) 17653 09 17651 09 27300 88 | Primary Fact (price) | | e of Energy charge from cage | | 141 480 | Cost of coal for 40 Days | (Rs. Lakh) | 15239.11 | 15239 11 | 22858.67 | 22858.67 | 22858.67 | 22858.67 |
| Faste of Energy Charge Copies 155.401 156.51 op 176.51 op 27399.88 27399.89 27399.89 27399.89 27399.89 27399.89 27399.89 27399.89 27399.89 27399.89 27399.89 27399.89 27399.89 27399.89 27399.89 27399.89 27399.89 27399.89 | Rate of Energy charge Crystoch, a (REC), a | Face of Energy Charge Co. 155.401 155.5101 155.5101 155.401 155.5101 155.5 | Pri | mary Feel (p/k/a/h) | 4/ | | Cost of oil for 2 months | (Rs | 689.43 | | 1034.15 | 1034-15 | 1036.98 | 1034.15 |
| Rate of Energy charge <= (PREC), * | Rate of Energy charge CC-(NEC), 4 (NEC), 155.401 In 2023-24 Not Avg. GCV of Coal as received With Avg. GCV of Coal as received With Avg. GCV of Secondary Fuel Sec. Oil With Avg. GCV of Secondary Fuel With Avg. GCV of Secondary Fuel RankI. 8 With Avg. GCV of Secondary Fuel RankI. 8 With Avg. GCV of Secondary Fuel RankI. 8 | Rate of Energy charge extends the SECT, 185.401 Introduction of Coal Wind Avg. Price of Coal Wind Avg. GCV of Coal as received after adjustment of 85 kealing Sec. On Wind Avg. GCV of Secondary Fuel Rayking Sec. On Wind Avg. GCV of Secondary Fuel | 1000 | | | | Energy Expenses for 45 days | (Rs | 17653.99 | 17653 | 27399.88 | 27399.88 | 27399 88 | 27399.88 |
| For 1023-24 Cost With Avg. Price of Cost With Avg. GCV of Cost as received after adjustement of 85 krabbg Sec. Oil With Avg. GCV of Secondary Fuel With Avg. GCV of Secondary Fuel With Avg. GCV of Secondary Fuel RayKL 8 | The 2023-24 Coal With Avg. Price of Coal as received Well Avg. GCV of Coal as received after adjustement of 85 keal/kg. Sec. Oil With Avg. GCV of Secondary Fuel RawKL 8 | The 2003-24 Coal Wild Avg. Price of Coal Wild. Avg. GCV of Coal as received Wild. Avg. GCV of Coal as received Sec. Oil Wild. Avg. GCV of Secondary Fuel Scaling of | | te of Energy charge extended |) = ((REC), + (REC), | 155 401 | | | | | | | | |
| Wid. Avg. CCV of Coal as received Wid. Avg. GCV of Coal as received Wid. Avg. GCV of Secondary Fuel | Wid. Avg. GCV of Coal as received Wid. Avg. GCV of Coal as received after adjustement of 85 kval/kg Sec. Oil Wid. Avg. Price of Secondary Fuel Wid. Avg. GCV of Secondary Fuel Wid. Avg. GCV of Secondary Fuel Wid. Avg. GCV of Secondary Fuel | Wild Avg Price of Coal Wild Avg GCV of Coal as received Wild Avg GCV of Coal as received after adjustement of 85 kyaling Sec. Oil Wild Avg Price of Secondary Fuel Wild Avg GCV of Secondary Fuel Wild Avg GCV of Secondary Fuel | | The market | 1(1-¢ALIX)) | - for 1013-24 | Cust | | | | | | Wind Ago. | |
| KCMKg RVKL 8 | RWKL 8 | RWKL 84 SCAR 9 | | | | | | 4 | Coal | | | REAMT | 2037.18 | |
| RWKL 8 | Rukt. 8 | RWKL 84 | | | | | Wid Avg | a GCV of Coal | as received | | | kthafKg | 3444.17 | |
| RuKL 84173 8Csff. 9315 | RuKL 84173 8Csff. 9315 | Rukt 84 | | | | | Wid. Avg. GCV of Coal as | received after | adjustement of | 85 healing | | | 3359,17 | |
| RuKL 84173 8Cstft 9315 | RuKL 84173 | SCAA, 94 | | | | | Sec. Oil | | | | | | | |
| Avg. GCV of Seemdary Fixel 9315 | Avg. GCV of Secondary Fixel. 9315 | Avg. GCV of Secondary Fixel. 9 | | | | | Wid Av | g. Price of Seco | endary Fuel | | | RuKL | 84173,42 | |
| | | BELLINONER | | | | | | I GCV of Sect | indary Fixel | | | SCAIR. | 9315,58 | |

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Location: NTPC Ltd

| | Computat | ion of Supplen | nenatry ECR an | d IOWC corresp | onding to FGD | | |
|--|---|----------------|------------------------------------|------------------------------------|---------------|----------|------------|
| Particular | Unit | 2024-25 | 2025-26 (01.04.25- 30.04.25) | 2025-26 (01.05.25- 31.03.26) | 2026-27 | 2027-28 | 2026-29 |
| No. of days | days | 365.00 | 385.00 | 385.00 | 365.00 | 388.90 | 385.00 |
| FGO Capacity ODe achieved | MW | 3007.004 | -3000,00 | 1980 | 1960 | 1980 | 1980 |
| CVPF | kCal/Kg | 3359.17 | 3359.17 | 3358.17 | 3359.17 | 3359.17 | 3359,17 |
| CVSF | kCal/Life | 9310.58 | 8315.58 | 9315.50 | 9315.58 | 9315.58 | 9315.08 |
| LPPF | RSMT | 2037.18 | 2037.18 | 2037.18 | 2037.18 | 2037.18 | 2037.18 |
| LPSF | RISHCL | 84173.42 | 84173.42 | 84173.42 | 84173.42 | 84173.42 | 84173.42 |
| AUX-Norm | 76 | 6.25 | 6.25 | 5.25 | 6.25 | 6.25 | 6.25 |
| GHR-Norm | xGal/kWm | 2,337.56 | 2,337.56 | 2,337.56 | 2,337.56 | 2.337.56 | 2,337.56 |
| SFC-Norm | LibertWh | 0.0006 | 0.0005 | 0.0006 | 0.0005 | 0.0005 | 0.0005 |
| ECR | Residen | 1.554 | 1.554 | 1.554 | 1.554 | 1.554 | 1.554 |
| AUX for DESOX(Norm) | % | 1,554 | 1,334 | 1.334 | 1.334 | 1.564 | 1,305 |
| NEW AUX-NORM | % | 7.25 | 7.25 | 7.25 | 7:25 | 7.25 | 7.25 |
| NEW GHR-NORM | eCat/eV/h | 2,337.58 | 2,337.56 | 2,337.56 | 2,337.56 | 2,337.56 | 2,337.56 |
| NEW-SFC-NORM | Litre/kWh | 0.0005 | 0,0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| NEW ECR | Reswith | 1,571 | 1.571 | 1,571 | 1.571 | 1,571 | 1.571 |
| Delta ECR | RaikWh | 9.017 | 0.016755 | 0.016755 | 0.017 | 0.017 | 0.017 |
| MERICAND. | CONTRACT | 5000 | WALKING. | 9,0,107,99 | 10,00,00 | Water | M.0F.33 |
| Design SD2 removal efficiency | % | 96.997 | 96.997 | 96.997 | 96.997 | 96.997 | 96,997 |
| Landed price of reagent | RSMT | 3082,50 | 3082.50 | 3082.50 | 3082.50 | 3082.50 | 3082.50 |
| K(FGD Constant) | number | 35,57 | 35.57 | 35.57 | 35.57 | 35.57 | 35.57 |
| SHR Station Heat rate | ACAUNWIN | 2,337.56 | 2,337.56 | 2,337.56 | 2,337.56 | 2,337.96 | 2,337.58 |
| 8-Sulphur Content | N. | 0.42 | 0.42 | 0.42 | 0.42 | 0.42 | 0.42 |
| CWPF | kCal/Kg | 3359.17 | 3359.17 | 3359.17 | 3350.17 | 3359.17 | 3359.17 |
| LP-Lime stone purity | % | 79.00 | 79.00 | 79.00 | 79.00 | 79.00 | 79.00 |
| Specific Regent consumption 'SRC' =(K x SHR x S /CVPF) x /#50 P) | gm/ki//h | 11,15 | 11,18 | 11.18 | 11.18 | 11.18 | 11.18 |
| ECR (corresponding to reagent consumption) | Rs/kWh | 0.03706 | 0.03717 | 0.03717 | 0.037 | 0.037 | 0.037 |
| Supplementary ECR | RatkWills | 0.05 | 0.0539248 | 0.0539248 | 0.65 | 0.05 | 0.05 |
| ESO in the period | MUs | 0.00 | 0.00 | 13674.21 | 13874.25 | 13711 67 | 13674.21 |
| | DATE OF THE PARTY | 2002 | | | | | (MAR PAR) |
| Cost of limestone in the period Supplementary Energy | Rs Laith | 0.00 | 0.00 | 5082.69 | 5082.69 | 5096.62 | 5082.69 |
| Expenses in the period | Fos Lands | 0.00 | 0.00 | 7373.79 | 7373.79 | 7393.99 | 7373.79 |
| Total cost of liminatone for 50 day | Fos Lawb | 0.00 | 0.00 | 696.26 | 696.26 | 696.26 | 696.26 |
| Total Supplementary Energy Exp | Section and the section of | 0.00 | 0.00 | 909.10 | 909.10 | 909.10 | 909.10 |

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Summary of issue involved in the petition

| Name of the Company : | | NTPC Limited |
|-----------------------|--|--|
| ame o | f the Power Station : | North Karanpura Super Thermal Power Project |
| 1 | Petitioner: | NTPC Limited |
| 2 | Subject | Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for approval of tariff of North Karanpura Super Thermal Power Project, Stage-I (3 X 660 MW) for the period from 01.04.2024 to 31.03.2029. |
| 12 | tariff period 01.04.2024 to ii) Allow the recovery of from the beneficiaries. iii) Allow reimburseme | of North Karanpura Super Thermal Power Project, Stage-I (3 X 660 MW) for the 31.03.2029. If filing fees as & when paid to the Hon'ble Commission and publication expensent of Ash Transportation Charges directly from the beneficiaries on monthly |
| 3 | v)Consider Project heat re | pay/wage revision as additional O&M over and above the normative O&M. ate based on design heat rate with applicable operating margin. s it may deem fit in the circumstances mentioned above. |
| 4 | iv)Allow the recovery of v)Consider Project heat re vi)Pass any other order a | ate based on design heat rate with applicable operating margin. s it may deem fit in the circumstances mentioned above. |
| 4 | iv)Allow the recovery of v)Consider Project heat re vi)Pass any other order at Respondents: As p | ate based on design heat rate with applicable operating margin. |
| 4 | iv)Allow the recovery of v)Consider Project heat re vi)Pass any other order a | ate based on design heat rate with applicable operating margin. s it may deem fit in the circumstances mentioned above. |
| 4 | iv)Allow the recovery of v)Consider Project heat re vi)Pass any other order at Respondents: As p | ate based on design heat rate with applicable operating margin. s it may deem fit in the circumstances mentioned above. |
| 4 | iv)Allow the recovery of v)Consider Project heat re vi)Pass any other order at Respondents: As p | ate based on design heat rate with applicable operating margin. s it may deem fit in the circumstances mentioned above. |
| 4 | iv)Allow the recovery of v)Consider Project heat re vi)Pass any other order at Respondents: As p | ate based on design heat rate with applicable operating margin. s it may deem fit in the circumstances mentioned above. |
| 4 | iv)Allow the recovery of v)Consider Project heat revi)Pass any other order at Respondents: Respondents: As p Name of Respondents a. b. | ate based on design heat rate with applicable operating margin. s it may deem fit in the circumstances mentioned above. |
| 4 | iv)Allow the recovery of v)Consider Project heat revi)Pass any other order at Respondents: Respondents: As p Name of Respondents a. b. c. Project Scope | ate based on design heat rate with applicable operating margin. s it may deem fit in the circumstances mentioned above. per Petition |
| 4 | iv)Allow the recovery of v)Consider Project heat revi)Pass any other order at Name of Respondents a. b. c. Project Scope Cost | As per Form-1(i) O1.3.2023, 20.03.2024 |
| 4 | iv)Allow the recovery of v)Consider Project heat revi)Pass any other order at Respondents: Respondents: As p Name of Respondents a. b. c. Project Scope Cost Commissioning | ate based on design heat rate with applicable operating margin. s it may deem fit in the circumstances mentioned above. per Petition As per Form-1(i) |
| 4 | iv)Allow the recovery of v)Consider Project heat revi)Pass any other order at Name of Respondents a. b. c. Project Scope Cost Commissioning Claim | As per Form-1(i) O1.3.2023, 20.03.2024 |
| 4 | iv)Allow the recovery of v)Consider Project heat revi)Pass any other order at Name of Respondents a. b. c. Project Scope Cost Commissioning Claim AFC | As per Form-1(i) As per Form-1 As per Form-1 |
| 4 | iv)Allow the recovery of v)Consider Project heat revi)Pass any other order at Respondents: As page 12. Respondents: As page 12. Respondents: As page 12. Name of Respondents as | As per Form-1(i) As per Form-1 As per Form-1 |

File No.CEA-CH-13-12/4/2021-IT Division

ANNEXURE-A



आरत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
सूचना प्रौद्योगिकी एवं साइबर सुरक्षा प्रभाग
Information Technology & Cyber Security Division

विषय : CEA (Cyber Security in Power Sector) Guidelines, 2021.

CEA is mandated to prepare 'Guidelines on Cyber Security' in Power Sector under the provision of regulation (10) of the Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019. Guidelines on Cyber Security in Power Sector incorporating the cardinal principles has been prepared by CEA. In compliance to the provision of the above regulation, CEA (Cyber Security in Power Sector) Guidelines, 2021 are issued for compliance by all entities listed in the clause 2.3 (Applicability of the Guidelines) of the guidelines.

Encl: Guidelines on Cyber Security

(V.K Mishra) Secretary CEA

Location: NTPC Ltd

CEA (Cyber Security in Power Sector) Guidelines, 2021

1.0 Background

- 1.1 Cyber intrusion attempts and Cyber-attacks in any critical sector are carried out with a malicious intent. In Power Sector it's either to compromise the Power Supply System or to render the grid operation in-secure. Any such compromise, may result in maloperations of equipments, equipment damages or even in a cascading grid brownout/blackout. The much hyped air gap myth between IT and OT Systems now stands shattered. The artificial air gap created by deploying firewalls between any IT and OT System can be jumped by any insider or an outsider through social engineering. Cyber-attacks are staged through tactics & techniques of Initial Access, Execution, Persistence, Privilege Escalation, Defence Evasion, Command and Control, Exfiltration. After gaining the entry inside the system through privilege escalation, the control of IT network and operations of OT systems can be taken over even remotely by any cyber adversary. The gain of sensitive operational data through such intrusions may help the Nation/State sponsored or non-sponsored adversaries and cyber attackers to design more sinister and advanced cyber-attacks.
- 1.2 Government of India has set up the Indian Computer Emergency Response Team (CERT-In) for Early Warning and Response to cyber security incidents and to have collaboration at National and International level for information sharing on mitigation of cyber threats. CERT-In regularly issues advisories on safeguarding computer systems and publishes Security Guidelines which are widely circulated for compliances. All Central Government Ministries/ Departments and State/Union Territory Governments have been advised to conduct cyber security audit of their entire Cyber Infrastructure including websites at regular interval through CERT-In empanelled Auditors so as to identify gaps and appropriate corrective actions to be taken in cyber security practices. CERT-In extends supports to enable Responsible Entity in conducting cyber security mock drills and in assessment of their preparation to withstand cyber-attacks. The Responsible Entity must submit Reports of Cyber Audit of cyber security controls, architecture, vulnerability management, network security and periodic cyber security drills to sectoral CERT as well as CERT-In. Team of experts shall review these reports and shortcomings if any in the compliances shall be flagged by them. CERT-In on regular basis also conducts workshops and training programs to enhance Cyber awareness of all Stakeholders.
- 1.3 Ministry of Power has created 6(six) sectoral CERTs namely Thermal, Hydro, Transmission, Grid Operation, RE and Distribution for ensuring cyber security in Indian Power Sector. Each Sectoral CERT has prepared their sub-sector specific model Cyber Crisis Management Plan(C-CMP) for countering cyber-attacks and cyber terrorism. Each Sectoral CERT has circulated their model C-CMPs for preparation and implementation of organization specific C-CMP by each of their Constituent Utility.
- 1.4 All Responsible Entities, Service Providers, Equipment Suppliers/Vendors and Consultants engaged in Power Sector are equally responsible for ensuring cyber security of the Indian Power Supply System. They are to act timely upon each threat intelligence,

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- advisories and other inputs received from authenticated sources, for continuous improvement in their cyber security posture.
- 1.5 In the current Indian scenario though many cyber security directives and guidelines exists, but none of them are power sector specific. Ministry of Power has directed CEA to prepare Regulation on Cyber Security in Power Sector. And as an interim measures CEA has been directed to issue Guideline on Cyber Security in Power Sector, under the provision of Regulation 10 on Cyber Security in the "Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019".
- 1.6 The Guidelines on Cyber Security, in the form of Articles written below, requires mandatory Compliance by all Responsible Entities. The Guidelines shall come into effect from the date of issue by Central Electricity Authority, New Delhi.
- 2.0 Hereby the Guidelines on Cyber Security are drawn in the form of Articles for compliance by the Requester as well as User under the following provision of Regulation 10 on Cyber Security, in the "Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019".

"The requester and the user shall comply with cyber security guidelines issued by the Central Government, from time to time, and the technical standards for communication system in Power Sector laid down by the Authority."

2.1 Objective of issuing Guideline:

- a) Creating cyber security awareness
- b) Creating a secure cyber ecosystem,
- c) Creating a cyber-assurance framework,
- d) Strengthening the regulatory framework,
- e) Creating mechanisms for security threat early warning, vulnerability management and response to security threats,
- Securing remote operations and services,
- g) Protection and resilience of critical information infrastructure,
- h) Reducing cyber supply chain risks,
- i) Encouraging use of open standards,
- j) Promotion of research and development in cyber security,
- k) Human resource development in the domain of Cyber Security,
- Developing effective public private partnerships,
- m)Information sharing and cooperation
- n) Operationalization of the National Cyber Security Policy
- 2.2 Within the text of these Articles, 'Responsible Entity' shall mean all:
 - a) Transmission Utilities as well as Transmission Licensees,
 - b) Load despatch centres (State, Regional and National),
 - c) Generation utilities (Hydro, Thermal, Nuclear, RE),
 - d) Distribution Utilities
 - e) Generation Aggregators,
 - f) Trading Exchanges,
 - g) Regional Power Committees, and
 - h) Regulatory Commissions.

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Location: NTPC Ltd

2.3 Applicability:

All Responsible Entities as well as System Integrators, Equipment Manufacturers, Suppliers/Vendors, Service Providers, IT Hardware and Software OEMs engaged in the Indian Power Supply System.

2.4 Scope:

2.4.1 Control Systems for System Operation and Operation Management.

- a) Grid Control and Management Systems,
- b) Power Plant Control Systems,
- c) Central Systems used to monitor and control of distributed generation and loads e.g. virtual power plants, storage management, central control rooms for hydroelectric plants, photovoltaic/wind power installations,
- d) Systems for fault management and work force management,
- e) Metering and measurement management systems,
- f) Data archiving systems,
- g) Parameterisation, configuration and programming systems,
- Supporting systems required for operation of the above mentioned systems,

2.4.2 Communication System.

- a) Routers switches and firewalls,
- b) Communication technology-related network components.
- c) Wireless digital systems.
- d) Control Centre to Control Centre Communications for data exchange on ICCP. (IEC 61850/60850-5/TASE.2/)

2.4.3 Secondary, Automation and Tele control technologies

- a) Control and Automation components,
- b) Control and field devices,
- c) Tele control devices,
- d) Programmable logic controllers / Remote Terminal Units, including digital sensor and actuators elements,
- e) Protection devices,
- f) Safety components,
- g) Digital measurement and metering installations,
- h) Synchronisation devices,
- i) Excitation Systems,

3.0 Definition of Terms:

- Access Management: shall mean set of policies and procedures of the Responsible Entity for allowing Personnel, devices and IoT to securely perform a broad range of operational, maintenance, and asset management tasks either on site or remotely as laid down in Clause 5.2.5 of IS 16335.
- Accreditation: shall mean the process of verifying that an organisation is capable of conducting the tests and assessments against a product/process that are required to be certified.

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- Accreditation Body: shall mean an organisation that has been accredited to verify the
 credentials and capabilities of the organisations that wish to become a certification body.
- Aet: shall mean the Information Technology Act, 2000 (21 of 2000)
- Asset: shall mean anything that has value to the organization.
- Certification: shall mean the process of verifying that a product has been manufactured
 in conformance with a set of predefined standards and/or regulations by an organisation,
 that is accredited to conduct the certification process
- Certification Body: shall mean an organisation that has been accredited by an accreditation body to certify products / process against a certification scheme.
- Certification Scheme: shall mean the processes, paperwork, tools, and documentation that define how a product or manufacturer is certified
- 9. Chief Information Security Officer: shall means the designated employee of Senior management level directly reporting to Managing Director/Chief Executive Officer/Secretary of the Responsible Entity, having knowledge of Information Security and related issues, responsible for cyber security efforts and initiatives including planning, developing, maintaining, reviewing and implementation of Information Security Policies
- Critical Assets: shall mean the facilities, systems and equipment which, if destroyed, degraded or otherwise declared unavailable, would affect the reliability or operability of the Power Supply System.
- 11. Critical System: shall mean cyber assets essential to the reliable operation of critical asset. Critical System consists of those cyber assets that have at least one of the following characteristics:
 - a) The cyber asset uses a routable protocol to communicate outside the electronic security perimeter.
 - b) The cyber asset uses a routable protocol within a control centre.
 - c) The cyber asset is dial-up accessible.
- Critical Information Infrastructure: shall mean Critical Information Infrastructure as defined in explanation of sub-section (1) of Section 70 of the Act.
- Cyber Assets: shall mean the programmable electronic devices, including the hardware, software and data in those devices that are connected over a network, such as LAN, WAN and HAN.
- 14. Cyber Crisis Management Plan: shall mean a framework for dealing with cyber related incidents for a coordinated, multi-disciplinary and broad-based approach for rapid identification, information exchange, swift response and remedial actions to mitigate and recover from malicious cyber related incidents impacting critical processes.
- 15. Cyber Security Breach: shall mean any cyber incident or cyber security violation that results in unauthorized or illegitimate access or use by a person as well as an entity, of data, applications, services, networks and/or devices through bypass of the underlying cyber security protocols, policies and mechanisms resulting in the compromise of the confidentiality, integrity or availability of data/information maintained in a computer resource or cyber asset.
- 16. Cyber Security Incident: shall mean any real or suspected adverse cyber security event that violates, explicitly or implicitly, cyber security policy of Responsible Entity resulting in unauthorized access, denial of service or disruption, unauthorized use of computer resource for processing or storage of information or changes to data or information Document certified by PRASHANT

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- without authorization, leading to harm to the power grid or its critical sub-sectoral elements Generation, Transmission and Distribution.
- Cyber Security Policy: shall mean documented set of business rules and processes for protecting information, computer resources, networks, devices, Industrial Control Systems and other OT resources.
- Electronic Security Perimeter: shall mean the logical border surrounding a network to which the Cyber Systems of Power Supply System are connected using a routable protocol.
- Information Security Division: shall mean a division accountable for cyber security and protection of the Critical System of the Responsible Entity.
- Protected System: shall mean any computer, computer system or computer network of the Responsible Entity notified under section 70 of the Act, in the official gazette by appropriate Government.
- 21. Security Architecture: shall mean a framework and guidance to implement and operate a system using the appropriate security controls with the goal to maintain the system's quality attributes like confidentiality, integrity, availability, accountability and assurance.
- Vulnerability: shall mean intrinsic properties of something resulting in susceptibility to a risk source that can lead to an event with a consequence
- Vulnerability Assessment: shall mean a process of identifying and quantifying vulnerabilities

4.0 Standards

| Reference | Description |
|-----------------|---|
| ISO/IEC 15408 | Common Criteria Certification Standard |
| ISO/IEC 17011 | General requirements for accreditation bodies accrediting conformity assessment bodies |
| ISO/IEC 17025 | General requirements for the competence of testing and calibration laboratories |
| ISO/IEC 21827 | Systems Security Engineering - Capability Maturity Model (SSE-CMM) |
| ISO/IEC 24748-1 | Systems and software engineering — Life cycle management — Part 1: Guidelines for life cycle management. |
| ISO 27001/2 | Information Security Management |
| ISO/ IEC 27019 | Information technology — Security techniques — Information Security controls for the energy utility industry |
| ISO/IEC 61508 | Functional Safety of Electrical / Electronic / Programmable Electronic Safety-related Systems |
| IEC 61850 | Communication networks and systems for power utility automation |
| IEC 62351 | Standards for Securing Power System Communications |
| IEC 62443 | Cyber Security for Industrial Control Systems |
| IS 16335 | Power Control Systems - Security Requirements. |

5.0 Abbreviations

| ADI | breviations | Description |
|-----|-------------|----------------------|
| a) | BES | Bulk Electric System |

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| b) | CDAC | Centre for Development of Advanced Computing |
|-----|---------|---|
| c) | CEA | Central Electricity Authority |
| d) | CERC | Central Electricity Regulatory Commission |
| e) | CERT | Computer Emergency Response Team |
| f) | CERT-In | Indian Computer Emergency Response Team |
| g) | CII | Critical Information Infrastructure |
| h) | CISO | Chief Information Security Officer |
| i) | CSK | Cyber Swachhta Kendra |
| j) | COTS | Commercial off-the Shelf |
| k) | ESP | Electronic Security perimeter |
| 1) | ICS | Industrial Control Systems |
| m) | ICT | Information and Communications Technology |
| n) | IEC | International Electro Technical Commission |
| 0) | ISAC | Information Sharing and Analysis Centre |
| p) | ISD | Information Security Division |
| q) | ISO | International Organization for Standardization |
| r) | ISMS | Information Security Management System |
| s) | IT | Information Technology |
| t) | FAT | Factory Acceptance Test |
| u) | NABL | National Accreditation Board for Testing and Calibration Laboratories |
| v) | NCIIPC | National Critical Information Infrastructure Protection Centre |
| w) | NLDC | National Load Dispatch Centre |
| x) | NPTI | National Power Training Institute |
| y) | NSCS | National Security Council Secretariat |
| z) | OEM | Original Equipment Manufacturer |
| aa) | OT | Operational Technology |
| bb) | RLDC | Regional Load Dispatch Centres |
| cc) | SAT | Site Acceptance Test |
| dd) | SERC | State Electricity Regulatory Commission |
| ee) | SCADA | Supervisory Control and Data Acquisition Systems |
| ff) | SIEM | Security Information and Event Management |
| gg) | SLA | Service Level Agreement |
| hh) | SLDC | State Load Dispatch Centre |
| ii) | QCI | Quality Council of India |
| | | |

CEA (Cyber Security in Power Sector) Guidelines, 2021

Article 1. Cyber Security Policy.

- a. Cardinal Principles: The Responsible entity will strictly adhere to following cardinal principles while framing cyber security policy:
 - i. There is hard isolation of their OT Systems from any internet facing IT system.
 - May keep only one of their IT systems with internet facing at any of their site/location if required which is isolated from all OT zones and kept in a separate room under the security and control of CISO.
 - iii. Downloading/Uploading of any data/information from their internet facing IT system is done only through an identifiable whitelisted device followed by scanning of both for any vulnerability/malware as per the SOP laid down and for all such activities digital logs are maintained and retained under the custody of CISO for at least 6 months. The log shall be readily to carry out the forensic analysis if asked by investigation agency.
 - iv. List of whitelisted IP addresses for each firewall is maintained by CISO and each firewall is configured for allowing communication with the whitelisted IP addresses only.
 - v. Communication between OT equipment/systems is done through the secure channel preferably of POWERTEL through the fibre optic cable. Security configuration of the communication channel is also to be ensured.
 - vi. All ICT based equipment/system deployed in infrastructure/system mandatorily CII are sourced from the list of the "Trusted Sources" as and when drawn by MoP/CEA.
- The Responsible Entity shall be ISO/IEC 27001 certified (including sector specific controls as per ISO/IEC 27019).
- The Responsible Entity shall have a Cyber Security Policy drawn upon the guidelines issued by NCIIPC.
- d. The Responsible Entity shall ensure annual review of their Cyber Security Policy by subject matter expert and changes shall be made therein only after obtaining the due approval from Board of Directors.
- The process of Access Management for all Cyber Assets owned or under control of the Responsible Entity shall be detailed in the Cyber Security Policy.
- f. The Cyber Security Policy shall leverage state-of-art cyber security technologies and relevant processes at multiple layers to mitigate the cyber security risks.
- g. The Responsible Entity shall be solely responsible to get Cyber Security Policy implemented through its Information Security Division (ISD).
- h. The CISO shall record the reason(s) for exemption required, if any, in case, unable to comply with any of the provision(s) of the Cyber Security Policy. Any exception shall be allowed only after an approval of provisions of compensatory control(s) to mitigate residual cyber security risks.
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- The CISO shall record the exemptions sought in statement of applicability controls, while getting the ISO 27001 certified. All exemptions and its justification need to be in conformance with Cyber Security Policy of the Responsible Entity.
- The Responsible Entity shall allocate sufficient Annual budget for enhancing cyber security posture, enhanced year over year.
- k. The Responsible Entity shall work in collaboration with other Industry Stakeholders as well as Academia to promote R&D activity in the domain of cyber security.
- The Responsible Entity shall ensure that cyber security issues are taken up as agenda
 items in their Board meetings once in every three months.

Article 2 Appointment of CISO.

- a) The Responsible Entity shall mandatorily appoint a CISO and shall confirm to qualification, if any, laid by Quality Council of India (QCI). In absence, the work of CISO shall be looked upon by Alternate CISO. In case qualification for appointment of Alternate CISO has been relaxed for reasons recorded thereof, Alternate CISO has to mandatorily acquire the minimum required cyber security skill sets within six months from the date of his appointment.
- b) The Responsible Entity shall regularly update details of CISO and Alternate CISO, with the Sectoral CERT, as well as on ISAC-Power Portal.
- c) Roles and Responsibility of CISOs shall be as laid by CERT-In and ring-fenced to ensure cyber security of the Cyber Assets of the Responsible Entity.

Article 3: Identification of Critical Information Infrastructure (CII).

- a) The Responsible Entity shall submit to NCIIPC through Sectoral CERT, details of Cyber Assets which uses a routable protocol to communicate outside the Electronic Security Perimeter drawn by the Responsible Entity or a routable protocol within a control centre and dial-up accessible Cyber Assets, within 30 days from the date of their commissioning in the System.
- b) The Responsible Entity shall submit details of Critical Business Processes and underlying information infrastructure along with mapped impact and Risk Profile to NCIIPC and shall get their CIIs identified in consultation with NCIIPC. The process of the notification/declaration by Appropriate Government shall follow thereafter.
- c) The Responsible Entity shall review their declared/notified CIIs at least once a year to examine changes if any in the functional dependencies, protocols and technologies or upon any change in security architecture. The Responsible Entity shall review their declared/notified CIIs once in every 6 months, in case if NCIIPC has directed them to constitute an Information Security Steering Committee.
- d) The Responsible Entity shall ensure that all cyber assets of their identified/notified CIIs are recorded in the asset register and considered for risk assessment as well as for finalization of controls in statement of applicability.

Article 4. Electronic Security Perimeter

a) The Responsible Entity shall identify and document the Electronic Security

Perimeter(s) and all Access Points to the perimeter(s).

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- b) The Responsible Entity shall follow procedure of identifying "Electronic Security Perimeter" in case of distributed and/or hybrid information infrastructure, as per IEC 62443 / IS16335 (as amended from time to time).
- c) The Responsible Entity shall ensure that every Critical System resides within an Electronic Security Perimeter.
- d) The Responsible Entity shall perform a cyber-Vulnerability Assessment of each electronic Access Points to the Electronic Security Perimeter(s) at least once in every 6 (six) months and/or after any change in Security Architecture.
- e) The Responsible Entity shall ensure that all critical, high and medium vulnerabilities identified as a result of cyber Vulnerability Assessment shall be closed and verified for the effective closure.

Article 5. Cyber Security Requirements

- a) The Responsible Entity shall have an Information Security Division (ISD), headed by CISO.
- b) The Responsible Entity shall ensure that the ISD must be functional on 24x7x365 basis and is manned by sufficient numbers of Engineers having valid certificate of successful completion of course on cyber security of Power Sector from the Training Institutes designated by CEA.
- c) The Responsible Entity shall ensure that ISD
 - has on-boarded Cyber Swachhta Kendra(CSK) of CERT-In, if they have public IPs.
 - has timely acted upon the advisories, guidelines and directive of NCIIPC, CSK, CERT-In and Sectoral CERTs,
 - has deployed an Intrusion Detection System and Intrusion Prevention System capable of identifying behavioural anomaly in both IT as well as OT Systems.
 - 4) shares reports on incident response and targeted malware samples with CERT-In,
 - updates the firmware/software with the digitally signed OEM validated patches only.
 - 6) enables only those ports and services that are required for normal operations. In case of any emergency the procedure as laid in Access management be followed.
 - 7) maintains firewall logs for the last 6 months duration. Firewall logs shall be analysed and all critical and high severity comments shall be addressed for effective closure.
 - 8) retains document of FAT, SAT test results and report/ certificate of cyber tests carried out for compliance of Government Orders and Cyber Security Audit.*
 - maintains all cyber logs and cyber forensic records of any incident for at least**
 days.
 - * FAT, SAT must include comprehensive cyber security tests of the component/equipment/system to be delivered/delivered at site.
 - ** 90 days from date of the commissioning of the system/recovery from any incident, whichever is later.
- d) The Responsible Entity shall routinely audit and test security properties of the Critical

 System and must act upon, in case if any new vulnerabilities is identified through

 testing or by the equipment manufacturer.

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- e) The Responsible Entity shall design a secure architecture for control system appropriate for their process control environment*.
- f) All State Load Dispatch Centres(SLDCs) shall comply with the directions issued by the National Load Dispatch Centre(NLDC) as well as Regional Load Dispatch Centres(RLDCs) U/s 29 (1) of the Electricity Act, 2003 to ensure stability and cyber security of grid operation and achieve efficiency in the grid operation. In case of any non-compliance, the Head of SLDC shall be responsible and shall be liable for Penalty as per the provision of CERC/SERC.

*There are so many different types of systems in existence and so many possible solutions, it is important that the selection process ensures that the level of protection is commensurate with the business risk and the Responsible Entity shall not rely on one single security measure for its defence. (Reference IEC/TR62351-10 Edition1.0 2012-10 Power systems management and associated information exchange -Data and communications security - Part 10: Security architecture guidelines).

Article 6 Cyber Risk Assessment and Mitigation Plan

- a) The Responsible Entity shall document in their Cyber Security Policy a Cyber Risk Assessment and Mitigation Plans drawn upon the best practises being followed in the Power Sector, and the same shall be approved by Board of Directors.
- b) The Cyber Risk Assessment and Mitigation Plans shall clearly define the matrix for assessing the cyber risk of both IT and OT environment and risk acceptance criteria.
- c) The Cyber Risk Assessment Plan shall be capable to demonstrate that repeated cyber security risk assessment delivers consistent, valid and comparable results.
- d) The review of cyber risk assessment shall be carried out at least once in a Quarter. The actionable of risk treatment and mitigation shall be tracked in this review for their effectiveness.
- e) The CISO shall be responsible for implementation and regular review, on the basis of internal and external feedbacks, of the Cyber Risk Assessment and Mitigation Plans.

Article 7 Phasing out of Legacy System

- a) As the life cycle of the Power System Equipment/System is longer than that of IT Systems deployed therein, the Responsible Entity shall ensure that all IT technologies in the Power System Equipment/System should have the ability to be upgraded.
- b) The Responsible Entity shall ensure that the Information Security Division shall draw the list of all communicable equipments/systems nearing end life or are left without support from OEM. Thereafter CISO shall identify equipment/systems to be phased out from the list drawn, firm up their replacement plan and put up the replacement plan for approval before the Board of Directors.
- c) The CISO shall ensure that till equipments/systems nearing end life or left without support from OEM are not replaced, their cyber security is hardened and ensured through additional controls provisioned in consultation with the OEM or alternate Supplier(s)*.
 - *e.g. Use of CDAC developed AppSamvid and whitelisting of applications installed may be explored across all legacy systems.
- d) The Responsible Entity shall document in their Cyber Security Policy a Standard

 Operating Procedure for safe and secure disposal of outlived or legacy of the procedure by PRASHANT

 Operating Procedure for safe and secure disposal of outlived or legacy of the procedure by PRASHANT

Article 8. Cyber Security Training.

- a) The Responsible Entity shall establish, document, implement, and maintain an annual cyber security training program for personnel having authorized cyber or authorized physical access (unescorted or escorted) to their Critical Systems.
- b) The Responsible Entity shall review annually their cyber security training program and shall update it whenever necessary. Annual Review shall record evaluation of the effectiveness of the trainings held.
- c) The Responsible Entity shall ensure that Cyber Security training program designed for their IT as well as OT O&M Personnel must include following topics and as per their functional requirements and security concerns additional topics shall be added:
 - 1) User authentication and authorization,
 - Cyber Security and Protection mechanisms of IT/OT/ICS Systems.
 - Introduction to various standards i.e. ISO/IEC:15408, ISO/IEC:24748-1, ISO: 27001, ISO: 27002, ISO 27019, IS 16335, IEC/ISO:62443.
 - 4) Training on implementation of ISO/IEC 27001 and awareness on IEC 62443.
 - 5) Vulnerability Assessment in the Critical System.
 - 6) Monitoring and preserving of electronic logs of access of Critical Assets.
 - Detecting cyber-attacks on SCADA and ICS systems
 - 8) The handling of Critical System during cyber crisis.
 - Action plans and procedures to recover or re-establish normal functioning of Critical Assets and access thereto following a Cyber Security Incident.
 - 10) Hands on SCADA operation at any of the Regional Load Dispatch Centre.
 - 11) Handling of risks involved in the procurement of COTS Products.
- d) All Personnel engaged in O&M of IT & OT Systems shall mandatorily undergo courses on cyber security of Power Sector from any of the training institute designated by CEA, immediately within 90 days from the notification of CEA Guidelines on Cyber Security in Power Sector.
- e) The Responsible Entity shall ensure that none of their newly hired or the current Personnel have access to the Critical System, prior to the satisfactory completion of cyber security training programme from the Training Institutes designated in India, except in specified circumstances such as cyber crisis or an emergency.
- f) NPTI in consultation with CEA shall identify and design domain specific courses on Cyber Security for different target groups. The "Governing Board for PSO Training and Certification" shall approve the content, duration etc of these courses and shall review it Annually. NPTI shall conduct these courses at all of their branches on regular basis and shall maintain the list of the Participants successfully completing the course.

Article 9 Cyber Supply Chain Risk Management

- a) The Responsible Entity shall ensure that, as and when Ministry of Power, Government of India notifies the Model Contractual Clauses on cyber security, these clauses are included in their every Bid invited for procurement of any ICT based components/equipments/System to be used for Power System.
- b) The Responsible Entity shall ensure that all the Communicable Intelligent Equipments and the Service Level Agreements (SLAs) for their Critical Systems shall be sourced from the list of the "Trusted Sources" as and when drawn by MoP/CECHATURVEDI PRASHANT

- c) The Responsible Entity shall ensure that, in case, for the any Communicable Intelligent Devices, if no Trusted Source has been identified, then the successful bidder in compliance with the provisions made in MoP order dated 2.7.2020 and any other relevant MoP order has got the product cyber tested for any kind of embedded malware/Trojan/cyber threat and for adherence to Indian Standards at the designated lab.
- d) The Responsible Entity shall ensure that the essential cyber security tests are carried out successfully during FAT, SAT as detailed in Annexure A. The equipment/System besides for functionality shall also be tested in the factory for vulnerabilities, design flaws, parts being counterfeit or tainted, so as to minimize problems during on-sitetesting and installation. Cyber Security Conformance Testing are to be carried out in the designated Lab as listed in Annexure-I of MoP Order No. 12/13/2020-T&R dt. 8th June, 2021(Order at Annexure-B).
- e) The Responsible Entity shall ensure that the Equipment/System supplied by the successful bidder shall accompany with a certificate^{\$, #} obtained by OEM from a certification body accredited to assess devices and process for conformances to IEC 62443-4 standards during design and manufacture. The Responsible Entity shall accept the certificate submitted along with the supplied Equipment/System only if it's in line with the Testing Protocol as notified by Ministry of Power, Government of India, from time to time.
- f) The Responsible Entity in compliance to the requirement of Article 9(e) shall also accept, till the setting up of an adequate certification facility in the India, a digitally signed self-declaration of conformance to the IEC 62443-4 standards during design and manufacture of the equipment/system, if submitted by the OEM.
- g) The Responsible Entity shall dispose all unserviceable or obsolete Communicable Intelligent Devices as per the procedure laid in their Cyber Risk Assessment and Mitigation Plans which shall be in line with the prevailing best practices.
- \$ The National & International certification may be specified in the tender for critical systems/sub-systems being procured by the Responsible Entity.

Certification Schemes:

Embedded Device Security Assurance Certification is for an individual product, System Security Assurance Certification is for a set of products in a system (possibly from different vendors)

Security Development Lifecycle Assurance Certification is for the development processes that a manufacturer uses for developing products.

Article 10 Cyber Security Incident Report and Response Plan

- a) The CISO of the Responsible Entity shall report in the formats prescribed by CERT-In, all Cyber Security Incidents, classified as reportable events.
- b) Root cause analysis for all reportable events shall be carried out and corrective action taken, so as to ensure that any re-occurrence of such event can be managed with ease.
- c) The Responsible Entity shall mandatorily define in their Cyber Security Policy, criteria(s) identified on the basis of impact analysis, for declaring the occurrence of

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- Cyber Security Incident(s) as a Cyber Crisis in the System owned or controlled by them.
- d) The Responsible Entity shall mandatorily designate an Officer along with his/her standby by name and designation and empower them to declare an occurrence of the incident(s) as "Cyber Crisis". The contact details of these Officers shall be updated in the C-CMP within 15 days of changes if any due to transfer or superannuation etc.
- e) The CISO shall ensure that during any Cyber Security Incident, ISD monitors and minutely records every details of cyber security events and incidents in both IT as well as the OT System owned or controlled by the Responsible Entity.
- f) The CISO shall ensure that each cyber incident is handled strictly as per Cyber Security Incident Response Plan detailed in the latest C-CMP approved by the Board of Directors.
- g) The Responsible Entity shall ensure that the efficacy of the Cyber Security Incident Response Plan is tested annually through mock drill(s) carried out, if feasible, as simulation exercise(s) or as table top exercise(s) with wider participation of their employees, in consultation with CERT-In and sectoral CERT. In case if any shortcoming is observed in the Cyber Security Incident Response Plan suitable changes shall be made in it.
- h) The Responsible Entity shall ensure that the CISO compiles details of incident detection, incident handling, learnings from each incident and damage claims made if any and shall report to CERT-In as well as upload information on ISAC-Power Portal.

Article 11 Cyber Crisis Management Plan(C-CMP)

- a) The Responsible Entity shall prepare a Cyber Crisis Management Plan and submit to their sectoral-CERT for review with intimation to Ministry of Power/CISO-MoP. Responsible Entity shall update their C-CMP on the basis of comments made by sectoral-CERT and then submit for vetting to CERT-In. The C-CMP shall be updated once again to include the observations made by CERT-In before seeking approval of Board of Directors for implementation of C-CMP.
- b) The Responsible Entity shall ensure that the C-CMP is reviewed at least annually. The CISO shall ensure that all changes are made in C-CMP only with the due approval of Board of Directors and the changes made in C-CMP have been communicated through a verifiable means to all the concerned Personnel of the Responsible Entity.
- c) The CISOs shall be the custodian of all the cyber security related documents including Cyber Crisis Management Plan, Risk Treatment Plan, Statement of Applicability of controls, and compliance to regulator's requirement.
- d) The CISO shall be accountable for ensuring enforcement of C-CMP by Information Security Division of the Responsible Entity, during a cyber-crisis, as and when declared by the designated Officer. (refer Article 10(d))

Article 12: Sabotage Reporting%

a) The Responsible Entity shall incorporate procedure for identifying and reporting of sabotage in their Cyber Security Policy within 30 days from issue of the Guidelines, or grant of licence under the appropriate legal provisions to the Responsible Entity.

b) The CISO shall be held liable for non-reporting of identified sabotage(s) as per procedure laid for identifying and reporting of sabotage in the Cyber Security Policy Document certified by PRASHANT of the Responsible Entity. CHATURVEDI <pchaturveg 08@ntpc.co.in>.

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- c) The CISO shall prepare a detailed report on disturbances or unusual occurrences, identified, suspected or determined to be caused by sabotage in the Critical System of the Responsible Entity, and shall submit the report to the Sectoral CERT as well as to CERT-In within 24 hours of its occurrence.
- d) The CISO shall submit to NCIIPC within 24 hours of occurrence the report on every sabotage classified as cyber incidents(s) on "Protected System".
- e) The CISO upon occurrence on every sabotage shall take custody of all log records as well as digital forensic records of affected Cyber Assets, Intrusion Detection System, Intrusion Protection System, SIEM and shall preserve them for at least 90 days and shall make them available as and when called upon for investigation by the concerned Agencies.

⁵⁶Disturbances or unusual occurrences, suspected or determined to be caused by sabotage.

Sabotage e.g. can be a forced intrusion in un-manned/manned facility and taking control of operation of Critical System through a communicating device.

Article 13 Security and Testing of Cyber Assets

- a) The Responsible Entity shall ensure security of all in-service phase as well as standby Cyber Assets through regular firmware/Software updates and patching, Vulnerability management, Penetration testing (of combined installations), securing configuration, supplementing security controls. CISO shall maintain details of update version of each firmware and software and their certification if received from OEMs.
- b) The Responsible Entity shall carry out regularly Vulnerability Assessment of all Cyber Assets owned or under their control. If a Cyber Asset is found vulnerable to any exploits or upon any patch updates or major configuration changes, then further Penetration Testing may be carried out offline or in a suitably configured laboratory test-bed to determine other vulnerabilities that may have not been identified so far.
- c) The Responsible Entity shall specify security requirement and evaluation criteria during each phase of their procurement Process.
- d) The Responsible Entity shall ensure that all Cyber Assets being procured shall conform to the type tests as mentioned in the specification for type testing listed in the bid document. Type test reports of tests conducted in NABL accredited Labs or internationally accredited labs (with in last 5 years from the date of bid opening) shall be mandated to be submitted along with bid. In case, the submitted Type Test reports are not as per specification, the re-tests shall be conducted without any cost implication to the Responsible Entity.
- e) The Responsible Entity shall ensure that all Communicable devices are tested for communication protocol as per the ISO/IEC/IS standards listed in MoP Order No. 12/13/2020-T&R dated 8th June, 2021(Annexure-B).
- f) The Responsible Entity shall ensure that all Critical Systems designed with Open Source Software are adequately cyber secured.
- g) The Responsible Entity as a best practise upon any incidence of Cyber Security Breach shall carry out cyber security tests at any lab designated for cyber testing by Ministry of Power. These tests shall be similar to Pre Commissioning Security Test and those essential for carrying out Post Incident Forensics Analysis.

Article 14 Cyber Security Audit

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- a) The Responsible Entity shall implement Information Security Management System (ISMS) covering all its Critical Systems.
- b) The Responsible Entity shall through a CERT-In Empanelled Cyber Security OT Auditor shall get their IT as well as OT System audited at least once in every 6 (six) months and shall close all critical and high vulnerabilities within a period of one month and medium as well as low non-conformity before the next audit. Effective closure of all non-conformities shall be verified during the next audit.
- c) The Cyber Security Audit shall be as per ISO/IEC 27001 along with sector specific standard ISO/IEC 27019, IS 16335 and other guidelines issued by appropriate Authority if any. These mentioned standards shall be current with all amendments if any and in case if any standard is superseded, the new standard shall be applicable. CISO shall ensure immediate closure of non-conformance, based on the criticality and by means all non-conformances are to be closed before the next audit.
- d) The Responsible Entity shall ensure that CISO has all the required systems and documents in place, as mandated by NSCS for base line cyber security audit.

FAT & SAT

- During FAT stage, the customer has to verify all types test reports / certificates including.
 Communication protocol and security conformance tests of the devices offered for FAT.
- 2. FAT of SCADA involves testing as a whole system in the integrated scale down set up. For SCADA, Indian standard IS 15953: 2011 "SCADA System for Power System Applications" provides definition and guidelines for the specification, performance analysis and application of SCADA systems for use in electrical utilities (for transmission & Distribution) including guidance on Tests and inspections.
- The SAT will be done at customer site as per the SAT document mutually agreed by buyer and supplier. For SAT also, guidance from IS 15953: 2011need to be applied.
- IEC 61850-10-3 Communication Networks and Systems For Power Utility Automation-Functional testing of IEC 61850 systems (in draft stage - CDTR) covers testing of applications within substations covering
 - a. A methodical approach to the verification and validation of a substation solution
 - b. The use of IEC 61850 resources for testing in Edition 2.1
 - c. Recommended testing practices for different use cases
 - Definition of the process for testing of IEC 61850 based devices and systems using communications instead of hard wired system interfaces (ex. GOOSE and SV instead of hardwired interfaces)
 - e. Use cases related to protection and control functions verification and testing.

This standard may be used as a guidelines for FAT & SAT for Substation Automation System (SAS) based on IEC 61850.

Annexure - 1

List of designated laboratories for cyber security conformance testing

Table -A. Field Equipment /Operational Technology (OT)

| SL No. | Equipment | Communication Protocol Conformance Standards | Protocol Security Conformance Standards | Designated Laboratories |
|--|--|---|--|--|
| 1 | Remote Terminal Units (RTUs) & PLCs with IEC communications protocols | IEC 60870-5 -101 / IEC 60870-5 -104 (Test Details Annexure 2) | IEC 60870-5-7 Security extension & IEC 62351 series (specifically IEC 62351-100 parts 1 & 3) (Test Details Annexure-2 | Central Power Research Institute (CPRI), Prof Sir C V Raman Road, Sadashivanagar P O, Bengaluru – 560080, Karnataka |
| 2 | Intelligent Electronic Equipment / Numerical Protection Relays / Bay Control Units / Bay Protection Units, Gateways, Transformer Tap controller/ changer, etc. with IEC 61850 communication protocol | IEC 61850 – 5 to IEC 61850 – 10 (Test Details Annexure 2) | | CPRI |
| 3 Smart meters with IEC 62056 communication protocols | | IEC 62056 series / DLMS & IS 15959 series and IS 16444 series (Test details Annexure 2) | IEC 62056 series / DLMS & IS 15959 series and IS 16444 series (Test Details Annexure 2) | 1. CPRI 2. Electrical Research and Development Association (ERDA), ERDA Road, GIDC, Makarpura, Vadodara - 390 010 Gujarat 3. Yadav Measurements Pvt. Ltd. (YMPL) 373-375, RHCO Bhamashah Industrial Area Kaladwas 313003 Udaipur — Rajasthan |

Information Technology (IT) Equipment (Main / Backup / Disaster recovery (DR) Control Centre / Substation control centre IT equipment)

All IT products procured /supplied shall have a valid Certificate of Common Criteria as per ISO/IEC 15408 issued by signatories of the Common Criteria Recognition Agreement (CCRA) (
www.commoncriteriaportal.org).

Import/procurement/supplied from vendors sourcing from prior reference countries, the Certificate for Common Criteria shall be from Government Laboratories in India according to the IC3S scheme operated by Ministry of Electronics and Information Technology, which is a signatory to CCRA.

https://www.commoncriteria-india.gov.in/

Details of tests for various identified products

Remote Terminal Units (RTUs) (Sl. No. 1 of Table - A of Annexure - 1)

Test protocol:

Utilities / manufacturers will submit the sample along with all the required technical documentation for taking up testing to the designated laboratory.

Reference standards

- 1) IEC 60870-5-101 & IEC 60870-5-104 as applicable
- IEC 60870-5-7 Telecontrol equipment and systems Part 5-7: Transmission protocols Security extensions to IEC 60870-5-101 and IEC 60870-5-104 protocols (applying IEC 62351)
- IEC 62351-100-1 & IEC 62351-100-3 and other cross referenced standards.

Test cases

Extract from standard (IEC 62351-100-1)

The conformance test cases are divided into four clauses:

- Clause 5: Verification of configuration parameters. This clause contains the configuration parameters affecting the message contents and/or the protocol behaviour.
- Clause 6: Verification of communication. The goal of this clause is to verify that Device Under Test
 (DUT) is able to implement the security extension messages as described in IEC TS 60870-5-7.
- Clause 7: Verification of procedures. The goal of this clause is to verify that DUT is able to execute
 the security extension procedures as described in IEC TS 62351-5.
- Clause 8: Test result chart. This clause contains the results of the test cases listed in Clauses 6 and
 7 for each supported value of the configuration parameters listed in Clause 5.

The test cases are organized in tables. They are numbered; their numbering syntax is: Subclause number (where the Table is located) + test case number.

In the column 'reference' each test case has a direct reference to IEC TS 62351-5 or IEC TS 60870-5-7 where the clause under test is defined.

Test cases are mandatory depending on the description in the column 'Required'. The following situations are possible:

M= Mandatory test case. The test is referencing a clause that is mandatory in IEC TS 62351-5 or IEC TS 60870-5-7.

Protocol Information Conformance Statement (PICS) x, x = Mandatory test case if the functionality is enabled in the PICS (by marking the applicable check box), with a reference to the section number of the PICS (<math>x.

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Conformance testing of security extension procedures

The security extension procedures can be summarized as follows:

- User management
- Update key maintenance
- Session key maintenance
- Challenge/Reply authentication
- Aggressive Mode authentication

Extract from standard (IEC 62351-100-3)

IEC 62351-3 defines the requirements related to the authentication/encryption protocol, procedures and methods to be implemented at TCP/IP (transport) level.

The conformance test cases are divided into three clauses:

- Clause 5: Verification of configuration parameters. This clause contains the parameters specified by the standards referencing IEC 62351-3 (see IEC 62351-3:2014/AMD1:2018, Clause 7) and affecting the protocol behaviour.
- Clause 6: Verification of IEC 62351-3 requirements. The goal of this clause is to verify that DUT
 is conformant to the requirements of the IEC 62351-3.
- Clause 7: Test result chart. This clause contains the results of the test cases listed in Clause 6 for each supported value of the configuration parameters listed in Clause 5.

The test cases are organized in tables. They are numbered, their numbering syntax is: Subclause number (where the table is located) + test case number.

In the column 'Reference' each test case has a direct reference to IEC 62351-3 where the clause under test is defined. PICS or Protocol Implementation eXtra Information for Testing (PIXIT) could be found in the "Reference" column for some test cases whenever the execution of the test case shall take into account specific parameter values declared in the PICS or PIXIT of the DUT.

Test cases are mandatory depending on the description in the column 'Required'. The following situations are possible:

M = Mandatory test case. The test is referencing to a clause that is mandatory in IEC 62351-3.

PICS

or

PIXIT = Mandatory test case if the functionality is enabled in the PICS or PIXIT by marking the applicable check box or declaring the applicable value.

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Intelligent Electronic Devices (IEDs) (Sl. No. 2 of Table - A of Annexure - 1)

Utilities / manufacturers will submit the sample along with all the required technical documentation for taking up testing to the designated laboratory.

Reference standards

IEC 61850 series

Specifically IEC 61850-5, IEC 61850-6, IEC 61850-7, IEC 61850-8, IEC 61850-9 and IEC 61850-10

Test cases

Communication protocol conformance as per IEC 61850 -10. This part of standard defines methods and abstract test cases for conformance testing of client, server and sampled values devices used in power utility automation systems, the methods and abstract test cases for conformance testing of engineering tools used in power utility automation systems, and the metrics to be measured within devices according to the requirements defined in IEC 61850-5. Further this part of standard specifies standard techniques for testing of conformance of client, server and sampled value devices and engineering tools, as well as specific measurement techniques to be applied when declaring performance parameters. The use of these techniques will enhance the ability of the system integrator to integrate IEDs easily, operate IEDs correctly, and support the applications as intended,

Smart Meters (Sl. No. 3 of Table - A of Annexure - 1)

Utilities / manufacturers will submit the sample along with all the required technical documentation for taking up testing to the designated laboratory.

IEC 62056 series of standards (Electricity metering data exchange - The DLMS/COSEM suite) specifies details of communication protocol requirements, conformance testing and security requirements. The Part 5-3 (DLMS/COSEM application layer) specifies the DLMS/COSEM application layer in terms of structure, services and protocols for DLMS/COSEM clients and servers, and defines rules to specify the DLMS/COSEM communication profiles. It defines services for establishing and releasing application associations, and data communication services for accessing the methods and attributes of COSEM interface objects, defined in IEC 62056-6-2 using either logical name (LN) or short name (SN) referencing.

Clause 5 and sub clauses specifies security requirements. It cover security concepts, Identification and authentication, Cryptographic algorithms, Cryptographic keys - overview, Key used with symmetric key algorithms, Keys used with public key algorithms and Applying cryptographic protection.

Note: All above referred standards shall be latest with amendments if any at the time of submission of sample(s) for testing.

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Testing Criteria

1) Supply from Trusted Sources

The sample size shall be as specified by CEA as per the approved criteria for Trusted Vendors

2) Supply from other than trusted vendors

The sample size shall be shall be 5% of the supply lot / ordered quantity (minimum one). The manufacturer shall submit request to the Nodal agency along with vendor's / manufacturer's certifications for supply chain management system practices and secure product development process implementations based on any one or more of standards ISO / IEC 27036, ISO / IEC 20243, IEC 62443 for verification.

After scrutiny of vendor's / manufacturer's certifications the supplier / utilities shall be asked to submit product to the designated laboratory for communication and cyber security conformance testing.

The supply lot shall stand rejected on failure to comply with the test requirements.

3) Supply from prior reference countries

The utility shall obtain prior permission from the Government of India for importing the product / system from prior reference countries.

The sample size shall be shall be 10 % of the supply lot / ordered quantity (minimum one). The manufacturer shall submit request to the Nodal agency along with vendor's / manufacturer's certifications for supply chain management system practices and secure product development process implementations based on any one or more of standards ISO / IEC 27036, ISO / IEC 20243, IEC 62443 for verification.

After scrutiny of vendor's / manufacturer's certifications the supplier / utilities shall be asked to submit product to the designated Government / Government controlled Autonomous laboratory for type tests (Annexure – 4) and communication & cyber security conformance testing.

The supply lot shall stand rejected on failure to comply with the test requirements.

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Type Tests

Products imported from prior reference countries shall also undergo type testing as per following standards in addition to communication protocol and security conformance testing at the designated Government / Government controlled Autonomous laboratory:

Type test standards for RTUs

- IEC 60870-1-2:1989 Telecontrol equipment and systems. Part 1: General considerations. Section Two: Guide for specifications.
- IEC 60870-2-1:1995 Telecontrol equipment and systems Part 2: Operating conditions -Section 1: Power supply and electromagnetic compatibility.
- EC 60870-2-2:1996 Telecontrol equipment and systems Part 2: Operating conditions Section
 Environmental conditions (climatic, mechanical and other non-electrical influences).
- IEC 60870-3:1989 Telecontrol equipment and systems. Part 3: Interfaces (electrical characteristics)

Type test standard for IEDs / Numerical Protection Relays / Bay controls units

IEC 61850-3: 2013, Ed. 2 Communication networks and systems for power utility automation

– Part 3: General requirements.

Type test standards for Smart meters

- IS 16444: 2015 AC static direct connected watthour smart meter class 1 and 2 Specification.
- IS 16444 Part 2: 2017 AC static transformer operated watthour and var Hour smart meters, class 0.2 S, 0.5 S and 1.0 S: Part 2 specification transformer operated smart meters.

Note:

- All above referred standards shall be latest with amendments if any at the time of submission of sample(s) for testing.
- Type tests generally covers functionality, environmental, mechanical, EMI/EMC and electrical safety related tests.

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ANNEXURE-B

Ref: GM-NTPC/404/CE-HMI-02

Dated 21/09/2022

Sub: Recommendation for HMI Upgrade

The Windows XP/ Windows 7 based workstation hardware and Microsoft Operating System available at sites (projects listed in annexure-1) is out of mainstream support from OEM and Microsoft respectively. Also the support for Symantec Antivirus version 10.0 has been withdrawn by the OEM and no more security updates / virus definitions are available for that version. Hence the HMIs-maxStations are prone to vulnerabilities which can tamper the operation of plant.

HMI Upgrade for the projects mentioned in Annexure-1 is proposed due to various obsolescence in the DCS components as detailed below.

| DCS Component | | Existing version / model / Specification | Obsolescence | |
|---|-----------------------|---|---|--|
| Workstation / Engineering server / Historian server | Hardware | Workstation: Intel Core 2 Duo processor, 1GB RAM, 146 GB SAS disk, 10 Mbps Ethernet port. Server: Intel Xeon dual core processor, 2 GB RAM, 3x76GB HDD, 10 Mbps Ethernet port. | Lower Processor cores and speed, lower HDD capacity and RAM requirements incompatible for latest software requirements; Lower network bandwidth of 10Mbps restricting communication speed capability of latest DCS components and attributing to latency. | |
| | Operating System | Windows 7 SP1 / Windows XP / Windows Server 2008 R2 | Operating Systems were declared End of Support by the OEM- Microsoft as mentioned below: Windows XP - April' 2014 Windows 7 - Jan' 2020 Windows Server 2008 R2 - Jan' 2020 | |
| | maxDNA software | maxDNA 4.2.1 / 4.5 / 4.5.1 / 6.0.x | These versions are not compatible with latest Operating Systems; more improved version of maxDNA- release 7.x is available suiting the latest OS. | |
| | Antivirus Software | Symantec 10.x / Symantec 11.x / Symantec 12.x | Declared obsolete by the OEM- Broadcom and no longer updates or virus definitions and available | |

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| Network | Switch | 10 Mbps backbone | Lower network bandwidth of 10Mbps restricting communication speed capability of latest DCS components. |
|---------|----------------------------------|---|---|
| | Network Hardening settings | No validated Network hardening settings | Not suitable for latest network requirements with hardening features. |

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| | ure-1 List of upgrade projects | | |
|------|--------------------------------|---|--|
| l No | Project Name | | |
| 1 | Barauni_Stage-2 | | |
| 2 | Bongaigaon_Stage-1 | | |
| 3 | Dadri-Thermal_Stage-1 | | |
| 4 | Dadri-Thermal_Stage-2 | | |
| 5 | Darlipalli_Stage-1 | | |
| 6 | Farakka_Stage-2 | | |
| 7 | Farakka_Stage-3 | | |
| 8 | Gadarwara_Stage-1 | | |
| 9 | KoldamHydro | | |
| 10 | Korba_Stage-1 | | |
| 11 | Korba_Stage-3 | | |
| 12 | Mauda_Stage-1 | | |
| 13 | Mauda_Stage-2 | | |
| 14 | NorthKaranpura_Stage-1 | | |
| 15 | Rihand_Stage-2 | | |
| 16 | Rihand_Stage-3 | | |
| 17 | Simhadri_Stage-2 | | |
| 18 | TANDA Stage-1 | | |
| 19 | TANDA Stage-2 | | |
| 20 | Unchahar_Stage-4 | 201 | |
| 21 | Vindhyachal_Stage-4 | | |
| 22 | Vindhyachal_Stage-5 | | |
| 23 | BRBCL Stage-I | | |
| 24 | Jhajjar Stage-I | 22 | |
| 25 | KBUNL Stage-I | | |
| 26 | KBUNL Stage-II | | |
| 27 | NPGCL Stage-I | | |
| 28 | NSPCL Bhilai Stage-I | | |
| 29 | NTECL Stage-I | | |
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ANNEXURE-C

REPORTABLE

IN THE SUPREME COURT OF INDIA CIVIL APPELLATE JURISDICTION CIVIL APPEAL NO.11095 OF 2018

GMR WARORA ENERGY LIMITED

...APPELLANT (S)

VERSUS

CENTRAL ELECTRICITY REGULATORY COMMISSION (CERC) & ORS.

...RESPONDENT (S)

WITH

CIVIL APPEAL NOS.11910-11911 OF 2018

CIVIL APPEAL NOS.12055-12056 OF 2018

CIVIL APPEAL NO.3123 OF 2019

CIVIL APPEAL NO.5372 OF 2019

CIVIL APPEAL NO. 6641 OF 2019

CIVIL APPEAL NOS. 2935-2936 OF 2020

CIVIL APPEAL NOS. 4628-4629 OF 2021

CIVIL APPEAL NOS. 5583-5584 OF 2021

CIVIL APPEAL NO. 39 OF 2021

CIVIL APPEAL NO. 5005 OF 2022

CIVIL APPEAL NO. 4089 OF 2022

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| III. | ADDITIONAL ISSUES | Para 92 |
| IV. | CONSIDERATION | Paras 93 to 130 |
| V. | CONCLUSION | Paras 131 to 168 |
| VI | EPILOGUE | Paras 169 to 184 |

List of abbreviations:

| 1, | APTEL | | Appellate Tribunal for Electricity |
|-----|--------|-----|---|
| 2. | CEA | 35 | Central Electricity Authority |
| 3. | CERC | - | Central Electricity Regulatory Commission |
| 4. | CIL | | Coal India Limited |
| 5. | COD | - | Commercial Operation Date |
| 6. | CSA | - | Coal Supply Agreement |
| 7. | DISCOM | S - | Distribution Companies |
| 8. | ECL | 2 | Eastern Coalfield Limited |
| 9. | EFC | - | Evacuation Facility Charges |
| 10. | FSA | | Fuel Supply Agreement |
| 11. | GCV | | Gross Calorific Value |
| 12. | LoA | | Letter of Assurance |
| 13. | LPS | | Late Payment Surcharge |
| 14. | MAT | - | Minimum Alternate Tax |
| 15. | MCL | + | Mahanadi Coalfield Limited |
| 16. | MERC | * | Maharashtra Electricity Regulatory Commission |
| 17. | MoC | - | Ministry of Coal |
| 18. | MoP | - | Ministry of Power |
| 19. | MSEDCI | | Maharashtra State Electricity Distribution Company Limited |
| 20. | NCDP | - | New Coal Distribution Policy |
| 21. | PPAs | - | Power Purchase Agreements |
| 22. | RFP | - | Request for Proposal |
| 23. | SBAR | - | State Bank Advance Rate |
| 24. | SECL | - | South Eastern Coal Limited |
| 25. | SHAKTI | | Scheme for Harnessing and Allocating Koyala (Coal) Transparently in India |
| 26. | SHR | - | Station Heat Rate |
| 27. | TANGED | CO- | Tamil Nadu Generation and Distribution Corporation |
| 28. | UHV | · | Useful Heat Value |

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JUDGMENT

B.R. GAVAI, J.

I. INTRODUCTION

1. When we heard this batch of Electricity appeals, it was agreed between all the parties that this Court should first decide Civil Appeal No. 684 of 2021 (Maharashtra State Electricity Distribution Company Limited v. Adani Power Maharashtra Limited & Ors.¹) ["MSEDCL v. APML & Ors." for short] and Civil Appeal No. 6927 of 2021 (Maharashtra State Electricity Distribution Company Limited v. GMR Warora Energy Ltd. & ors.), inasmuch as three of the issues involved in all the appeals in the batch were common. It was submitted that those two appeals could be decided by deciding the three common issues. However, insofar as the other appeals are concerned, it was submitted that, in addition to the three common issues, certain

¹ 2023 SCC OnLine 233

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CHATURVEDI Date: 2024. 1.30 22:04:08 IST Reason: AGM Commercial) Location: NTPC Ltd additional issues were also involved and it was agreed that after those two appeals are decided, the other appeals should be heard for considering these additional issues.

- 2. The said three common issues are thus:
 - (i) Whether 'Change in Law' relief on account of New Coal Distribution Policy, 2013 ("NCDP 2013" for short) should be on 'actuals' viz. as against 100% of normative coal requirement assured in terms of New Coal Distribution Policy, 2007 ("NCDP 2007" for short) OR restricted to trigger levels in NCDP 2013 viz. 65%, 65%, 67% and 75% of ACQ?
 - (ii) Whether for computing 'Change in Law' relief, the operating parameters should be considered on 'actuals' OR as per technical information submitted in bid?
 - (iii) Whether 'Change in Law' relief compensation is to be granted from 1st April 2013 (start of Financial Year) or 31st July 2013 (date of NCDP 2013)?

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- 3. After extensively hearing all the learned counsel for the parties, vide the judgment and order dated 3rd March 2023 in the case of MSEDCL v. APML & Ors. (supra), this Court decided those two appeals after considering the aforesaid three issues.
- 4. The first issue was answered by this Court, holding that the 'Change in Law' relief for domestic coal shortfall should be on 'actuals', i.e. as against 100% of normative coal requirement assured in terms of the NCDP, 2007. Insofar as the second issue is concerned, it was held that the Station Heat Rate ("SHR" for short) and Auxiliary consumption should be considered as per the Regulations or actuals, whichever is lower. The third issue was answered holding that the Start date for the 'Change in Law' event for the NCDP, 2013 is 1st April 2013.
- 5. After we decided those appeals, we have heard the present appeals in which some of the issues which were decided by us vide the said judgment in the case of MSEDCL v. APML & Ors. (supra) also arose for consideration along with other issues. However, most of the issues in all these appeals are overlapping

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and, therefore, we propose to decide these appeals by this common judgment.

II. BRIEF FACTS AND SUBMISSIONS

Civil Appeal No. 11095 of 2018 and Civil Appeal Nos. 11910-11911 of 2018

- order dated 14th August 2018 passed by the learned Appellate Tribunal for Electricity, New Delhi (hereinafter referred to as "APTEL") in Appeal No. 111 of 2017 & I.A. No.450 of 2018 and in Appeal No.290 of 2017 & I.A. No.519 of 2017.
- 7. Civil Appeal No.11095 of 2018 is filed by GMR Warora Energy Ltd. (hereinafter referred to as "GWEL"/"Generator") to the extent it was denied compensatory benefits on certain components on the ground of 'Change in Law'.
- 8. Civil Appeal Nos. 11910-11911 of 2018 have been filed by DNH Power Distribution Co. Ltd. (DPDCL) (hereinafter referred to as "DNH-DISCOM"), being aggrieved by the order of the learned

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APTEL accepting the claim of GWEL on certain issues and holding the same to be 'Change in Law'.

- 9. The facts, in brief, giving rise to these appeals are as under:
- 10. GWEL had set up a Thermal Power Station at Warora, District Chandrapur in the State of Maharashtra with an installed capacity of 600 MW (2 x 300 MW). The Commercial Operation Date ("COD" for short) of Unit 1 was 19th March 2013 and that of Unit 2 was 1st September 2013.
- Agreements ("PPAs" for short) with DNH-DISCOM for supply of 200 MW power to Maharastra State Electricity Distribution Company Limited ("MSEDCL" for short) on 17th March 2010 ["MSEDCL PPA") and for supply of 200 MW power on 21st March 2013 ("DNH PPA"), after it emerged as the successful bidder for supply of power to MSEDCL/ DNH-DISCOM. The Scheduled delivery date under the MSEDCL PPA was 17th March 2014, whereas under the DNH PPA, it was 1st April 2013. GWEL is also supplying 150 MW power from its power plant to Tamil Nadu

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Generation and Distribution Corporation ("TANGEDCO" for short) by way of back-to-back arrangement with trading company GMR Energy Trading Limited, for which purpose, a PPA was signed on 27th November 2013 ("TANGEDCO PPA").

12. In terms of the PPAs, the cut-off date, which is 7 days prior to the bid deadline, is to be considered for the purpose of claims under 'Change in Law'. Following are the cut-off dates under the said PPAs.

| | DNH PPA | MSEDCL PPA | TANGEDCO PPA |
|--------------|----------|------------|--------------|
| Cut-off date | 1.6.2012 | 31.7.2009 | 27.2.2013 |

- 13. Certain 'Change in Law' events occurred with regard to MSEDCL PPA and DNH PPA after the cut-off date. The same were notified by GWEL to MSEDCL/ DNH-DISCOM.
- **14.** GWEL filed Petition No. 8/MP/2014 before the Central Electricity Regulatory Commission (hereinafter referred to as "CERC") seeking relief for 'Change in Law'.

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- 15. Vide Order dated 1st February 2017, certain claims were allowed and certain claims were disallowed by the CERC.
- 16. The claims which were allowed by the CERC are thus:
 - "i. Increase in CVD from 8% to 10% and 10% to 12%;
 - ii. Increase in Excise Duty;
 - iii. Increase in Service Tax;
 - Increase in other taxes [Work Contract Tax (WCT), VAT, CST];
 - Change in Excise Duty on coal;
 - vi. Increase in the rate of Royalty on coal;
 - vii. Levy of Clean Energy Cess by Government of India (Gol);
 - viii. Increase in service tax on transportation of goods by IR;
 - ix. Levy of Swachh Bharat Cess."
- 17. The claims which were disallowed by the CERC are thus:
 - Withdrawal of deemed export benefit by DGFT;

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- Design changes in Coal Handling Plant (CHP);
- iii. Increase in the rate of Minimum Alternate Tax (MAT);
- iv. Increase in Busy Season Surcharge and Development surcharge on transportation of coal by Indian Railways (IR);
- v. Increase in sizing charges and surface transportation charges by Coal India Ltd. (CIL);
- vi. Increase in operating cost on account of specification of coal quality to be used for the TPS;
- vii. Change from UHV to GCV based pricing of coal;
- viii. Incremental increase in Interest on Working Capital (IWC) on account of increase in Project costs."
- 18. Being aggrieved by the judgment and order passed by the CERC, cross-appeals were filed by both GWEL and DNH-DISCOM.
- 19. Vide the impugned judgment, the learned APTEL, while concurring with the view of CERC on the claims allowed by it,

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further allowed the claims on the ground of 'Change in Law' on the following components:

- (i) Busy Season Surcharge and Development Surcharge;
- (ii) Ministry of Environment and Forest ("MoEF")
 Notification on coal quality; and
- (iii) Change in NCDP and Carrying Cost.
- 20. However, the rest of the claims were disallowed by the learned APTEL, concurring with the view taken by the CERC. Insofar as the appeal filed by DNH-DISCOM is concerned, the same was dismissed by the learned APTEL. Hence, these cross-appeals.
- 21. We have heard Mr. Vishrov Mukherjee, learned counsel appearing on behalf of the GWEL and Mr. Samir Malik, learned counsel appearing on behalf of MSEDCL and Mr. M.G. Ramachandran, learned Senior Counsel appearing on behalf of the DNH-DISCOM.

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- 22. Mr. Vishrov Mukherjee submits that the learned APTEL has erred in disallowing the claim on the following items:
 - (i) Withdrawal of Deemed Export Benefit by way of Circular dated 28th December 2011 and Notification dated 28th December 2011 issued by the Directorate General of Foreign Trade ("DGFT") and amendment to the Foreign Trade Policy dated 21st March 2012;
 - (ii) Imposition of Crushing/Sizing charges and Surface Transportation Charges by Notification dated 15th October 2009;
 - (iii) Change in system of classification of coal by Coal India Limited ("CIL" for short) from Useful Heat Value ("UHV" for short) to Gross Calorific Value ("GCV" for short) system of pricing by way of Notification dated 30th December 2011;
 - (iv) Increase in levy of Minimum Alternate Tax ("MAT" for short) pursuant to amendment of Section 115JB of the Income Tax Act, 2012;

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(v) Design changes in Coal Handling Plant in terms of letter issued by the Central Electricity Authority ("CEA" for short) dated 19th April 2011;

(vi) Increase in working capital.

23. It is submitted that all these changes have taken place on

account of the Notifications/Orders/Circulars issued by the

instrumentalities of the State and as such, the learned APTEL

ought to have allowed the claim for compensation on account of

'Change in Law' on the aforesaid items also.

24. It is submitted that the compensation on account of the

'Change in Law' is based on the principle of restitution so as to

put back the party to the same economic position it was in, had

the 'Change in Law' event not taken place. However, this has

not been considered in the correct perspective by the learned

APTEL.

25. Learned counsel appearing on behalf of the DNH-DISCOM

and MSEDCL, on the contrary, submit that the learned APTEL

has erred in considering the Busy Season Surcharge and

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Development Surcharge, MoEF Notification on coal quality, Change in NCDP and Carrying Cost as 'Change in Law' events. He submits that when the Generator had submitted its bid, it was aware that there was a likelihood of variations on certain payments to be made and the same were factored in while submitting the bid. It is, therefore, submitted that the learned APTEL erred in granting 'Change in Law' benefits on the said issues.

Civil Appeal Nos. 4628-4629 of 2021

26. These appeals have been filed by Uttar Haryana Bijli Vitran Nigam Limited and Dakshin Haryana Bijli Vitran Nigam Limited (hereinafter referred to as "Haryana Discoms") challenging the common judgment and order dated 7th June 2021 passed by the learned APTEL in Appeal No.158 of 2017 & I.A. No.575 of 2018 and Appeal No. 316 of 2017. Appeal No.158 of 2017 & I.A. No.575 of 2018 were filed by Adani Power (Mundra) Limited (hereinafter referred to as "AP(M)L"), being aggrieved by the order passed by the CERC dated 6th February 2017, whereby the CERC

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had denied certain claims for compensation on certain components on account of 'Change in Law', whereas Appeal No.316 of 2017 was filed by Haryana Discoms challenging grant of claim of compensation on certain components on the ground of 'Change in Law'.

27. The Chart of claims which were allowed and disallowed by the CERC is as under:

"107. Based on the above analysis and decisions, the summary of our decision under the Change in Law during the operating period of the project is as under:

| Components | Change in Law Event |
|--|------------------------|
| Change in Rate of Royalty | Allowed |
| Levy of Central Excise Duty subject to directions in para 32 of the order | Allowed |
| Levy of Clean Energy Cess | Allowed |
| Levy of Customs Duty on energy removed from SEZ to DTA | Allowed |
| Increase in Busy Season Surcharge on transportation of coal | Not Allowed |

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| Increase in Development Surcharge on transportation of coal | Not Allowed |
|---|--|
| Levy of Service Tax on transportation of coal | Allowed |
| Levy of Green Energy Cess in Gujarat | Liberty granted to approach after Hon`ble Supreme Court's Decision |
| Increase in Sizing Charges of coal | Not Allowed |
| Increase in Surface Transportation | Not Allowed |
| Change in pricing of coal from UHV to GCV basis | Not Allowed |
| Change in class from 140 to 150 for Railway freight for coal for trainload movement | Not Allowed |
| Levy of Minimum Alternate Tax on plants situated in SEZ | Not Allowed |
| Linking railway tariff revision with movement in cost of fuel | Not Allowed |
| Imposition of Swachh Bharat Cess | Allowed |
| Payment to National Mineral Exploration Trust | Allowed |

| Allowed | Payment to District Mineral Foundation |
|---------------------------------------|--|
| | Installation of FGD as per Environmental clearance dated 20.5.2010 |
| Not decided and liberty granted | Auxiliary consumption due to FGD installation affecting capacity charges |
| | Additional operating expenditure on FGD |
| Not Allowed | Carrying cost |

28. Being aggrieved by the order of the CERC, cross-appeals were filed by AP(M)L so also by Haryana Discoms before the learned APTEL. The Haryana Discoms challenged that part of the order of the CERC which allowed claim on components on the ground of 'Change in Law', whereas AP(M)L challenged that part of the order of the CERC which disallowed its claim on various components.

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29. Though AP(M)L had sought 'Change in Law' compensation on various components, the same was allowed by the learned APTEL by the impugned order only on the ground of:

 (i) 'Busy Season Surcharge and Developmental Surcharge on transportation of coal', and

(ii) 'Carrying Cost'.

30. The claim of AP(M)L pertaining to increase in Surface Transportation Charges so also Sizing Charges of coal were denied by the learned APTEL, concurring with the view taken by the CERC.

31. Being aggrieved by the orders passed by the CERC and the learned APTEL allowing 'Change in Law' on certain components, the Haryana Discoms have approached this Court.

32. We have heard Ms. Poorva Saigal, learned counsel appearing on behalf of the Haryana Discoms and Dr. A.M. Singhvi, learned Senior Counsel appearing on behalf of AP(M)L.

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33. Ms. Poorva Saigal submits that the learned APTEL grossly

erred in reversing the well-reasoned findings of the CERC on the

issue of Busy Season Surcharge and Developmental Surcharge

on transportation of coal. She, therefore, submits that the

finding of the learned APTEL with regard to the same needs to be

set aside.

34. Dr. A.M. Singhvi, on the contrary, submits that the Busy

Season Surcharge as well as the Developmental Surcharge are

revised as per the Notifications/Circulars issued by the Ministry

of Railways and as such, they would come within the definition

of 'Change in Law'.

Civil Appeal Nos. 12055-12056 of 2018

35. These appeals, filed by Jaipur Vidyut Vitran Nigam Ltd.,

Ajmer Vidyut Vitaran Nigam Ltd. and Jodhpur Vidhyut Vitaran

Nigam Ltd. (hereafter referred to as "Rajasthan Discoms"),

challenge the common judgment and order dated 14th August

2018, passed by the learned APTEL in Appeal No. 119 of 2016 &

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36. Appeal No. 119 of 2016 & I.A. Nos. 668 & 674 of 2016 were filed by M/s Adani Power Rajasthan Ltd. ("APRL" for short), being aggrieved by the judgment and order dated 15th March 2016, passed by the Rajasthan Electricity Regulatory Commission (hereinafter referred to as "State Commission") thereby disallowing some of its claims on account of 'Change in Law', whereas Appeal No. 277 of 2016 and I.A. No.572 of 2016 were filed by the Rajasthan Discoms, being aggrieved by the order of the State Commission of the same date vide which some of the 'Change in Law' claims were allowed by the CERC.

37. The 'Change in Law' claims which were allowed by the State Commission are as under:

- Change in Rate of Royalty Payable on Domestic Coal;
- ii. Levy of Service Tax on Transportation of Goods by Indian Railways (IR); and
- iii. Increase in Fee for 'Consent to Operate'.

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38. The 'Change in Law' claims which were not allowed by the State Commission are thus:

| 1. | Change in Pricing Mechanism of Coal from Useful Heat Value (UHV) Basis to Gross Calorific Value Basis (GCV) | | | |
|----|---|--|--|--|
| 2. | Increase in Sizing Charges for coal charged by Coal India Ltd. (CIL) | | | |
| 3. | Increase in Surface Transportation Charges | | | |
| 4. | Increase in Busy Season Surcharge on Transportation of Coal by Indian Railways | | | |
| 5. | Increase in Development Surcharge levied on Transportation of Coal by Railways | | | |
| 6. | Levy of Fuel Adjustment Component | | | |
| 7. | Levy of Port Congestion Surcharge | | | |
| 8. | Levy of Forest Tax | | | |
| 9. | Change in Classification of Coal for Train Load Movement | | | |

39. Vide the impugned judgment, the learned APTEL dismissed the appeal of the Rajasthan Discoms and partly allowed the appeal of APRL allowing its claims on the ground of Busy Season

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Surcharge', 'Development Surcharge', 'Port Congestion Surcharge, 'Forest Tax' and 'Carrying Cost'. Being aggrieved thereby, the Rajasthan Discoms have approached this Court.

40. We have heard Mr. V. Giri, learned Senior Counsel appearing on behalf of the Rajasthan Discoms and Dr. A.M. Singhvi, learned Senior Counsel appearing on behalf of the APRL.

41. Mr. V. Giri submits that clause 10 in the PPA is referable only to taxes under Article 268 of the Constitution of India. He submits that the learned APTEL has, therefore, erred in allowing 'Change in Law' benefits on the issues related to Busy Season Surcharge, Development Surcharge, Port Congestion Charges, Forest Tax and Carrying Cost which are not taxes referable to Article 268 of the Constitution.

42. Dr. Singhvi made arguments on similar lines as have been made in the other appeals.

Civil Appeal Nos. 2935-2936 of 2020

43. These appeals have been filed by the Rajasthan Discoms and Rajasthan Urja Vikas Nigam Ltd. challenging the common

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judgment and order dated 29th January 2020, passed by the learned APTEL in Appeal no.284 of 2017 and Appeal No. 09 of 2018.

44. Appeal No. 284 of 2017 was filed by APRL challenging the order dated 8th June 2017 passed by the State Commission, being aggrieved by the disallowance of its claim on some components on the ground of 'Change in Law' and carrying cost, whereas Appeal No.9 of 2018 was filed by Rajasthan Discoms being aggrieved by the claims which were allowed by the State Commission.

45. The list of the components which were allowed and which were not allowed on the ground of 'Change in Law' is thus:

| "Sr. No. | Change in Law's items | Decision of the Commission |
|-------------|---|-------------------------------|
| A | Levies on Royalty (i) National Mineral Exploration Trust effective from 14.08.2015 (ii) District Mineral Foundation effective from 12.01.2015 | Allowed |
| В | Levy of Swachh Bharat Cess (SBC) along with Service Tax for rail | Allowed |

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| | transportation effective from 15.11.2015 | |
|---|---|-------------|
| С | Levy of Swachh Bharat Cess @0.5% along with Service Tax - Operation Period effective from 15.11.2015 | Not Allowed |
| D | Levy of Krishi Kalyan Cess (KKC) along with Service Tax and Swachh Bharat Cess for rail transportation from 1st June 2016 | Allowed |
| Е | Levy of Krishi Kalyan Cess @0.5% along with Service Tax and Swachh Bharat Cess - Operation Period from 1st June 2016. | Not Allowed |
| F | Amendment to Environmental (Protection) Rules 1986 | Not Allowed |
| G | Levy of Coal Terminal Surcharge (CTS) effective from 22.08.2016 | Not Allowed |
| Н | Utilization of Fly Ash generated from coal and lignite based thermal power projects | Not Allowed |
| I | CG Paryavaran Upkar | Not Allowed |
| J | CG Vikas Upkar | Not Allowed |
| K | Service Tax on transportation of goods by a vessel from a place outside India up to the custom station of clearance in India | Not Allowed |

| L | Carrying Cost | Not Allowed" |
|---|---------------|--------------|

- **46.** As stated above, being aggrieved by that part of the order which disallowed its claim, APRL preferred the aforesaid Appeal before the learned APTEL, whereas the Rajasthan Discoms, being aggrieved by that part of the order which allowed claims on certain components, also filed an Appeal before the learned APTEL.
- 47. The learned APTEL, while dismissing the appeal of the Rajasthan Discoms, partly allowed the appeal of the APRL by allowing compensation on certain other components on the ground of 'Change in Law'.
- 48. The components on which 'Change in Law' benefits were granted by the learned APTEL are thus:
 - (i) Coal Terminal Surcharge;
 - (ii) Chhattisgarh Paryavaran Upkar;
 - (iii) Chhattisgarh Vikas Upkar;

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(iv) Change in Swacch Bharat Cess at the rare of 0.5% on Service Tax for Operation Period;

 (v) Change in Krishi Kalyan Cess at the rate 5% on Service Tax for Operation Period;

49. In addition to grant of relief on the ground of 'Change in Law', the learned APTEL also granted 'Carrying Cost'.

50. Arguments similar to the ones advanced in Civil Appeal No. 12055-12056 of 2018 were advanced by Mr. V. Giri, learned Senior Counsel appearing on behalf of the Rajasthan Discoms, as well as by the learned counsel for the respondents.

Civil Appeal No. 3123 of 2019 and Civil Appeal No.5372 of 2019

51. These are cross appeals. Civil Appeal No.3123 of 2019 has been filed by Bihar State Power (Holding) Company Ltd. (hereinafter referred to as "Bihar Discoms") and Civil Appeal No.5372 of 2019 has been filed by GMR Kamalanga Energy Limited and GMR Energy Limited (hereinafter referred to as "GKEL"), challenging the judgment and order dated 21st

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December 2018 passed by the learned APTEL in Appeal No.193 of 2017 & I.A. No. 449 of 2018.

- **52.** Appeal No.193 of 2017 & I.A. No.449 of 2018 were filed by GKEL challenging the order of the CERC dated 7th April 2017, aggrieved by the denial of its claims on certain components on the ground of 'Change in Law'. The Bihar Discoms have challenged that part of the order of the learned APTEL which allowed claims of GKEL on the ground of 'Change in Law'.
- 53. By the impugned order, the learned APTEL granted claims on the ground of:
 - (i) Change in NCDP (cancellation of Captive Block vis-à-vis tapering linkage),
 - (ii) busy season surcharge and developmental surcharge,
 - (iii) carrying cost; and
 - (iv) add on premium price.
- **54.** We have heard Mr. Vishrov Mukerjee, learned counsel appearing on behalf of the GKEL/Generator and Ms. Anushree

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Bardhan, learned Counsel appearing on behalf of the Bihar Discoms.

55. Mr. Vishrov Mukerjee submits that the learned APTEL as well as the CERC have grossly erred in rejecting the claim for compensation on the ground of:

- (i) change in source of coal from Mahanadi Coalfields Ltd. ("MCL" for short) to Eastern Coalfields Ltd. ("ECL" for short) vide Notification dated 26th February 2014 issued by the CIL;
- (ii) change in mode of transportation from rail to road vide
 Notification dated 29th September 2014 issued by MCL;
- (iii) increase in levy of Minimum Alternate Tax ("MAT" for short); and
- (iv) interest on working capital.
- 56. Learned counsel submitted that change in source of coal from MCL to ECL was on account of the notification issued by the CIL, which is an instrumentality of the State. Similarly, he

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submitted that the change in mode of transportation from rail to

road was on account of the notification issued by the MCL.

Learned counsel submits that, since, on account of these

notifications, the cost of transportation of coal increased,

applying the restitutionary principle, the CERC as well as the

learned APTEL ought to have granted claims on the basis of

'Change in Law'. He further submits that increase in levy of MAT

has also been increased by the Union of India and, as such, the

same would also amount to 'Change in Law'. It is further

submitted that interest on working capital was also increased on

account of the orders of the instrumentalities of the State and,

as such, compensation also ought to have been granted for the

same.

57. Learned counsel for the Bihar Discoms submits that the

CERC as well as the learned APTEL have grossly erred in allowing

claims on certain components on the ground of 'Change in Law'.

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Civil Appeal No. 6641 of 2019

- 58. This appeal filed by GKEL arises out of the judgment and order dated 27th May 2019, passed by the learned APTEL in Appeal No.195 of 2016, thereby partly allowing the appeal.
- 59. GKEL filed Petition No.79/MP/2013 before the CERC claiming compensation on various component on the ground of 'Change in Law' events.
- **60.** The CERC, vide order dated 3rd February 2016, disallowed compensation for the following components:
 - (a) Change from UHV to GCV based pricing of coal pursuant to notification issued by the Government of India;
 - (b) Increase/revision in the railway freight charges pursuant to notifications issued by Ministry of Railways and Ministry of Finance;
 - (c) Increase in the rate of Minimum Alternate Tax("MAT") rates;

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- (d) Increase in Value Added Tax in the State of Odisha;
- (e) Increase in water charges pursuant to notifications issued by the Government of Odisha;
- (f) Incremental increase in interest on working capital on account of increase in costs during the operating period.
- 61. Being aggrieved thereby, Appeal No.195 of 2016. was preferred by GKEL. As stated above, the learned APTEL partly allowed the appeal and held that GKEL was entitled to compensation on following grounds.
 - (i) Increase/revision in the railway freight charges in terms of notifications issued by the Ministry of Railways and Ministry of Finance on account of imposition of development surcharge, busy season surcharge and service tax;
 - (ii) VAT rate enhancement from 4% to 5% from 30.03.2012 onwards;

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(iii) Carrying cost/interest on compensation on the above items after ascertainment of the same by computation, which shall be assessed from the date of respective notification/circular/order from the concerned Ministry/Department/Governmental instrumentality till payment is made.

62. Appellant-GKEL, being unsatisfied with the same, has approached this Court praying for a direction that it is also entitled to compensation on various other components, viz.,

- (i) Increase in Water Charges;
- (ii) Shift from UHV to GCV methodology of pricing of coal;
- (iii) Increase in rate of MAT; and
- (iv) Interest on working capital.

63. Arguments similar to the ones advanced in Civil Appeal No. 3123 of 2019 and Civil Appeal No.5372 of 2019 were advanced by the learned counsel for the parties.

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Civil Appeal Nos. 5583-5584 of 2021

64. These appeals, filed by Bihar Discoms, arise out of the judgment and order dated 6th August 2021, passed by the learned APTEL in Appeal No. 423 of 2019 and in Appeal No. 173

of 2021.

65. In the said case, the learned APTEL, vide order dated 21st December 2018, had allowed the following claims as 'Change in Law' and remanded the matter back to the CERC to determine

compensation due to GKEL:

(a) Shortfall in linkage coal and deviation in NCDP;

(b) Cancellation of captive coal block;

(c) Imposition of Busy Season Surcharge and Development

Surcharge;

(d) Levy of Add-On Premium over and above the notified

price of coal; and

(e) Carrying Cost.

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66. Upon remand, the CERC passed order dated 16th September 2019, thereby granting compensation on certain components on the ground of 'Change in Law' including carrying cost.

67. Contending that the order passed by the CERC did not give effect to the 'Change in Law' components as directed by the learned APTEL, an appeal being Appeal No. 423 of 2019 came to be preferred by GKEL before the learned APTEL.

68. Bihar Discoms had also filed an appeal being Appeal No.173 of 2021, before the learned APTEL, being aggrieved by the benefits which were granted by the CERC.

69. By the impugned order, the learned APTEL held that the GKEL was entitled to recover expenditure involved in procurement of alternate coal due to shortfall in domestic coal supply corresponding to scheduled generation pertaining to the obligations under the Bihar PPA. The learned APTEL held that this was required to be done in order to restore the appellant-GKEL to the same economic position as before as if no 'Change in Law' event had occurred.

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70. We have heard Ms. Anushree Bardhan, learned counsel

appearing on behalf of the appellant-Bihar Discoms and Mr.

Maninder Singh, learned Senior Counsel appearing on behalf of

GKEL.

71. Ms. Anushree Bardhan submits that the learned APTEL

ought to have granted benefit of 'Change in Law' restricting it to

shortfall for only 894.5 MW, which was the amount specified in

the PPA, and not for the entire 1050 MW, which is the installed

capacity. She further submits that the learned APTEL had also

erred in granting add on premium on account of extension of

tapering linkage by three years.

72. Shri Maninder Singh, learned Senior Counsel submits that

insofar as the first issue with regard to shortfall of coal supply is

concerned, the same is squarely covered by the judgments of this

Court in the cases of Energy Watchdog v. Central Electricity

Regulatory Commission and others², Jaipur Vidyut Vitaran

2 (2017) 14 SCC 80

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Nigam Ltd. and others v. Adani Power Rajasthan Limited

and another3 (hereinafter referred to as "Adani Rajasthan

case") and MSEDCL v. APML & Ors. (supra).

73. He further submits that the delay in operationalization of

the captive mines was not on account of any reason attributable

to GKEL. He submits that, since the allotment of coal blocks was

cancelled on account of the judgment of this Court in the case of

Manohar Lal Sharma v. The Principal Secretary & Ors.4,

GKEL was also entitled for the benefit for the said period.

74. Insofar as Busy Season Surcharge is concerned, he submits

that there is a concurrent finding of fact. He submits that, in any

case, the said charges are issued by the Railway Board by issuing

Notifications/Circulars. He submits that since the Railway is an

instrumentality of the State, both the CERC and the learned

APTEL have concurrently held that the Generator would be

entitled to compensation on the ground of 'Change in Law'.

3 2020 SCC Online SC 697

4 (2014) 9 SCC 516 and 2014 (9) SCC 614

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Civil Appeal No. 39 of 2021

75. This appeal filed by the DNH-DISCOM arises out of the

judgment and order dated 13th October 2020, passed by the

learned APTEL in Appeal No.283 of 2019 & I.A. Nos. 2188 & 1229

of 2019, thereby dismissing the said appeal arising out of the

judgment and order passed by the CERC dated 16th May 2019.

76. The DNH-DISCOM had initiated a competitive bidding

process through issuance of a Request for Proposal ("RFP" for

short) in March 2012 for procurement of power on Long Term

Basis under Case-1 bidding procedure. As per the RFP, the cut-

off date was 1st June 2012.

77. The respondent-GWEL emerged as the successful bidder for

supplying Aggregated Contracted Capacity of 200 MW at a

levelized tariff of Rs.4.618 per Unit.

78. Accordingly, Letter of Intent (LoI) was issued by DNH-

DISCOM on 14th August 2012. An application/petition being

Petition No.87/2012 came to be filed before the Joint Electricity

Regulatory Commission (hereinafter referred to as "Joint

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Commission") for approval of the PPA and adoption of tariff.

GWEL was also joined as a co-petitioner in the said Petition. The

Joint Commission, vide order dated 19th February 2013,

approved the PPA. Accordingly, the PPA came to be executed on

21st March 2013.

79. GWEL filed Petition No. 8/MP/2014 before the CERC

seeking compensation on certain components on the ground of

'Change in Law'. The same was decided by the CERC vide order

dated 1st February 2017. Aggrieved thereby, both the appellant-

DNH-DISCOM and the respondent-GWEL filed appeals before the

learned APTEL. In appeal, the learned APTEL remanded the

matter to the CERC vide order dated 14th August 2018 for

considering certain issues. Being aggrieved by the order dated

14th August 2018, the appellant-DNH-DISCOM filed an appeal,

being Civil Appeal No.11910 of 2018, before this Court. The said

appeal is also being decided in the present batch of appeals, by

this common judgment.

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Digitally signed by PRASHANT CHATURVEDI Date: 2024. 130 22:04:08 IST Reason: AGM Commercial) Location: NTPC Ltd and allowed the claim of GWEL/Generator on the ground of 'Change in Law' occurring on account of the enforcement of the 'Scheme for Harnessing and Allocating Koyala (Coal) Transparently in India' ("SHAKTI Policy" for short). Being aggrieved thereby, DNH-DISCOM had filed an appeal before the learned APTEL. As stated herein above, the same was dismissed by the learned APTEL vide the impugned judgment.

81. We have heard Mr. C.A. Sundaram, learned Senior Counsel appearing on behalf of the DNH-DISCOM and Mr. Niranjan Reddy, learned Senior Counsel appearing on behalf of the

respondent-GWEL.

82. Mr. C.A. Sundaram submits that, from the presentation

which was given by the GWEL, it was apparent that it was given

on the basis that coal supply would be restricted only to 65%. He

submits that, as such, the grant of benefit on account of 'Change

in Law' on the ground that there was 100% assurance by CIL is

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not permissible. He, therefore, submits that the judgment and

order of the learned APTEL deserves to be set aside to that extent.

83. Mr. Niranjan Reddy, on the contrary, submits that the bid

of GWEL was submitted on 8th June 2012, on which date NCDP

2007 was in force. He submits that, subsequently, the NCDP

2007 was modified on 31st July 2013 and thereafter SHAKTI

Policy has come into effect on 22nd May 2017 and, as such,

judgment and order of the learned APTEL warrants no

interference.

Civil Appeal No. 5005 of 2022 and Civil Appeal No. 4089 of 2022

84. These appeals challenge the common judgment and order

dated 22nd March 2022 passed by the learned APTEL in Appeal

No. 118 of 2021 and 40 of 2022, filed by Rattan India Power

Limited (hereinafter referred to as "Rattan India") and Adani

Power Maharashtra Limited (for short, "APML") respectively,

thereby challenging the orders dated 1st January 2019 and 3rd

August 2018, passed by Maharashtra Electricity Regulatory

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85. The facts in brief giving rise to the present appeals are as under:

Rattan India has entered into PPAs dated 22nd April 2010 and 5th June 2010 with MSEDCL for supply of 1200 MW aggregate power at levelized tariff of Rs.3.260 KWH for a period of 25 years. It filed a petition before MERC, being Case No. 227 of 2018, claiming compensation on the ground of 'Change in Law' occurring on account of the circular dated 19th December 2017 issued by CIL, vide which it levied the Evacuation Facility Charges (for short, "EFC"). The same was rejected by MERC, vide order dated 1st January 2019. A similar petition being Case No. 124 of 2018 was also filed by APML, raising a similar claim before MERC, which was also rejected by MERC, vide its earlier order dated 3rd August 2018.

86. Being aggrieved thereby, Rattan India had filed an Appeal No. 118 of 2021 and APML had preferred an Appeal No. 40 of

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2022. By the impugned order, the learned APTEL had held EFC imposed by CIL vide Circular dated 19th December 2017 to be a 'Change in Law' event and, accordingly, held the Generators to be entitled to compensation on the said ground. Being aggrieved thereby, the MSEDCL has preferred these appeals.

87. We have heard Shri Balbir Singh, learned Additional Solicitor General (for short, "ASG") and Shri G. Saikumar, learned counsel appearing on behalf of the appellant and Shri Sajan Poovayya, learned Senior Counsel for the respondents in Civil Appeal No. 5005 of 2022 and Shri Vishrov Mukherjee, learned counsel appearing on behalf of the respondents in Civil Appeal No. 4089 of 2022.

88. Shri Balbir Singh, relying on Clause 9.1 of the Coal Supply Agreement (for short, "CSA") dated 28th December 2012 entered into between Southeastern Coalfields Limited and APML, submitted that CSA defines as to what shall be the base price of coal. He submitted that Clause 9.2 of the said CSA specifically provides for other charges which are permissible. Relying on

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Clause 9.4 of the CSA, he submitted that in all cases, the entire freight charges, irrespective of the mode of transportation of coal supplied, shall be borne by the purchaser. The learned ASG submitted that the EFC does not partake the character of a statutory levy. However, he submitted that, in any case, it does not have the force of law. He, therefore, submitted that APTEL has grossly erred in holding the circular of CIL dated 19th December 2017 to qualify as 'Change in Law'.

89. Shri Singh further submitted that the direction to pay the carrying cost at the rate provided for Late Payment Surcharge (for short, "LPS") is also not permissible in law. He submitted that this Court, in *Adani Rajasthan case* (supra), has directed the carrying cost to be paid at the rate of 9% and as such, in the present case, it ought to have been directed to be paid at the same rate.

90. Shri Singh also relies on the judgment of this Court in the case of Ashoka Smokeless Coal India (P) Limited and Others

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v. Union of India and Others in support of the proposition

that CIL is free to fix the price of coal and that the Union of India

has no control over it.

91. Shri Poovayya, on the contrary, submitted that the levy is

mandatory in nature. Unless the said levies are paid, the coal

would not be supplied. He further submitted that since the CIL

is an instrumentality of the Government, the order issued by it

would amount to a law within the definition of "Law" as defined

in the PPA. He further submitted that insofar as the carrying

cost is concerned, there is a specific provision in the PPA in

Article 11.8.3, which is binding on the parties. He submitted that

on account of non-payment of the dues of the generating

companies by DISCOMS, the generating companies are required

to borrow the funds at the market rate and as such, applying the

restitutionary principle, it is entitled to carrying cost as provided

under the agreement.

5 (2007) 2 SCC 640

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III. ADDITIONAL ISSUES

92. After hearing the learned counsel for the parties at length, we find that, apart from the three issues that were already decided by this Court in the case of MSEDCL v. APML & Ors. (supra), the issues as to whether the following components could be considered as 'Change in Law' events fall for consideration herein:

- Busy Season Surcharge & Development Surcharge and Port Congestion Surcharge;
- (ii) MoEF Notification on coal quality;
- (iii) Shortfall in linkage coal due to Change in NCDP;
- (iv) Forest Tax;
- (v) Add on Premium price.
- (vi) Evacuation Facility Charges (EFC).

Apart from that, another question that requires consideration is, as to whether various taxes/charges imposed

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by various State Governments would also fall under 'Change in Law' events or not.

The other question that requires considerations is, as to whether at what rate the Generators would be entitled to 'carrying cost'.

IV. CONSIDERATION

93. For appreciating the rival submissions, we will have to construe the term "Law", which has been defined in the PPAs, which reads thus:

""Law" means, in relation to this Agreement, all laws including Electricity Laws in force in India and any statute, ordinance, regulation, Notification or code, rule, or any interpretation of any of them by an Indian Governmental Instrumentality and having force of law and shall further include all applicable rules, regulations, orders, Notifications by an Indian Governmental Instrumentality pursuant to or under any of them and shall include all rules, regulations, decisions and orders of the CERC and the MERC."

94. Perusal of the definition of the term "Law" itself would clearly show that the term "Law" would mean all laws including

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Electricity Laws in force in India and any statute, ordinance, regulation, Notification or code, rule, or any interpretation of any of them by an Indian Governmental Instrumentality and having force of law. It would further reveal that the term "Law" shall also include all applicable rules, regulations, orders, Notifications by an Indian Governmental Instrumentality and shall also include all rules, regulations, decisions and orders of the CERC and the MERC.

95. In any case, the issue as to what would amount to "Law" is no more res integra. This Court, in the case of **Energy Watchdog** (supra), has observed thus:

"57. Both the letter dated 31-7-2013 and the revised Tariff Policy are statutory documents being issued under Section 3 of the Act and have the force of law. This being so, it is clear that so far as the procurement of Indian coal is concerned, to the extent that the supply from Coal India and other Indian sources is cut down, the PPA read with these documents provides in Clause 13.2 that while determining the consequences of change in law, parties shall have due regard to the principle that the purpose of compensating the party affected by such

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change in law is to restore, through monthly tariff payments, the affected party to the economic position as if such change in law has not occurred. Further, for the operation period of the PPA, compensation for any increase/decrease in cost to the seller shall be determined and be effective from such date as decided by the Central Electricity Regulation Commission. This being the case, we are of the view that though change in Indonesian law would not qualify as a change in law under the guidelines read with the PPA, change in Indian law certainly would."

96. The aforesaid view of this Court taken in the case of *Energy*

Watchdog (supra) has been approved by a Bench of three

learned Judges of this Court in Adani Rajasthan case (supra)

and also followed by this Court when the two linked matters out

of this batch of appeals were decided by this Court in the case of

MSEDCL v. APML & Ors. (supra). It cannot be denied that CIL

is an instrumentality of the Government of India and its orders,

insofar as price of fuel are concerned, are binding on all its

subsidiaries.

97. It will further be relevant to refer to Clause 9.0 of the CSA,

which reads thus:

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"9.0 PRICE OF COAL:

The "As Delivered Price of Coal" for the Coal

supplies pursuant to this Agreement shall be the sum of Base Price, Other Charges and

Statutory Charges, as applicable at the time

of delivery of Coal."

It is thus clear that price of coal includes the sum of base price,

other charges and statutory charges as applicable at the time of

delivery of coal.

98. As discussed herein above, the term 'Law' would also

include all applicable rules, regulations, orders, Notifications

issued by an Indian Governmental Instrumentality.

99. It would thus be clear that all such additional charges

which are payable on account of orders, directions, Notifications,

Regulations, etc., issued by the instrumentalities of the State,

after the cut-off date, will have to be considered to be 'Change in

Law' events. The Generators would be entitled to compensation

on the restitutionary principle on such changes occurring after

the cut-off date.

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100. Having held thus, we will now consider some of the

components which are common in most of these appeals.

Busy Season Surcharge, Development Surcharge And Port

Congestion Surcharge

101. Insofar as increase in Busy Season Surcharge, Development

Surcharge on transportation of coal, and Port Congestion

Surcharge by the Indian Railways are concerned, the learned

APTEL had found that the Indian Railways is an instrumentality

of the State. It has been found that the Busy Season Surcharge,

Development Surcharge and Port Congestion Surcharge were

increased from time to time vide Circulars/Notifications issued

by the Ministry of Railways, through the Railway Board.

102. A Constitution Bench of this Court, in the case of Railway

Board, Government of India v. M/s Observer Publications (P)

Ltd.6, has held the Railway Board to be a State within the

meaning of Article 12 of the Constitution of India.

6 (1972) 2 SCC 266

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103. As such, no error could be found in the finding of the

learned APTEL that the revision of charges to be paid on Busy

Season Surcharge, Development Surcharge and Port Congestion

Charges from time to time by the 'Railway Board' would come

within the ambit of 'Change in Law'.

MoEF Notification on Coal Quality

104. Insofar as MoEF notification on coal quality is concerned,

the MoEF, vide Notification dated 2nd January 2014, i.e.

subsequent to the particular cut-off date, i.e. 1st June 2012, has

mandated power projects to use beneficiated coal with ash

content lower than 34%. The draft notification of MoEF dated

11th July 2012 culminated into the final Notification dated 2nd

January 2014. By no stretch of imagination, can it be said that

MoEF is not an instrumentality of the State.

105. By the said Notification, MoEF has mandated power

projects to use beneficiated coal with ash content lower than

34%. Admittedly, prior to the cut-off date, the same was not a

requirement. It is thus clear that the said Notifications dated 11th

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July 2012 and 2nd January 2014 would amount to "Change in

Law'. As such, no fault can be found with the finding of the

learned APTEL that the same would amount to 'Change in Law'.

Shortfall in Linkage Coal due to Change in NCDP

106. Insofar as shortfall in linkage coal due to changes in the

NCDP issued by the Ministry of Coal ("MoC" for short) is

concerned, the issue is no more res integra. This Court in the

case of Energy Watchdog (supra) so also in Adani Rajasthan

case (supra) and recently in MSEDCL v. APML & Ors. (Supra)

has held that the change in NCDP would amount to 'Change in

Law'.

Forest Tax

107. Insofar as Forest Tax is concerned, perusal of the material

placed on record would reveal that, as on the cut-off date, there

was no Forest Tax applicable on coal mined and transported from

South Eastern Coalfields Limited ("SECL" for short) mines

located in Forest area. For the first time, vide Notification of the

Chhattisgarh State Government, Department of Forest, under

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the provisions of Chhattisgarh Transit (Forest Produce Rule) 2001, a fee at the rate of Rs.7 per ton was levied. Undisputedly, the said Notification is issued by the Forest Department of the Government of Chhattisgarh, which is an instrumentality of the State. As such, no error can be found with the finding of the

Add on Premium Price

learned APTEL in that regard.

108. Insofar as 'Add on premium price' is concerned, undisputedly, 'add on premium' was required to be paid on account of cancellation of captive coal blocks and inordinate delay on account of Go-No-Go policy. As such, it cannot be said that the reasoning adopted by the learned APTEL is perverse and

Evacuation Facility Charges (EFC)

arbitrary.

109. Undisputedly, EFC was imposed by CIL vide its Circular dated 19th December 2017.

110. As already discussed herein above, CIL is an instrumentality of the State. It is thus clear that, on the cut-off

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date, there was no requirement of EFC, which has been brought

into effect only on 19th December 2017. As such, the circular of

CIL dated 19th December 2017 would also amount to 'Change in

Law'.

111. As discussed herein above, it is also not in dispute that EFC

has been paid by the generators while paying the base price,

other charges and statutory charges at the time of delivery of

coal. As such, no interference would be warranted with the said

finding.

112. That leaves us with the issue with regard to carrying cost.

Carrying Cost

113. This is the issue on which there is a serious contest between

the DISCOMS and the Generators.

114. On one hand, it is the submission of the DISCOMS that

since there is no description of the same in the PPAs, the rate for

granting carrying cost should be a reasonable rate. On the

contrary, it is the submission of the Generators that there is a

specific provision in the PPAs, which provides that the carrying

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cost has to be paid at the rate as per the rate specified for late payment surcharge. It is submitted that this is provided in the PPA so as to give effect to the restitutionary principle.

115. For considering the rival submissions, it will be apposite to refer to the following Articles, which are almost common in most of the PPAs.

"11. Billing and payment.—

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11.3. Payment of monthly bills.—

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11.3.4. In the event of delay in payment of a monthly bill by any procurer beyond its due date, a late payment surcharge shall be payable by the procurer to the seller at the rate of two (2) per cent in excess of the applicable SBAR per annum, on the amount of outstanding payment, calculated on a day to day basis (and compounded with monthly rest), for each day of the delay.

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11.8. Payment of supplementary bill.—

- 11.8.1. Either party may raise a bill on the other party ("supplementary bill") for payment on account of:
- (i) Adjustments required by the Regional Energy Account (if applicable);
- (ii) Tariff payment for change in parameters, pursuant to provisions in Schedule 5; or

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(iii) Change in law as provided in Article 13 and such Bill shall be paid by the other party.

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11.8.3. In the event of delay in payment of a supplementary bill by either party beyond one month from the date of billing, a late payment surcharge shall be payable at same terms applicable to the monthly bill in Article 11.3.4."

116. A perusal of Article 11.3.4 of the PPA would reveal that in the event of delay in payment of a monthly bill by any procurer beyond its due date, a late payment surcharge shall be payable by the procurer to the seller at the rate of 2% in excess of the applicable State Bank Advance Rate ("SBAR" for short) per annum, on the amount of outstanding payment, calculated on a day to day basis (and compounded with monthly rest), for each day of the delay. Article 11.8 of the PPA deals with Payment of Supplementary Bill. It enables either party to raise a supplementary bill on the other party for payment on account of certain events. Clause (iii) of Article 11.8.1 of the PPA deals with 'Change in Law' as provided in Article 13. It requires the bill to

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be paid by the other party. Article 11.8.3 of the PPA also provides that in the event of delay in payment of a supplementary bill by either party beyond one month from the date of billing, a late payment surcharge shall be payable at same terms applicable to the monthly bill in Article 11.3.4.

117. This Court in the case of Uttar Haryana Bijli Vitran

Nigam Limited (UNHVNL) and another v. Adani Power

Limited and others, after considering the provisions of Article

11, which deals with 'Billing' and Article 13, which deals with

'Change in Law', has observed thus:

"9. It will be seen that Article 13.4.1 makes it clear that adjustment in monthly tariff payment on account of change in law shall be effected from the date of the change in law [see sub-clause (i) of clause 4.1], in case the change in law happens to be by way of adoption, promulgation, amendment, re-enactment or repeal of the law or change in law. As opposed to this, if the change in law is on account of a change in interpretation of law by a judgment of a Court or Tribunal

7 (2019) 5 SCC 325

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or governmental instrumentality, the case would fall under sub-clause (ii) of clause 4.1, in which case, the monthly tariff payment shall be effected from the date of the said order/judgment of the competent authority/Tribunal or the governmental instrumentality. What is important to notice is that Article 13.4.1 is subject to Article 13.2 of the PPAs.

10. Article 13.2 is in-built an restitutionary principle which compensates the party affected by such change in law and which must restore, through monthly tariff payments, the affected party to the same economic position as if such change in law has not occurred. This would mean that by this clause a fiction is created, and the party has to be put in the same economic position as if such change in law has not occurred i.e. the party must be given the benefit of restitution as understood in civil law. Article 13.2, however, goes on to divide such restitution into two separate The first period periods. is in period" "construction which increase/decrease of capital cost of the project in the tariff is to be governed by a certain formula. However, the seller has to provide to the procurer documentary proof of such increase/decrease in capital

cost for establishing the impact of such change in law and in the case of dispute as to the same, a dispute resolution mechanism as per Article 17 of the PPA is to be resorted to. It is also made clear that compensation is only payable to either party only with effect from the date on which the total increase/decrease exceeds the amount stated therein.

11. So far as the "operation period" is concerned, compensation for increase/decrease in revenues or costs to the seller is to be determined and effected from such date as is decided by the appropriate Commission. Here again, this compensation is only payable for increase/decrease in revenue or cost to the seller if it is in excess of an amount equivalent to 1% of the Letter of Credit in aggregate for a contract year. What is clear, therefore, from a reading of Article 13.2, is that restitutionary principles apply in case a certain threshold limit is crossed in both sub-clauses (a) and (b). There is no dispute that the present case is covered by sub-clause (b) and that the aforesaid threshold has been crossed. The mechanism for claiming a change in law is then set out by Article 13.3 of the PPA."

118. It could thus be seen that this Court has held that insofar

as the "operation period" is concerned, compensation for any

increase/decrease in revenues or costs to the seller is to be

determined and effected from such date as is decided by the

appropriate Commission. It has further been held that the

compensation is only payable for increase/decrease in revenue

or cost to the seller if it is in excess of an amount equivalent to

1% of the Letter of Credit in aggregate for a contract year. It has

been held that restitutionary principles apply in case a certain

threshold limit is crossed. It has been held that an in-built

restitutionary principle compensates the party affected by such

'Change in Law' and the affected party must be restored through

monthly tariff payment to the same economic position as if such

'Change in Law' had not occurred.

119. From the perusal of paragraph 9, it would also be clear that

in case the 'Change in Law' happens to be by way of adoption,

promulgation, amendment, re-enactment or repeal of the law or

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'Change in Law', it has to be effected from the date on which such change occurs.

120. In this respect, it will also be apposite to refer to the following observations of this Court in the case of Maharashtra State Electricity Distribution Company Limited v. Maharashtra Electricity Regulatory Commission and Others⁸:

"173. The APTEL correctly found that:
(Maharashtra Pradesh Electricity Regulatory
Commission case [Maharashtra State
Electricity Distribution Co.
Ltd. v. Maharashtra Pradesh Electricity
Regulatory Commission, 2021 SCC OnLine
APTEL 13], SCC OnLine APTEL para 13)

"13. ... On the contrary, there is a conscious exclusion regarding any suo motu change in the rate to be applied while calculating LPS, it being incorrect to argue on the assumption that the contract permits automatic change in system."

(emphasis supplied)

8 (2022) 4 SCC 657

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174. This Court is unable to accept Mr Singh's submission that the conclusion of APTEL that LPS is not tariff is erroneous. The meaning of the expression tariff has to be considered, and has rightly been considered by APTEL in the context of the relevant provision of the power purchase agreements. The dictionary meaning of tariff may be charge. However, in Article 13 of the Stage 1 and Article 10 of the Stage 2 power purchase agreements, tariff means monthly tariff and tariff adjustment consequential to change in law, is of monthly tariff in respect of supply of electricity.

175. As argued by the respondent power generating companies appearing through Mr Rohatgi, Mr Singhvi, Mr Mukherjee and Ms Anand respectively, LPS is only payable when payment against monthly bills is delayed and not otherwise.

176. The object of LPS is to enforce and/or encourage timely payment of charges by the procurer i.e. the appellant. In other words, LPS dissuades the procurer from delaying payment of charges. The rate of LPS has no bearing or impact on tariff. Changes in the basis of the rates of LPS do not affect the rate at which power was agreed to be sold and purchased under the power purchase agreements. The principle of restitution

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under the change in law provisions of the power purchase agreements are attracted in respect of tariff.

177. LPS cannot be equated with carrying cost or actual cost incurred for the supply of power. The appellant has a contractual obligation to make timely payment of the invoices raised by the power generating companies, subject, of course, to scrutiny and verification of the same. Mr Mukul Rohatgi has a point that if the funding cost was so much lesser than the rate of LPS, as contended by the appellant, the appellant could have raised funds at a lower rate of interest, made timely payment of the invoices raised by the power generating companies, and avoided LPS.

178. The proposition that courts cannot rewrite a contract mutually executed between the parties, is well settled. The Court cannot, through its interpretative process, rewrite or create a new contract between the parties. The Court has to simply apply the terms and conditions of the agreement as agreed between the parties, as observed by this Court in Shree Ambica Medical Stores v. Surat People's Coop. Bank [Shree Ambica Medical Stores v. Surat People's Coop. Bank Ltd., (2020) 13 SCC 564, para 20], cited by Ms Divya Anand. This

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appeal is an attempt to renegotiate the terms of the PPA, as argued by Ms Divya Anand as also other counsel. It is well settled that courts cannot substitute their own view of the presumed understanding of commercial terms by the parties, if the terms are explicitly expressed. The explicit terms of a contract are always the final word with regard to the intention of the parties, as held by this Court in Nabha Power Ltd. v. Punjab SPCL, (2018) 11 SCC 508, paras 45 and 72: (2018) 5 SCC (Civ) 1], cited by Ms Anand."

121. This Court has clearly held that the DISCOMS have a contractual obligation to make timely payment of the invoices raised by the power generating companies, subject to scrutiny and verification of the same. This Court has rejected the contention that the funding cost was much lesser than the rate of LPS. This Court has reiterated the proposition that the courts cannot rewrite a contract which is executed between the parties. This Court has emphasized that it cannot substitute its own view of the presumed understanding of commercial terms by the parties, if the terms are explicitly expressed. It has been held that

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the explicit terms of a contract are always the final word with

regard to the intention of the parties.

122. As already discussed hereinabove, Article 11.8 of the PPA

entitles either party to raise a supplementary bill on the other

party on account of 'Change in Law' as provided in Article 13 and

such bills are required to be paid by the either party. Article

11.8.3 of the PPA specifically provides that in the event of delay

in payment of a supplementary bill by either party beyond one

month from the date of billing, a late payment surcharge shall be

payable at the same terms applicable to the monthly bill in Article

11.3.4. Article 11.3.4 of the PPA specifically provides a late

payment surcharge to be paid by the procurer to the seller at the

rate of 2% in excess of the applicable SBAR per annum on the

amount of outstanding payment calculated on day to day basis

(and compounded with monthly rest), for each day of the delay.

123. Recently, this Court, in the case of Uttar Haryana Bijli

Vitran Nigam Limited and Another v. Adani Power (Mundra)

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Limited and Another9, had an occasion to consider the similar

issue. The Court observed thus:

"20. It is clear that the restitutionary principles encapsulated in Article 13.2 would take effect for computing the impact of change in law. We see no reason to interfere with the impugned judgment [Adani Power (Mundra) Ltd. v. CERC, 2021 SCC OnLine APTEL 67], wherein it has been held by the Appellate Tribunal that Respondent 1 Adani Power had started claiming change in law event compensation in respect of installation of FGD unit along with carrying cost, right from the year 2012 and that it has approached several fora to get this claim settled. Respondent 1 Adani Power finally succeeded in getting compensation towards FGD unit only on 28-3-2018, but the carrying cost claim was denied. The relief relating to carrying cost was granted to Respondent 1 Adani Power by the Appellate Tribunal vide order dated 13-4-2018 [Adani Power Ltd. v. CERC, 2018 SCC OnLine APTEL 5] which was duly tested by this Court and upheld on 25-2-2019 [Uttar Haryana Bijli Vitran Nigam Ltd. v. Adani Power Ltd., (2019) 5 SCC 325 : (2019) 2 SCC (Civ) 657]. Once carrying cost has been granted in favour of Respondent 1 Adani Power, it cannot be urged by the appellants that interest on carrying cost should be calculated on simple interest basis instead of

9 (2023) 2 SCC 624

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compound interest basis. Grant of compound interest on carrying cost and that too from the date of the occurrence of the change in law event is based on sound logic. The idea behind granting interest on carrying cost is not far to see, it is aimed at restituting a party that is adversely affected by a change in law event and restore it to its original economic position as if such a change in law event had not taken place.

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23. We are not persuaded by the submission made on behalf of the appellants that since no fault is attributable to them for the delay caused in determination of the amount, they cannot be saddled with the liability to pay interest on carrying cost; nor is there any substance in the argument sought to be advanced that there is no provision in the PPAs for payment of compound interest from the date when the change in law event had occurred.

24. The entire concept of restitutionary principles engrained in Article 13 of the PPAs has to be read in the correct perspective. The said principle that governs compensating a party for the time value for money, is the very same principle that would be invoked and applied for grant of interest on carrying cost on account of a change in law event. Therefore, reliance on Article 11.3.4 read with Article 11.8.3 on the part of the

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appellants cannot take their case further. Nor does the decision in *Priya Vart case* [*Priya Vart v. Union of India*, (1995) 5 SCC 437] have any application to the facts of the present case as the said case relates to payment of compensation under the Land Acquisition Act and the interest that would be payable in case of delayed payment of compensation."

124. It is thus clear that this Court has reiterated that once

carrying cost has been granted, it cannot be urged that interest

on carrying cost should be calculated on simple interest basis

instead of compound interest basis. It has been held that grant

of compound interest on carrying cost and that too from the date

of the occurrence of the 'Change in Law' event is based on sound

logic. It has been held that it is aimed at restituting a party that

is adversely affected by a 'Change in Law' event and restore it to

its original economic position as if such a 'Change in Law' event

had not taken place.

125. The argument that there is no provision in the PPAs for

payment of compound interest from the date when the 'Change

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in Law' event had occurred, has been specifically rejected by this

Court.

126. In view of this consistent position of law and application of

restitutionary principles and privity of contractual obligations

between the parties as contained in the PPAs, we do not find that

the view taken by the learned APTEL with regard to carrying cost

warrants interference.

Concurrent Finding of Fact

127. Apart from the aforesaid issues, there is one another

common thread in all these appeals. Many of these appeals arise

out of concurrent findings recorded by the Central/State

Electricity Regulatory Commissions and the learned APTEL.

128. This Court, in the case of MSEDCL v. APML & Ors. (supra),

after considering the statutory provisions in the Electricity Act,

2003, held that the CERC, SERCs and the learned APTEL are

bodies consisting of experts in the field.

129. This Court, in the said case, observed thus:

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"120. It could thus be seen that two expert bodies i.e. the CERC and the learned APTEL have concurrently held, after examining the material on record, that the factors of SHR and GCV should be considered as per the Regulations or actuals, whichever is lower. The CERC as well as the State Regulatory bodies, after extensive consultation with the stakeholders, had specified the SHR norms in respective Tariff Regulations. In addition, insofar as GCV is concerned, the CEA has opined that the margin of 85-100 kcal/kg for a non-pit head station may be considered as a loss of GCV measured at wagon top till the point of firing of coal in boiler.

121. In this respect, we may refer to the following observations of this Court in the case of Reliance Infrastructure Limited v. State of Maharashtra [(2019) 3 SCC 352].

"38. MERC is an expert body which is entrusted with the duty and function to frame regulations, including the terms and conditions for the determination of tariff. The Court, while exercising its power of judicial review, can step in where a case of manifest unreasonableness or arbitrariness is made out. Similarly, where the delegate of the legislature has

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failed to follow statutory procedures or to take into account factors which it is mandated by the statute to consider or has founded its determination of tariffs on extraneous considerations, the Court in the exercise of its power of judicial review will ensure that the statute is not breached. However, it is no part of the function of the Court to substitute its own determination for a determination which was made by an expert body after due consideration of material circumstances.

39. In Assn. of Industrial Electricity Users v. State of A.P. [Assn. of Industrial Electricity Users v. State of A.P., (2002) 3 SCC 711] a three-Judge Bench of this Court dealt with the fixation of tariffs and held thus: (SCC p. 717, para 11)

"11. We also agree with the High Court [S. Bharat Kumar v. State of A.P., 2000 SCC OnLine AP 565: (2000) 6 ALD 217] that the judicial review in a matter with regard to fixation of tariff has not to be as that of an appellate authority in exercise of its jurisdiction under Article 226 of the Constitution. All that the High Court has to be satisfied with is that the Commission has followed the proper procedure and

unless it can be demonstrated that its decision is on the face of it arbitrary or illegal or contrary to the Act, the court will not interfere. Fixing a tariff and providing for cross-subsidy is essentially a matter of policy and normally a court would refrain from interfering with a policy decision unless the power exercised is arbitrary or ex facie bad in law."

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123. Recently, the Constitution Bench of this Court in the case of Vivek Narayan Sharma v. Union of India [2023 SCC OnLine SC 1] has held that the Courts should be slow in interfering with the decisions taken by the experts in the field and unless it is found that the expert bodies have failed to take into consideration the mandatory statutory provisions or the decisions taken are based on extraneous considerations or they are ex facie arbitrary and illegal, it will not be appropriate for this Court to substitute its views with that of the expert bodies."

130. As is indicated in the aforesaid judgments, this Court should be slow in interfering with the concurrent findings of fact

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unless they are found to be perverse, arbitrary and either in

ignorance of or contrary to the statutory provisions.

v. CONCLUSION

131. In the light of our aforesaid findings, we will now consider

each of the appeals independently.

Civil Appeal No. 11095 of 2018 and Civil Appeal Nos. 11910-

11911 of 2018

132. In these batch of appeals, insofar as the appeal of DNH-

DISCOM is concerned, they are aggrieved by the order of the

learned APTEL allowing Busy Season Surcharge and

Development Surcharge, MoEF Notification on coal quality and

Change in NCDP. They are also aggrieved by the finding of the

learned APTEL with regard to carrying cost.

133. Insofar as the compensation on the ground of Change in

NCDP is concerned, as already discussed, the same is squarely

covered by the judgment of this Court in the case of **MSEDCL v.**

APML & Ors. (supra)

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134. Insofar as the Busy Season Surcharge and Development

Surcharge are concerned, they are issued under the

Circulars/Notifications of Indian Railways. The notification on

coal quality is issued by MoEF. All these are the

instrumentalities of the State, and these would, therefore,

amount to 'Change in Law'.

135. Insofar as rest of the claims, which are concurrently allowed

and disallowed by both the CERC and the learned APTEL, are

concerned, in view of the judgments of this Court on this issue,

as stated above, we do not find any reason to interfere with the

same, not noticing any perversity, arbitrariness and/or any

contravention of the statutory provisions. The appeals of both

the Generator and the DNH-DISCOM are, therefore, liable to be

dismissed.

Civil Appeal Nos.4628-4629 of 2021

136. The learned APTEL allowed the claim of the Generator only

on the ground of Busy Season Surcharge and Development

Surcharge on transportation of coal, and the Carrying Cost.

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137. In view of our finding on the issues as above, no error can

be found with the finding of the learned APTEL in that regard.

We find no merit in the appeals. The appeals are, accordingly,

liable to be dismissed.

Civil Appeal Nos. 12055-12056 of 2018

138. The issue of Busy Season Surcharge, Development

Surcharge and Port Congestion Surcharge have already been

considered by us herein above. All these are charges under the

Notifications issued by the Indian Railways, through the Railway

Board. As such, no error can be found with the finding of the

learned APTEL that they would amount to 'Change in Law'

events.

139. Insofar as levy of 'Forest Tax' is concerned, the same is

levied by the State Government under the statutory provisions.

140. The issue with regard to 'Carrying Cost' has also been

discussed by us herein above.

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141. In that view of the matter, we do not find any reason to

interfere with the order of the learned APTEL. The appeals are,

accordingly, liable to be dismissed.

Civil Appeal Nos. 2935-2936 of 2020

142. In addition to the 'Change in Law' benefits granted by the

State Commission, 'Coal Terminal Surcharge', 'Chhattisgarh

Paryavaran Upkar' and 'Chhattisgarh Vikas Upkar' were also

considered to be 'Change in Law' events by the learned APTEL.

143. The 'Coal Terminal Surcharge' was levied by the Indian

Railways subsequent to the cut-off date. Similarly, the

Government of Chhattisgarh, under Section 8 of the

Chhattisgarh Adhosanrachna Vikas Evam Paryavaran Upkar

Adhiniyam, 2005, vide Notification dated 16th June 2015, which

is admittedly after the cut-off date, introduced 'Chhattisgarh

Paryavaran Upkar' and 'Chhattisgarh Vikas Upkar'. Even the

Change in Swacch Bharat Cess at the rate of 0.5% on Service Tax

for Operation Period and Change in Krishi Kalyan Cess at the

rate of 5% on Service Tax for Operation Period, which had been

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granted concurrently by the State Commission and the learned

APTEL, were notified by the Union of India after the cut-off date.

144. It could thus be seen that all these additional taxes or

cesses were introduced by the instrumentalities of the

Government of India or by the Government of Chhattisgarh. The

same are issued under the provisions of the concerned statutes,

rules, notifications, orders, etc. It is thus clear that they would

amount to 'Law' within the meaning of the term 'Law' as defined

in the PPAs. As such, no error can be found with the order of the

learned APTEL.

145. We, therefore, find no merit in the appeals. The appeals are,

accordingly, liable to be dismissed.

Civil Appeal No. 3123 of 2019 and Civil Appeal No.5372 of 2019

146. In the present matter, in addition to the claims granted by

the CERC, the learned APTEL also granted the following claims:

(i) Change in NCDP (cancellation of Captive Block vis-à-vis

tapering linkage),

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(ii) Busy Season Surcharge and Developmental Surcharge,

(iii) Carrying Cost; and

(iv) Add on Premium Price.

147. Insofar as the issue with regard to change in NCDP is

concerned, this Court in the case of Energy Watchdog (supra)

so also in Adani Rajasthan case (supra) and recently in MSEDCL

v. APML & Ors. (Supra) has held that the change in NCDP would

amount to 'Change in Law'. As such, the finding in that regard

warrants no interference.

148. Insofar as Busy Season Surcharge and Development

Surcharge are concerned, we have already discussed hereinabove

as to how it would amount to 'Change in Law'.

149. Insofar as 'Add on premium price' is concerned,

undisputedly, 'add on premium' was required to be paid on

account of cancellation of captive coal blocks and inordinate

delay on account of Go-No-Go policy. As such, it cannot be said

that the reasoning adopted by the learned APTEL is perverse and

arbitrary.

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150. Insofar as the issue with regard to 'carrying cost' is

concerned, we have already discussed the issue at length in the

foregoing paragraphs. As such, no interference is warranted on

that finding also.

151. Insofar as other claims which were concurrently allowed

and disallowed by the CERC and the learned APTEL are

concerned, in view of the concurrent findings, we are not inclined

to interfere with the same.

152. The appeals of both DISCOMS as well as Generating

Companies are, therefore, liable to be dismissed.

Civil Appeal No. 6641 of 2019

153. This appeal is filed by GKEL, being aggrieved by the

concurrent denial of benefits on certain components.

154. As already discussed herein above by us, in view of the

concurrent findings recorded by the CERC as well as the learned

APTEL for disallowing the claims, we are not inclined to interfere

with the same. The appeal is, accordingly, liable to be dismissed.

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Civil Appeal Nos. 5583-5584 of 2021

155. In the present case, the benefit is granted on following

grounds:

Shortfall in domestic coal on account of Change in NCDP;

(ii) Add on premium on account of existing tapering linkage

by three years;

(iii) Busy Season Surcharge

156. The first issue sands covered by the judgments of this Court

in the cases of Energy Watchdog (supra), Adani Rajasthan

case (supra) and MSEDCL v. APML & Ors. (supra) and as such,

no interference is warranted.

157. Insofar as Busy Season Surcharge is concerned, apart from

there being concurrent findings of facts, we have already given

reasons herein above as to how the same would amount to

'Change in Law'.

158. We do not find any merit in the appeals. The same are,

accordingly, liable to be dismissed.

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Civil Appeal No. 39 of 2021

159. The CERC has granted benefit on the following grounds.

 Shortfall in linkage coal on account of NCDP 2013 and SHAKTI Policy;

ii. Change in coal quality pursuant to amendment of the Environment (Protection) Rules, 1986;

iii. Increase in Busy Season Surcharge and Development Surcharge on transportation of coal by Indian Railways; and

iv. Carrying cost on allowed 'Change in Law' claims.

160. The view taken by the CERC has been affirmed by the learned APTEL. As such, the appeal arises out of the concurrent findings of fact.

161. Insofar as first issue with regard to benefit of 'Change in Law' event on account of NCDP 2013 is concerned, the same is squarely covered by the judgments of this Court in the cases of

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Energy Watchdog (supra), Adani Rajasthan case (supra) and

MSEDCL v. APML & Ors. (supra).

162. Insofar as the benefit of 'Change in Law' on account of

SHAKTI Policy is concerned, it is covered by the judgment and

order of the even date of this Court in the case of Civil Appeal No.

5684 of 202110 and in the case of Civil Appeal Nos. 677-678 of

202111.

163. The other components, i.e. change in coal quality pursuant

to amendment of the Environment (Protection) Rules, 1986, and

increase in Busy Season Surcharge and Development Surcharge

on transportation of coal by Indian Railways, have already been

considered by us herein to amount to 'Change in Law' events. We

have also considered the issue regarding 'Carrying Cost'. As

such, no interference is warranted in the concurrent findings by

the learned APTEL, especially in view of the judgments of this

Court. The appeal is, accordingly, liable to be dismissed.

10 Uttar Haryana Bijli Vitran Nigam Limited and another v. Adana Power (Mundra) Limited and another

¹¹ Maharashtra State Electricity Distribution Company Limited v. Adani Power Maharashtra Limited and

another

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Civil Appeal No. 5005 of 2022 and Civil Appeal No. 4089 of 2022

164. The appeals are filed being aggrieved by the order of the

learned APTEL granting compensation on account of 'EFC' and

'carrying cost'.

165. Undisputedly, the EFC was imposed by CIL vide its Circular

dated 19th December 2017.

166. As discussed herein above, it is not in dispute that EFC has

been paid by the Generators while paying the base price, other

charges and statutory charges at the time of delivery of coal. As

such, no interference is warranted with the said finding.

167. Insofar as 'carrying cost' is concerned, we have elaborately

discussed the said issue herein above. As such, no interference,

therefore, is warranted on the said issue also.

168. We do not find any merit in the appeals. The same are,

accordingly, liable to be dismissed.

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VI. EPILOGUE

169. Before we part with the judgment, we must note that we

have come across several appeals in the present batch which

arise out of concurrent findings of fact arrived at by two statutory

bodies having expertise in the field. We have also found that in

some of the matters, the appeals have been filed only for the sake

of filing the same. We also find that several rounds of litigation

have taken place in some of the proceedings.

170. Recently, this Court, in the case of MSEDCL v. APML &

Ors. (supra), has noted that one of the reasons for enacting the

Electricity Act, 2003 was that the performance of the Electricity

Boards had deteriorated on account of various factors. The

Statement of Objects and Reasons of the Electricity Act, 2003

would reveal that one of the main features for enactment of the

Electricity Act was delicensing of generation and freely permitting

captive generation. In the said judgment, we have recorded the

statement of the learned Attorney General made in the case of

Energy Watchdog (supra) that the electricity sector, having been

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Digitally signed by PRASHANT CHATURVEDI Date: 2024. 1.80 22:04:08 IST Reason: AGM Commercial) Location: NTPC Ltd privatized, had largely fulfilled the object sought to be achieved by the Electricity Act. He had stated that delicensed electricity generation resulted in production of far greater electricity than was earlier produced. The learned Attorney General had further urged the Court not to disturb the delicate balance sought to be achieved by the Electricity Act, i.e. that the producers or generators of electricity, in order that they set up power plants, be entitled to a reasonable margin of profit and a reasonable return on their capital, so that they are induced to set up more

171. However, we find that, in spite of this position, litigations after litigations are pursued. Though the concurrent orders of statutory expert bodies cannot be said to be perverse, arbitrary or in violation of the statutory provisions, the same are challenged.

and more power plants. At the same time, the interests of the

end consumers also need to be protected.

172. It will be relevant to note the following observations of the CERC in its judgment and order dated 16th May 2019, passed in

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Petition No. 8/MP/2014, which falls for consideration in Civil Appeal No. 39 of 2021 before this Court:

"(d) Approaching the Commission every year for allowance of compensation for such Change in Law is a time-consuming process. Accordingly, the mechanism prescribed above may be adopted for payment of compensation due to Change in Law events allowed as per PPA for the subsequent period as well."

173. It will also be relevant to refer to some of the observations of the learned APTEL in its order dated 21st December 2021, which falls for consideration in Civil Appeal No.2908 of 2022 before this Court, which read thus:

"115. The Standing Committee of Parliament in its Report (dated 07.03.2018) on Energy titled 'Stressed/ Non-Performing Assets in Electricity Sector' has recognized the financial stress faced by generating companies on account of delay in recovery of Change in Law compensations and has recommended thus:

"The Committee, therefore, recommend that appropriate steps should be taken to ensure that there should be consistency and uniformity with

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Location: NTPC Ltd

regard to orders emanating from the status of change in law. Provisions should also be made for certain percentage of payments of regulatory dues to be paid by Discoms in case the orders of regulators are being taken to APTEL/ higher judiciary for their consideration and decision"

116. The Report lays stress on the obligation of the distribution companies to pay the approved Change in Law compensation even while Regulatory Commission's orders are challenged. The Policy directive dated 27.08.2018 issued in terms of Section 107 of the Electricity Act, 2003 by the Ministry of Power (MoP) to the CERC emphasized on the need to ensure expeditious recovery of Change in Law compensation. The desirability of this was recognized by this tribunal in its judgment dated 14.09.2019 in Jaipur Vidyut Vitran Nigam Limited vs. RERC & Ors, 2019 SCC Online APTEL 98. It is against backdrop that Electricity such (Timely Recovery of Costs due to Change in Law) Rules, 2021, notified by MoP on 22.10.2021, providing for timely recovery of compensation on account of occurrence of Change in Law events have been framed. The MoP, vide notification dated 09.11.2021, put in public domain the policy directive

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on "Automatic pass through of the fuel and power procurement cost in tariff for ensuring the viability of the power" recognizing that in order to ensure that the power sector does not face any constraints in maintaining assured power supply to meet the demand, all the stakeholders in the value chain of power sector must ensure that there is timely recovery of cost. This involves the cost pass through by the generating companies to the distribution companies.

- 117. In sharp contrast, it is seen from the factual narrative of the events leading to the appeal at hand that the appellants (Haryana Utilities) have been adopting dilatory tactics which not only defeats the public policy but also has the undesirable fall-out of adding to the burden of the end-consumers they profess to serve on account of increasing Carrying Cost.
- 118. Concededly, in compliance with the Taxes and Duties Order dated 06.02.2017, the appellants paid to the generator the taxes and duties for certain period but, thereafter, unilaterally withheld such claims, raising issues (found merit-less) regarding IPT of coal for first time in January 2018. It is after the impugned order was passed that the appellants are stated to have started complying, to an

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extent, by making payments. It is the case of the first respondent that the appellants have withheld past payments including towards taxes and duties its entitlement to recover corresponding Late Payment Surchage ("LPS") being over and above the same to be computed after discharge of the former liability. We agree that such withholding is in violation of Articles 11.3.2 and 11.6.9 of the PPAs (quoted earlier) which cast a specific mandate on the procurer (Haryana Utilities) to honor the invoices raised, irrespective of dispute, and impose a specific bar against unilateral deductions/setting off.

119. We find the dilatory conduct of the Utilities, to Haryana delay the implementation of the binding orders concerning compensation on account of coal shortfall and corresponding taxes and duties, detrimental to the interest of end consumers since it burdens the consumers with incremental LPS for delay in making payments to the generator. This cannot be countenanced, given the earlier dispensation on the subject by the statutory regulator and appellate forum(s), since it smacks of approach that is designed to frustrate the legislative command, and extant State policy, as indeed constitutes abject indiscipline infringing the rule of law.

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Borrowing THE WORDS OF Hon'ble Supreme Court in SEBI vs. Sahara India Real Estate Corpn. Ltd., (2014) 5 SCC 429 "non-compliance with the orders passed ... shakes the very foundation of our judicial system and undermines the rule of law" which this tribunal is also duty-bound to "honour and protect", so essential "to maintain faith and confidence of the people of this country in the judiciary"."

[emphasis supplied]

174. It could thus be seen that even the Standing Committee of Parliament, in its report, has recommended that there should be consistency and uniformity with regard to orders emanating from the status of 'Change in Law'. It has also recommended that the provisions should also be made for certain percentage of payments of regulatory dues to be paid by DISCOMS in case the orders of regulators are being taken to learned APTEL/higher judiciary for their consideration and decision. The learned APTEL has also referred to the Policy Directive dated 27th August 2018 issued in terms of Section 107 of the Electricity Act, 2003 by the MoP to the CERC, where it emphasized the need to ensure

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expeditious recovery of 'Change in Law' compensation. The

learned APTEL has also referred to the Electricity (Timely

Recovery of Costs due to Change in Law) Rules, 2021, notified by

MoP on 22nd October 2021, which provide for timely recovery of

compensation on account of occurrence of 'Change in Law'

events. The learned APTEL found that the Haryana Utilities have

been adopting dilatory tactics, which not only defeat the public

policy but also have the undesirable fallout of adding to the

burden of the end-consumers they profess to serve on account of

increasing 'Carrying Cost'. The learned APTEL further found that

withholding of past payments, including towards taxes and

duties by the DISCOMS, is in violation of the provisions of the

PPAs, which casts a specific mandate on the procurer to honour

the invoices raised, irrespective of dispute, and impose a specific

bar against unilateral deductions/setting off.

175. It is further to be noted that this Court, in the case of Uttar

Haryana Bijli Vitran Nigam Limited (UNHVNL) and another

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v. Adani Power Limited and others12, has specifically observed

that the 'Change in Law' events will have to accrue from the date

on which Rules, Orders, Notifications are issued by the

instrumentalities of the State. Even in spite of this finding, the

DISCOMS are pursuing litigations after litigations.

176. We find that, when the PPA itself provides a mechanism for

payment of compensation on the ground of 'Change in Law',

unwarranted litigation, which wastes the time of the Court as

well as adds to the ultimate cost of electricity consumed by the

end consumer, ought to be avoided. Ultimately, the huge cost of

litigation on the part of DISCOMS as well as the Generators adds

to the cost of electricity that is supplied to the end consumers.

177. We further find that non-quantification of the dues by the

Electricity Regulatory Commissions and the untimely payment of

the dues by the DISCOMS is also detrimental to the interests of

the end consumers. If timely payment is not made by DISCOMS,

12 (2019) 5 SCC 325

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Reason: AGM commercial)
Location: NTPC Ltd

under the clauses in the PPA, they are required to pay late payment surcharges, which are much higher. Even in case of 'Change in Law' claims, the same procedure is required to be

followed.

178. Ultimately, these late payment surcharges are added to the

cost of electricity supplied to the end consumers. It is, thus, the

end consumers who suffer by paying higher charges on account

of the DISCOMS not making timely payment to the Generators.

179. It is further to be noted that the appeal to this Court under

Section 125 of the Electricity Act, 2003 is only permissible on any

of the grounds as specified in Section 100 of the Code of Civil

Procedure, 1908. As such, the appeal to this Court would be

permissible only on substantial questions of law. However, as

already observed herein, even in cases where well-reasoned

concurrent orders are passed by the Electricity Regulatory

Commissions and the learned APTEL, the same are challenged

by the DISCOMS as well as the Generators. On account of

pendency of litigation, which in some of the cases in this batch

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has been more than 5 years, non-payment of dues would entail

paying of heavy carrying cost to the Generators by the DISCOMS,

which, in turn, will be passed over to the end consumer. As a

result, it will be the end consumer who would be at sufferance.

We are of the opinion that such unnecessary and unwarranted

litigation needs to be curbed.

180. To a pointed query, the learned counsel for the DISCOMS

fairly conceded the position that the prices at which the

electricity is purchased from the 'Independent Power Producers'

is substantially lesser than the power purchased from the 'State

Generating Companies'.

181. We, therefore, appeal to the Union of India through Ministry

of Power ("MoP" for short) to evolve a mechanism so as to ensure

timely payment by the DISCOMS to the Generating Companies,

which would avoid huge carrying cost to be passed over to the

end consumers.

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182. The Union of India, through MoP, may also evolve a

mechanism to avoid unnecessary and unwarranted litigation, the

cost of which is also passed on to the ultimate consumer.

183. Before we part with the judgment, we place on record our

appreciation for the valuable assistance rendered by Mr. Balbir

Singh, learned Additional Solicitor General, Dr. A. M. Singhvi,

Mr. V. Giri, Mr. M.G. Ramachandran, Mr. C.A. Sundaram, Mr.

Maninder Singh, Mr. Sajan Poovayya and Mr. Niranjan Reddy,

learned Senior Counsel, and Mr. Vishrov Mukerjee, Ms. Poorva

Saigal, Ms. Anushree Bardhan, and Ms. Poonam Sengupta,

learned counsel.

184. In view of the above, all the appeals are dismissed. No costs.

.....J. [B.R. GAVAI]

.....J.
[VIKRAM NATH]

NEW DELHI; APRIL 20, 2023

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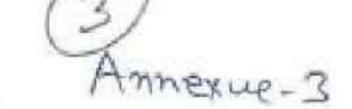
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ANNEXURE-D



DAMODAR VALLEY CORPORATION

P.O-MAITHON DAM,



Tel No. (06540) 279402/279683/278445; Fax No. 06540-274313

ANNEXURES ENCLOSURES FORMING THE PART OF THE AGREEMENT:-

Annexure (1) to (4) mentioned below and annexed hereto shall form the integral part of this Agreement:-

(1) ANNEXURE-'A'

Schedule -I & Schedule -II

(2) ANNEXURE-'B'

Detail of the Company

(3) ANNEXURE-'C'

MD/DVRR/W-6(143)/2020/1243-49 dated 01.07.2020 of Member

Secretary, DVRRC, CWC, Maithon

(4) ANNEXURE-'D'

Letters No.- MRO/Tariff Cell/-1/927 dated 03.07.2020 of Dy. Chief

Engineer (Civil), Water Resources, DVC, Maithon

18/9/2020

For and on behalf of

NEPPORTE /AK Singh

क्षा (प्रकार संबद्धिक / AK Singh

क्षा (प्रकार संबद्धिक / AK Singh

स्पर्दापासी विशेष्टिक / NTPC Limited

स्पर्दापासी विशेष्टिक / North Karanpura STPP

सर्वापुरा एसटापासी / North Karanpura STPP

एनटीपीसी विलिटेड / NTPC Limited एनटीपीसी विलिटेड / NTPC Limited पूर्वा व्यवस्थित / North Kacanpura STPP पूर्वा व्यवस्थित (Jh.) RegisterectiOffice: / Tandwa, Chatra (Jh.) NTPC Bhawan,

SCOPE Complex, Institutional Area, Lodhi Road, New Delhi - 110003 And 1912

CHIEF ENGINEER
For and on behalf of

मुख्य अभियंन्ता (सिवित) तथा विभागाव्यक्ष दा०घा०नि०, मैचन हैम, प्रसबद राज

D.V.C. Maithon Dam, Dhanbad

Kolkata-700054





DAMODAR VALLEY CORPORATION



AGREEMENT

EXECUTED ON 18th day of September-2020

BETWEEN

DAMODAR VALLEY CORPORATION AND

NTPC Limited
For Supply of RAW WATER

NORTH KARANPURA SUPER THERMAL POWER PROJECT

AT

Tandwa

FROM

River Garhi, a tributary of Damodar River FOR INDUSTRIAL (USES)

Allocated Quantity: 12.05 (Twelve Point Zero Five) MGD { 20 (Twenty) MCM/Year}

Posto Pits / A.K. Singh

Totalo Pits / A.K.

4d. Ou

वरिष्ठ मेश्राचि खेपिमला (असे०) Sr. Divisional Engineer (C) कार्यालय, प्रवेषक जलागा प्रभाणक M.R.O. Office



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AGREEMENT

Supply of Raw Water

For

Industrial Use

DAMODAR VALLEY CORPORATION, a Corporation constituted under the Damodar Valley Corporation Act being Act No. XIV of 1948 (hereinafter referred to as "the said Act") and having

its Headquarters of DVC Towers, VIP Road, Kolkata -700 054 in the state of West Bengal thereinafter to as "the First Party", which term shall unless excluded by or repugnant to the subject or context include its successors-in-interest and assigns) of the ONE PART

AND

M/S. STPC Limited, a Limited Company, having their registered office at NTPC Bhawan, SCOPE Complex, Institutional Area, Lodhi Road, New Delhi - 110003 in the state/UT of New Delhi (Hereinafter referred to as "the Second Party" which term shall unless excluded by or repugnant to the subject or context include its successors-in-interest and/or permitted assigns) of OTHER PART.

TOUR PARTY INTO KARAGE (Jh.)

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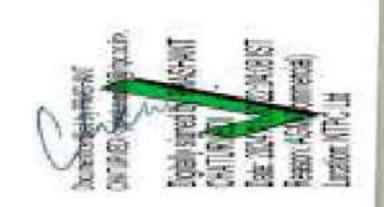
वरिष्ठ मंहसीये अभियन्ता (असै०) Sr. Divisional Engineer (C) कार्यालय, प्रबंधक जलागार प्रचालन M.R.O. Office

दौ.धा.नि. मैथन/D.V.G



2050/1-4/1-4/12/- 2005/-- 05/-4/12/- 000 - 50





WHEREAS one of the functions of the First party under Section 12(a) of the said Act is the promotion and operation of the schemes inter-alia for the supply of water in the Damodar Valley.

AND WHEREAS under the provisions of Section 15 of the said Act the First Party is vested with power to determine and levy rates for bulk supply and retail distribution of water for industrial purposes and specify the manner of recovery of such rates.

AND WHEREAS under the provisions of section 17 of the said Act construction, operation or maintenance in the Damodar Valley of any dam or other work of any installation for extraction of water shall not be effected by any person without the consent of the First Party.

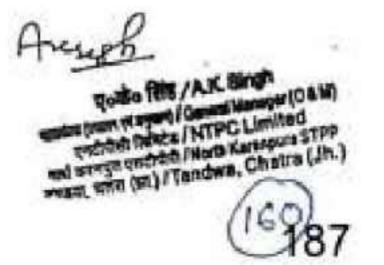
AND WHEREAS the Second Party has requested the First Party under cover of its letter No. Nil dated 14.09.2020 annexed hereto, to allow it to construct, operate and/or maintain the water supply scheme and to allow it to have a supply of water from River Garhi, a tributary of Damodar River for their North Karanpura Super Thermal Power Project, Tandwa, District-Chatra (Jharkhand), PIN- 825415 in accordance with the approved plan and drawing forwarded by Chief Engineer (Civil), DVC, Maithon wide letter no.- Nil & Letters No.- MRO/Tariff Cell/-1/927 dated 03.07.2020 of Dy. Chief Engineer (Civil), Water Resources, DVC, Maithon and also the letter No. MD/DVRR/W-6(143)/2020/1243-49 dated 01.07.2020 of Member Secretary, DVRRC, CWC, Maithon annexed hereto for Industrial purpose as laid down in the relevant provisions of the said act.

AND WHEREAS the First Party has agreed to such construction, operation and/or maintenance of the water supply scheme and has further agreed to such supply of water to the Second Party for an initial period of five years as referred to in Clause- 16 here-in-under on the terms and conditions as hereinafter appearing.

NOW THIS AGREEMENT WITNESSTH AND IT IS HEREBY DECLARED AND AGREED AS FOLLOWS:-

01. (a) PERMISSION:

The "First Party" hereby grants to the "Second Party" the permission to construct, operate and/or (i) maintain the said water supply scheme in accordance with the Plan and Drawing annexed hereto and to extract such quantities of water from River Garhi, a tributary of Damodar River for the purpose of NORTH KARANPURA SUPER THERMAL POWER PROJECT at Tandwa as the "Second Party" may require upto 12.05 (Twelve Point Zero Five) MGD { 20 (Twenty) MCM/Year) at the point in the River Garhi, a tributary of Damodar River indicated in the said plan and Drawing annexed hereto and in the manner hereinafter mentioned provided the "Second Party" desiring to increase or decrease the quantity of water to be extracted as permitted aforesaid the "First Party" may require the "Second Party" to give the "First Party" THREE(3) MONTHS' notice in writing and approach DVRRC stating the quantity of water required and the "First Party" after receipt of approval of DVRRC will permit the additional drawal of water depending on the condition prevailing at that time provided further that failure on the part of 'the First Party' will not be construed as breach of this Agreement. the sourcing point and allocation of water by DVRRC is function-specific. The allocation shall, in no way, be utilized /misused by 'the Second Party' by sale of water to any other consumer or its sister concern (or any agency on its behalf) for any purpose whatsoever, in the event of any such act, the same will be construed as breach of the terms and conditions of this agreement on the part of 'the Second Party' as specified in clause-17





- (i) The "First Party" who is seized and possessed of and is otherwise well and sufficiently entitled to the plots of land measuring Nil of DVC land, more particularly described in the drawing hereto annexed, hereby grants to the "Second Party" the right to use/build at his own cost, the intake works comprising the pump house supporting structures and approaches and also lay down pipes and other works on the above mentioned piece and parcel of land.
- (ii) These structures and pumping installations shall be the property of the "Second party" and shall be maintained by them.
- (iii) The "Second Party" shall apply to the "First Party" for extension of the license-period of the temporarily allotted piece of land for permissive possession/occupation for the specific use if applicable as mentioned hereinabove in Cl. 01.(b).(i) before expiry of every license-period/term of 11 (eleven) months as per the subsisting rules & regulations for temporary use/permissive possession/occupation. The "Second Party" hereby agrees to comply with all the existing terms and conditions as may be decided by the Corporation from time to time and agrees to pay the license fee as may be revised time to time without raising any dispute in this regard.
- (iv) For the temporary use/occupation of the sald Nil of DVC land, the second party shall pay the "First party" a license fee 0 @ Rs. 6/- sq.ft. per term of 11 (eleven) months from the date of permissive possession/occupation of the sald land if applicable, is made over to the 'Second Party'.

The aforesaid license-period and the rate of license fee may be altered and /or revised and/or enhanced as per discretion of 'the FIRST party' and 'the SECOND PARTY' agrees to make the payments as per the revised rate as and when made applicable.

- (v) The "Second Party" shall not be entitled to transfer or let out the said land to others without the consent of the "First Party".
- (vi) The "First Party" shall not put up any structure of its own on the aforesaid piece of land without the consent of the "Second Party" which shall not be unnecessarily withheld.
- (viii) On the termination of the tenure of the temporary use and occupation period, the "Second Party" shall quit, vacate and deliver peaceful possession of the said land by removing the intake works built thereon and restoring it to its original condition at his own cost.
- (viii) Neatness and cleanliness of the area occupied should be observed by the "Second Party"

02. APPROVAL OF PLAN & DRAWING INSPECTION:

The installation of the "Second Party" required for extraction of water at the point on the River Garhi, a tributary of Damodar River indicated in the said plan and Drawing shall be duly approved by the "First Party" before erection provided the "First Party" or its representatives duly authorized in that behalf shall, from time to time, and at all times be entitled to enter such installations of the "Second Party" for inspection.

Arcseph AK. Singh (0.5 M)

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वरिष्ठ मंडलीय अभियन्ता (असै०) Sr. Divisional Engineer (C) क्यांलयं, प्रबंधक जलागार प्रचानने M.R.O. Office

रा.च.नि. मेथन/D.V.C. Maithon

03. (a) EXCESS DRAWAL:

No drawal in excess of the water, as permitted shall be made by "the second party" without obtaining the specific prior written permission/approval of DVRRC and subject to such terms and conditions as "the First Party" may like to impose. Notwithstanding, whatever is mentioned in this agreement regarding excess drawal, it is hereby agreed and accepted by the second party that, for the quantities of water consumed in excess of the approved monthly drawal and for any other unauthorized drawal of water, sanctioned quantum will be charged and normal rate plus overdrawal/unauthorized drawal in excess of sanctioned drawal on monthly basis will be charged a 2 (Two) times the normal rate.

(b) LESS DRAWAL:

The less drawal of water by 10% or more of the agreement quantity during any 5 (five) consecutive years will automatically call for revision of the agreement quantity. The revised agreement quantity will be reduced to average of preceding 5 yrs' actual drawal, without making any further reference to the consumer incorporating the actual average drawal. However, the consumer may opt to apply to DVARC for increase the quantity as per provision under Clause -1(a) hereinabove.

04. MODE OF MEASUREMENT & METERS:

For the purpose of measurement of the quantity of water extracted, the "Second Party" shall under this Agreement, with the prior Approval of the First Party, install at such points as may be indicated by 'the First Party', as many meters or as equal to the different type or types of uses of water so as to register the quantity of water for the purpose of determining the water drawal pattern (excess/less drawal) of the Second Party in such units of measurement as may be adopted by "the First Party"

from time to time provided that for the purpose of checking the accuracy of the meter/meters installed by "the Second Party", "the First Party" may install check meters or other mutually agreed upon check measures and "the Second Party" shall provide all facilities such as log book etc. required by "the First Party" for such installation or such check.

It shall be responsibility of the 'Second Party' to repair/rectify/replacement of meter/meters within a period of 30 days from the date of detection of the fault by either party. And that 'the second party' has to submit a report certified by the representative of the first party every year regarding their compliance with proper and satisfactory functioning of meter with proper logging of meter readings which will be given due importance during periodic review of water utilization by DVRRC. Non-compliance of above may tantamount to cancellation of water allotment.

The reading of the meters referred to above shall be jointly taken by the accredited representative of the consumer and Corporation on/or as near as practicable to the last day of each English calendar month or as decided by the corporation and the reading so taken shall be binding, final and conclusive between the consumer and the Corporation as to the quantity of water drawal by the consumer , provided that in the event of any meter being found defective and the quantity of drawal of water during the period when the meter was defective shall be determined, unless otherwise mutually agreed as detailed in clause – 6 & 10 here-in-under.

Posto Pets /AK Singh



Damodar Valley Corporation Office of the Manager Reservoir Operations Maithan Dam, Dhanhad Jharkhand-828 207

Phone: 06540 279445

No.: MRO/Tariff Cell/ NKSTPP / 20 3 2

Dated-

18-09-2020

To

The Authorized Signatory, ANIL KUMAR SINGH

M/S. NTPC LIMITED

NTPC Bhawan, SCOPE Complex, Institutional Area, Lodhi Road, New Delhi - 110003

Sub.: Execution of Agreement for Water withdrawal of 12.05 (Twelve Point Zero Five)
MGD [20 (Twenty) MCM/Year] of Raw Water for M/S NTPC LIMITED NTPC Bhawan,
SCOPE Complex, Institutional Area, Lodhi Road, New Delhi - 110003

Dear Sir.

Dated.

18-09-2020

Enclosed, please find here with a copy of the Agreement for drawal of 12.05 (Twelve Point Zero Five) MGD (20 (Twenty) MCM/Year) of Raw Water for NTPC Limited, on 18-September-2020 for your record.

Yours faithfully.

(Md Omair)

Sr. Divisional Engineer (Civil).

Tariff Cell, MRO'S Office, DVC, Maithon





05. SEALING OF METERS :

All meters referred to in the above mentioned Clause - 04 excepting the ones with automatic recorder on charts if any, shall be properly sealed on behalf of both the parties hereto and shall not be interfered with by either party except in the presence of the other party or its representatives duly authorized in that behalf.

06. METER READING, INSPECTION & BASIS OF PAYMENT:

The Control Valve House housing the meter/meters of 'the Second Party' shall remain in the custody of 'the second Party' and 'the First Party' through its representative duly authorized in that behalf shall at all times be entitled to enter the said Control Valve House and inspect the meter/meters. The meter reading shall be entered up daily at 9.00 hours in a register by the second Party or its representatives duly authorized in that behalf. The readings may be checked and attested by 'the First Party' or its representative duly authorized in that behalf, at convenient intervals

Provided that where it is not possible to record the quantity of water extracted for a particular use directly owing to the absence of a meter directly recording such quantity, the quantity extracted for such use shall be determined by taking the difference between the quantity recorded in the main meter, recording the total quantity extracted for all uses under this Agreement, and the quantity recorded for the other uses for which there may be direct meter/meters.

Provided further that if this meter/meters installed by 'the second party' for recording the quantity of water is/are out of order, the quantity of water extracted may be assessed by taking the average of the quantity extracted during the preceding 3 (three) months as per the reading of the meter/meters, provided further that nothing as aforesaid shall prevent the respective parties from arriving at a mutual settlement as regard the quantity of water extracted during the above period for the purpose of ascertaining excess/less drawal by the second party.

The basis of payment shall be the quantity of water extracted in a month. In other words, bills shall be raised monthly or quarterly or as decided by the corporation, based on the extracted quantity.

07. QUANTITY OF WATER CONSUMED OR EXTRACTED:

The Registers of meter reading referred to in the above mentioned Clause- 06 or the assessed quantity of water mutually agreed upon by and between both the parties hereto or the average of the quantity of water extracted during the three months as aforesaid or computed by taking the difference between the direct recording and main meter shall be the prima facie evidence of the quantity of water extracted by 'the second Party'.

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Sr. Divisional En

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DE. PRUPHIETARY RIGHT OF METERS AND UPKEEPMENT:

Meters as mentioned in the above mentioned Clause -04 shall be the property of 'the Second Party' and 'the Second Party' shall be liable for the upkeepment of the meter and for carrying out test once a year or more to the satisfaction of the First Party about the accuracy of such meter/meters.

09. ACCURACY OF METERS ;

In the event of any dispute or difference between 'the First Party' and the Second Party as to the sufficiency or accuracy or state of repair or condition of the said meter or as to the quantity of water extracted through such meter, such difference or dispute shall be referred to and determined by an Engineer to be appointed by both the parties hereto.

10. BASIS OF ASSESSMENT IN ABSENCE OF METER:

(a) It is accepted and agreed by the 'Second Party' that the total quantity of consumption of water for the month shall be computed by the first party on the basis of actual drawal of water and the bills shall be raised on such quantity as referred to in Schedule-I & II. However, the Second Party is required to install and commission the meter(s) up to the satisfaction of the First Party for ascertaining excess/less drawal as referred to in clause 3.(a) & 3.(b) hereinabove.

(b) If at any time the meters installed for measurement of water extracted shall at any time, cease to register correctly or be removed for repair, calibration etc., then for the period until the said meters shall have been repaired replaced or otherwise adjusted as to register the quantity of water passing through it correctly, the quantity shall be computed as per proviso of clause 06 hereinabove. The First Party, however, shall be entitled to charge and 'the Second Party' shall be liable to pay for such quantity of water as mentioned in Schedule-II and the bills shall be continued to be raised by first party based on the extracted quantity as mentioned hereinabove.

Notwithstanding the bills shall be raised as per provisions contained in preceding cl. 10.(a). The Second Party shall make every Endeavour to get the meter repaired and installed to the satisfaction of the First Party within a period of 1(one) months.

11. BILLS & PAYMENTS:

(a) Bills & Tariff:

The price for supply of water shall be charged to the 'Second Party' in accordance with Schedule-I & the First Party's 'Schedule of Rates' as given in Schedule-II and other conditions in force from time to time, provided that any levy such as any Surcharge, Sales Tax, Octroi or any another amount by whatever other name called known or made by the Corporation, the state Government or any other competent authorities on quantity of water allocated to the 'the second Party' under this agreement, shall be paid by 'the second Party'.

Total Pitt / A.K. Singh

Total Pitt / A.K. Sin

Hd. 00

वरिष्ठ मंडलीय अभिधना (अते०) Sr. Divisional Engineer (C) कार्यातय, प्रवेधक मसामार प्रमाणन M.R.O. Office ग्रा.पा.नि.. मेरन./D.V.C. Marthon

ACERICAE HIGH



(b) Security Deposit: Applicable

The First Party may require the Second Party to deposit a Security Amount of Rs. 5,77,02,323/- (Rs. Five crore Seventy Seven Lakh Two Thousand Three Hundred Twenty Three Only) equivalent to water charges for three calendar months, considering quantity allocated in 12.05 (Twelve Point Zero Five) MGD (20 (Twenty) MCM/Year) specified in Clause-1(a) and given in the schedule –I annexed hereto and or as modified as per clause-13 here-in-under and as per the prevailing water rate mentioned in schedule of rates in Schedule-II. The Second Party shall have to pay altered security amount if the quantity of allocation is changed by DVRRC as per the terms of this agreement and as and when the water rates are revised and notified to the second party from time to time during the tenure of this agreement. In the event of termination of this agreement such security deposit shall be refunded after adjustment of dues, if any, to the Second Party without any interest thereon.

(c) Periodicity of Billing:

Bills will be raised to the Second Party monthly/quarterly based on actual drawal or as decided by the Corporation as the case may be. It will be the responsibility of second party to make the aforesaid payment within the due date without raising any dispute in this regard.

(d) Mode of payment:

The 'second party' shall pay the bill amount to the first party's office at Kolkata by RTGS/Cheque/Demand Draft drawn on Kolkata Branch of any Nationalized Bank, payable to Executive Director (Finance), DVC, Kolkata-54 within within 30 days from the date of issue of the bill. The license fee, however, is to be paid by the second party as per terms mentioned in Clause- 1 (b).

(e) Provisional Billing for disputed bills:

In the case of any disputed bill(s) and or non-receipt/delayed receipt of bill, the second party shall collect the duplicate bill from the office of first party and make the payment immediately. However Delay Payment Surcharge, if applicable, as mentioned here-in-under in clause 11.(f) shall have to be borne by the second party. In case of disputed bills, the second party shall continue to pay full amount as per the bill raised by the first party. The necessary adjustment shall be done by the first party on resolution of dispute and/or differences.

(f) Delay Payment Surcharge:

If 'the second party' fails to make the payment of any bill amount within the due date, the second party shall pay the surcharge of 2.0 % per month on the amount of the bill from the due date of payment to the date of receipt of such amount in first party's office at Kolkata/ in Corporation's Account which shall be treated as date of payment. The rate of Delay Payment Surcharge is however liable to revision from such date as the Corporation may decide with prior notice of one month in writing to the consumer.

(g) Default in payment:

In the event any bill remaining unpaid for 60 days from the date of issue of the bill, the first party shall give the second party 7(Seven) days' clear notice in writing of its intention to discontinue the supply of water and on the expiry of such period if the payment has not been received, 'the first party' may forthwith discontinue supply of water to the second party till the period the default continues. Such discontinuance of supply shall not be deemed as breach on the part of the Corporation to comply with any of the terms of this Agreement and shall not relieve the consumer of its obligations and liabilities under the Agreement.

In the event of any dispute on the amount of the bill the consumer shall submit the in details indicating the reason/reasons for such dispute and the aforesaid dispute/disputes normally shall be resolved by mutual discussion and/or mutual exchange of written documents between the consumer and the Corporation through authorized representative within 30 (thirty) days from the date of receipt of such reference made by the second party to 'the First Party'

12. MODE OF SUPPLY UNDER NORMAL & ABNORMAL CONDITION:

Save as provided herein 12.05 (Twelve Point Zero Five) MGD (20 (Twenty) MCM/Year) which, however, need not be continuous, throughout 24 hours, shall be available to 'the Second Party' provided that in case of draught or other unforeseen circumstances, force majeure or any other cause over which the First Party has no control, the First Party shall not be responsible for any diminution or discontinuance of supply on such occasions, but it shall restore the normal conditions of supply as soon as it reasonably can be done to the extent possible.

"The First Party" shall not be considered to be in default or in breach in supplying agreed quantity of raw water due to causes beyond the control of the "The First Party" such as acts of God, Natural Calamities, Civil Wars, Fire, Draught, Riot and acts of unsurpassed power, etc.

13. VALIDITY PERIOD OF QUANTUM OF WATER ALLOCATION:

Notwithstanding whatever is stated herein above, the allocated quantum of water for drawal by 'the Second Party' i.e. Initial allocation of quantity (in MGD/Cusec) by DVC/DVRRC shall remain valid for INITIAL AGREEMENT period of 5 (five) years.

In case the average drawal by the second party during the initial agreement period of five years is not below 90% of allocated quantity, then the allocated quantity as specified in Clause- 1(a) shall be treated as the 'allocated quantum' of water for drawal by 'the second party' during the forthcoming period provided that the average drawal during last consecutive 5 (five) years is not less by more than 10% of allocated quantity at the time of review by DVRRC.

In case the drawal is found less by more than 10%, the first party may reduce the quantum of allocation accordingly based on the average drawal. However, the second party shall have the liberty to apply for increasing the re-allocated quantity as per provision of Clause- 1(a). Any change in the allocated quantity after review by DVRRC Shall deem to replace the quantity of drawal specified in Clause- 1(a) and Schedule- I annexed hereto.

Fresh application for re-allotment of the earlier quantity of water for drawal by the second party, shall be required to be submitted by 'the Second Party' twelve(12) months prior to expiry of the initial agreement block of 5 (five) years.

If the fresh application as above, is not submitted by 'the second party' in due time to the review committee of DVRRC, 'The first party' shall have the right to reduce ex-parte the re-allocation of water as decided by the committee as deemed fit for equitable distribution taking into consideration the average drawal by the second party during the preceding 5(five) years.

'The second party' hereby accepts and agrees to the aforesaid re-allocation of water without any dispute and the bills shall be raised on the basis of the drawal quantity in MGD.

Today (HK / A.K. Singh

Today (HK / A.K. Singh

Today (No. 1) Constitution (O. 14)

Today (No. 14)

Today

14. KULES & REGULATION:

'The Second Party' agrees to conform to and abide by all rules and regulations made by the First Party including guidelines for water allocation set by DVRRC now in force and/or which may from time to time be made by the First Party consistent with this agreement relating to the extraction of water from the First Party's sources within the statutory limit of the said Act.

'The second party' shall ensure the optimal use of allotted quantum for the specific purpose and surrender the wasteful usage from the allotted quota. 'The second party' shall take all cares to avoid any untoward hydraulic conditions and undesirable changes in the river/supply channel.

'The second party' shall also ensure that the minimum flow in the river channel required for ecological balance is not interfered with. The Second Party shall take care that the intake structure and drawl of water, under no circumstance be detrimental to the safety and operation procedures of adjoining intakes/reservoir bridges both upstream & downstream of the intake point and also that the proposed intake is strong enough to be able to withstand floods in the river.

Notwithstanding whatever is stated in Clause-13 above, the review committee for allocation of water shall have prerogative to review periodically to reflect and incorporate the changes which take place in the realm of Water Resource Management.

"The Second Party" will ensure that the effluent water discharging out of the plant/industry will conform to the latest rules/bye laws/ regulations/prescribed water quality parameters by pollution control board of respective State Governments and/or Central Government.

Notwithstanding that the Corporation may not have acted on some previous breach, defaults or event of like nature on the part of the second party, it shall be lawful for the Corporation to enforce the terms and conditions of these presents in the event of a subsequent breach, default or event of like nature in all matters related to withdrawal of row water by 'the Second Party'.

Any waiver by 'the First Party' of any breach of the terms and conditions of this agreement by the Second Party shall not constitute waiver of any subsequent breach of any other terms or conditions of this agreement.

15. DISPUTE OR DIFFERENCE & ARBITRATION:

Any dispute(s) or difference(s) arising out of or in connection with the agreement at any time between the 'First Party' and the 'Second Party' shall to the extent possible be settled amicably between the parties.

In the event of any dispute(s) or difference(s) whatsoever arising under the agreement or in connection therewith including any question relating to existence, meaning and interpretation of the agreement or any alleged breach thereof, the same shall be referred to the Secretary/CEO of Damodar Valley Corporation, Kolkata-700 054, to nominate Sole Arbitrator for settlement of disputes.

The Arbitration shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996 or any statutory modification thereof or for the time being in force or the latest. The decision/judgment of the Sole Arbitrator shall be final and binding on both the parties. The cost of Arbitration shall equally be borne by both the parties. The venue of Arbitration shall be at Kolkata.

However, in case the 'Second Party' is a Central Public Sector Enterprise/Govt. Department, the dispute arising between the parties shall be settled through Permanent Arbitration Machinery (PAM) / Administrative Mechanism for Resolution of CPSEs Disputes (AMRCD) of the Department of Public Enterprise, Govt. of India, which is applicable, as per prevailing rules.

All suits arising out of dispute(s) or difference(s) between the 'First Party' and the 'Second Party' are subject to jurisdiction of Court in the City of lightary a subject to jurisdiction of Court in the City of lightary a subject to jurisdiction of Court in the City of lightary a subject to jurisdiction of Court in the City of lightary as subject to jurisdiction

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TENNURE OF AGREEMENT OR VALIDITY: 16.

This agreement shall subject as hereinbefore provided be and remain in force for a period of 5 (five) years initially from the date of commencement of supply under this Agreement and thereafter shall continue uninterruptedly under the existing terms and conditions until determined by either party after the expiration of the fifth or any subsequent year on giving 3 (Three) months' prior notice in writing of such intention and at the expiration of such notice this Agreement shall absolutely cease and determine but without prejudice to the rights and remedies, if any, of either party which may have accrued or arisen hereunder in the meantime and provided that the Second Party shall on giving the First Party 3 (three) months' prior notice in writing of such intention be at liberty at any time after the expiration of the fifth or any subsequent year to terminate this Agreement by making payment of the charges equal to water charges for one year as per Schedule of Rates (Annexed as Schedule-II) in force at that time.

17. TERMINATION:

If 'the 'Second Party' commits any breach of the terms and conditions of this agreement or if there is any default on the part of 'the second Party', 'the First party' will be at liberty to terminate this agreement upon one months' notice to 'the second party' without prejudice to the rights and remedies, if any, which may have accrued or arisen thereunder.

Todo PHE / A.K. Singh

वरिष्ठ मंडबीय अभियन्ता (असै०) Sr. Divisional Engineer (C) कार्यालय, प्रवेधक जलागार प्रचालन M.R.O. Office दा.पा.नि. मेवन/D.V.C. Maithon





IN WITNESS WHEREOF THE PARTIES TO THESE PRESENTS HAVE HERE UNTO PUT THEIR REPECTIVE HANDS AND SEALS EACH THE DAY AND YEAR FIRST ABOVE WRITTEN.

The Agreement along with Schedule of rates would come into effect on and from the date of

SIGNED, SEALED AND DELIVERED FOR AND ON BEHALF OF DAMODAR VALLEY CORPORATION

नुस्य अभियंसा (विवित्त) तथा विसमाहरू

राज्यावनिक, मैयन डेम, यनसद

Chief Engineer (Civil) & HoD D.V.C. Maithon Dam, Dhanbad

WITNESS

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वरिष्ठ महिलीप अभिवाद (असैक) र कार्या कर (Name & Address) Sr. Divisional Engineer (C) कार्यातय, प्रयंगक जलागार प्रचालम

M.R.O. Office 可.如.后. APRION.O. Medikita

Registered Office: NTPC Bhawan, SCOPE Complex, Institutional Area, Lodhi Road, New Delhi - 110003

WITNESS 1019/2020 (P. C. North) NTYC/NKSTPP, Tandwa Dist - Chatra

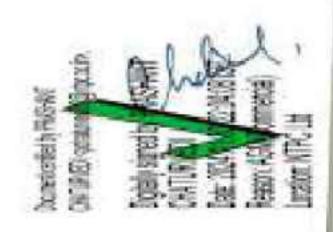
(Name & Address)

(MULARI PRAJAD)

NTIC/NESTEP, Tandus

Dist-- clater





SCHEDULE- I

[Referred to in Clause-1(a)]

| Quantity of Water allocated by | DUDDE I | | | |
|--|----------------------------------|------------------------------|--|---------------|
| Quantity of Water allocated by Thermal Power Project, Tandwa, Five) MGD (20 (Twenty) MCM/Ye | District-Chatra (Jharkhand), ar) | NTPC Limited PIN- 825415, | , North Karanpura 12.05 (Twelve Point | Super Zero |
| 0.00 | | | | |

Oct . ___ of two thousand and Twenty the date of commencement of water drawal:

[N.B.: The quantity of raw water allocation as revised by DVRRC from time to time as per the provision of the agreement shall from the integral part of this agreement)

SCHEDULE- II

[Referred to in Clause-11] SCHEDULE OF RATES

FOR RAW WATER SUPPLY

| SOURCES OF DRAWAL | INDUSTRIAL | DOMESTIC/MUNICIPALITY/I | |
|---|------------|-------------------------|--|
| | Rate | Rate | |
| Reservoir / River (Per KL) | Rs. 11.704 | Rs. 1.811 | |
| Extra Charges for drawing water from water supply canal (Per KL) | Rs. 0.52 | | |

The Tariff will be enhanced annually at the end of every financial year (i.e. w.e.f. 1st April) as follows:

(i) For Domestic/Municipality/PHED use - 05% shall be increased in raw water tariff annually. (ii) For Industrial use - 10% shall be increased in raw water tariff annually.

Note: 1) The Water Supply Bills shall be raised on the basis of actual drawal quantity as for all the consumers with the above tariff.

2) An incentive of 10% on the monthly billed amount will be allowed to those Industries who have taken appropriate measures for 'Zero Effluent Discharge". The said incentive will be applicable only if the payments are made within due date and on production of regulsite certificate from State Pollution Control Authority.

N.B. : Revised rate will be applicable as and when notified by the Corporation.

CHIEF ENGINEER

Forumula Pakahali Rimma

DAMODAR WATLEBUIGORRONALIDING Dam, Dhanbad

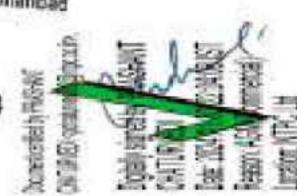
Registered Office:

NTPC Bhawan,

SCOPE Complex, Institutional Area, Lodhi

Road, New Delhi - 110003

Kolkata-700054



Performa of information to be submitted by the company

DETAILS OF THE COMPANY

A. DETAILS OF APPLICANT:

| 01 Name in Capital Letters | ANIL KUMAR SINGH |
|---|---|
| 02.Designation | GM (O&M) |
| 03.Relationship with Intending Consumer | EMPLOYEE |
| 04.Complete Postal Address | North Karanpura Super Thermal Power Project, Tandwa, District-Chatra (Jharkhand), PIN- 825415 |
| 05 Telephone No. | 9650998516, 06559-256412 |
| 05.FAX No. | 06559-256403 |
| 07 E Mail Address | aksingh18@ntpc.co.in |
| | |

B.

DETAILS OF THE WATER CONSUMER:

1

Details of Registered Office:

| | Postal Address: | NTPC Bhawan, SCOPE Complex, Institutional Area, Lodhi Road, New Delhi - 110003 | | |
|--|------------------|--|--|--|
| | Telephone No. : | : +91 11 24360100, 24387000, 24387001 | | |
| | FAX No.: | 011 24361018 | | |
| | E.Mail Address : | : ntpccc@ntpc.co.in | | |

2

Details of Contact Person:

| NAME: | SHRI ANIL KUMAR SINGH | | | |
|----------------|-----------------------|---|--|--|
| | Postal Address: | North Karanpura Super Thermal Power Project, Tandwa, District-Chatra (Jharkhand), PIN- 825415 | | |
| Contact Person | Telephone No. : | 9650998516, 06559-256412 | | |
| | FAX No.: | 06559-256403 | | |
| | E.Mail Address (05 th | aksingh18@ntpc.co.in | | |

Augh com





| 3 | Complete Billing Address: | | | |
|-----------------|---------------------------|--|--|--|
| Billing Address | Postal Address: | North Karanpura Super Thermal Power Project, Tandwa, District-Chatra (Jharkhand),PIN- 825415 | | |
| | Telephone No. : | 9650998516, 06559-256412 | | |
| | FAX No. : | 06559-256403 | | |
| | E.Mail Address : | aksingh18@ntpc.co.in | | |

C. DETAILS OF PROJECT/UNIT/PUMP LOCATION ETC.:

| 06. Police Station Name & No. 07. Name of Post Office | P.O Tandwa , NTPC North Karanpura, PIN-825321 | | | |
|--|---|--|--|--|
| with PIN 08. District | Chatra | | | |
| 09. Postal Address of he Plant/ Unit site | North Karanpura Super Thermal Power Project, Tandwa, District-Chatra (Jharkhand),PIN- 825415 | | | |
| 10. Point of Water | Intake Well at River Garhi Latitude: 23 degree 51 minute 21 second Longitude: 85 degree 02 minute 05 second | | | |
| elephone No. | | | | |
| AX No. | | | | |
| Mail Address | | | | |
| Location of Water L | lorth Karanpura Super Thermal Power Project atitude: 23 degree 50 minute 48.86 second ongitude: 85 degree 01 minute 0.07 second | | | |
| Location of Pumping | ntake Well at River Garhi aliand 1989 degree 51 minute 21 second | | | |

| 13. Number of pumps installed | Six (06) Nos. |
|--|---|
| 14. Capacity of pumps | 3000 m3/hr (cubic metre per hour) (each pump) |
| 15. Location of water meter | At Intake Well pump house |
| 16. Location of Intake | Intake Well at River Garhi Latitude: 23 degree 51 minute 21 second Longitude: 85 degree 02 minute 05 second |
| 17. Quantum of water withdrawal in MGD (approved by DVRRC) | 12.05 (Twelve Point Zero Five) MGD (20 (Twenty) MCM/Year) |
| 18. Date of Commencement of water withdrawal from pumping station (to be filled up later) | 01/10/2020 |

D.

DETAILS OF RAW WATER USAGE:

(Attach Separate sheet, if necessary, giving details):

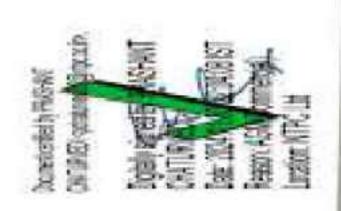
(1) Make up water to plant

Property Charles (Jh.)

Registrature with full name of person

The Agreement & Stamp/ Seal of Company







DAMODAR VALLEY CORPORATION दामोदर घाटी निगम



OFFICE OF THE CHIEF ENGINEER (CIVIL).

| P | O MAITHON | DAM | DHAMBAD | HARVHAND | PIN - 828207 |
|---|--------------------------------|-----------|-------------------|------------------------|--------------|
| | CO. THE PERSON NAMED IN COLUMN | 1,755,151 | LEPTENTURED IN 13 | ATTRIBUTE TO PROPERTY. | Fig DECEMBER |

| f. No. : CE (C) / Tariff /22-23 | | A CONTRACTOR OF SALES OF THE PARTY OF THE | SAD, JHARKHAND, PIN | Date: 06- | October-2022 |
|---|---|---|---|-------------------------------------|----------------------------|
| LL FOR RAW WATER DURI | | | 01-0 | 19-2022 To 30-09-2 | 022 |
| ILL FOR RAW WATER FOR | | NTPC, NORTI | H KARANPURA SUI | OWER PROJECT | |
| | | BILL NO. CE (C |)/Tariff/NK/169/3 | | |
| · 6, | | BILL DATE: 06-10-2022 | | DUE DATE: 05-11 | -2022 |
| he General Manager (O & N Forth Karanpura Super There | | Sanctioned Allocation: 12.05 MGD As per sanction of DVRRC | | | |
| roject, Tandwa, Dist Chatri IN- 825415 | | Agreement Executed | Agreement Executed on: 18-September-2020, Tennure of Agreement: | | t.: 5 Years |
| | | Method of Measureme | ent : Meire Reading | | |
| Billing Month : Septem | ber-2022 | Number of Days in the | e Month: 30 | Actual Withdrawal: 4.9 | 56 MGD |
| | | DESC | RIPTION | | |
| Source of Water D | tawal | | River Garhi, a tribu | tary of Damodar River | |
| Purpose for water withdrawal | Actual withdrawal Quantity (Gallon) | Quantity for Bill (Gallon) | Quantity in Kilo Litre | Drawal rate per Kilo Litre (Rs.) | Amount (Rs.) |
| | (I) col. | (II) col. | (IIII) col ~II col. X 0.00454196j) | (IV) col. | (V)col. = (Bleck X IV col |
| Prescriptive Right | 0 | | | | |
| Domestic | 0.00 | 0.00 | 0.0000 | 0 | 0.0 |
| Industrial | 136965129.48 | 136965129.48 | 622638.0000 | 14,162 | 8817799. |
| Extra charges for drawing wat | er from Water Sup | ply Canal (Per KL.) | | 0 | 0.0 |
| (10 %) Incentive for Zero Eff | luent Discharge, if | paid | Les Lander Land | | 0.0 |
| Adjustment, if any | | | TOLERO L | Mines Laborated | 0.0 |
| Augustinesis, is may | | | | Total Charges | 8817799.3 |
| Total Charges (for the current month) E.& O.E. | (Eighty Eight L | akh Seventeen Thousa Nine Only | and Seven Hundred Ninety) | Say (Rs.) (A) | 8,817,79 |
| | | | Outstar | nding Dues (Rs.) (B) | |
| 11/5 | TEN ST | | Delay Payment S | urcharge (Rs.) (C) | |
| Total Dues (Rs.) (A+B+C) | (Eighty Eigh | (Eighty Eight Lakh Seventeen Thousand Seven Hundred Ninety Nine Only) | | | |

1. The G. M.(Finance), DVC Towers, Kolksta-54

The G. M.(Finance), DVC Towers, More Towers, To

(commercial) Location: NTPC Ltd

NOTICE

REVISION OF WATER TARIFF FOR SUPPLY OF RAW WATER FOR INDUSTRIAL & DOMESTIC USES

Damodar Valley Corporation (DVC) has revised, vide Resolution No.- 8900 (Agenda Item No. - 10.) of 641 meeting of Corporation held on 25th June 2019, the rate for Industrial & Domestic Water Supply of raw water with effect from 01.04.2019 in exercise of its power under section 15 of the DVC Act 1948 & as per Clause No.- 11(a) of the agreement executed between DVC & Consumers based on the allocation of water by DVRRC (Damodar Valley Reservoir Regulation Committee). To stress upon the need for reducing water pollution, a scheme of 10.% incentive has been continued for Zero Effluent Discharge'.

REVISED WATER TARIFF w.e.f. 01.04.2022 FOR DOMESTIC/MUNICIPALITY/PHED AND INDUSTRIAL WATER SUPPLY

Damodar Valley Corporation has revised Water Tariff of Raw Water for Industrial & Domestic supply w.c.i.

2. The Revised water tariff for drawal of water from DVC sources as under:

| | 13 | RDUSTRIES | DOMESTIC/MUNICIPALITY PHED | |
|--------------------------------------|--|---|--|--|
| SOURCES OF DRAWAL | Old Rate w.e.f. 01/04/2021 to 31/03/2022 | Revised Rate w.e.f. 01/04/2022 to 31/03/2023 | the state of the s | Revised Rate w.e.f. 01/04/2022 to 31/03/2023 |
| Reservoir / River (Per KL) | Rs. 12.874 | Rs. 14,162 | Rs. 1.902 | Rs. 1.997 |
| Extra Charges for drawing water from | | Rs. 0.52 | | |

- The Paritt will be enhanced annually at the end of every financial year (i.e. w.e.f. 1st April) as follows:
 - For Domestic/Municipality/PHED use 05% shall be increased in raw water tariff annually.

(in) For Industrial use - 10% shall be increased in raw water tariff annually.

a the water supply bills shall be raised on the basis of actual drawal of water for all the consumers with the tariff as indicated above.

टिप्पणी / NOTE

- 1 The payments thay please be made in RTGS/DD/crossed cheques drawn in favour of the Damodar Valley Corporation, Kolkata, with intimation to the Chief Engineer (Civil), DVC, Maithon Dam, Dhanbad, Pin- 828 207.
- 2. The talk a payable within thirty days of its presentation. Late payment shall attract Delay Payment Surcharge per month as per agreement executed with DVC.
- t. While the mention the Bill No. & Date and also the billing month in the forwarding letter while sending the cheque.

Details for Payment through RTGS

Bank: PUNJAB NATIONAL BANK

Branch: New Manicktala (SOL 0082), VIP Road, Kolkata-54.

MICR Code: 700024261

Branch Code: 8220

SWIFT Code: PUNBINBBCCH

DVC's Account Number: 0082250010682.

IFSC: PUNB0008220. ('0' Stands for Zero)

Document certified by PRASHANT DBATLIRVED *potentiaves *48/r/pc i

Date: 2024. 140 22:04:08 IST Reason: AGM, ommercial) Location: NTPC Ltd.



DAMODAR VALLEY CORPORATION दामोदर घाटी निगम



OFFICE OF THE CHIEF ENGINEER (CIVIL).

P. O.-MAITHON DAM, DHANBAD, JHARKHAND, PIN.- 828207

| Ref. No.: CE (C) / Tariff /22 | | | NBAD, JHARRANIO, 1 | | 6-October-2022 | |
|--|--|---|--|-------------------------------------|--|--|
| BILL FOR RAW WATER DL | | | 01 | -08-2022 To 31-08 | | |
| BILL FOR RAW WATER FO | | NTPC, NORTH KARANPURA SUPER THERMAL | | | POWER PROJECT | |
| | | BILL NO. CE | (C) / Taniff / NK / 169 / 2 | | | |
| To. | To, | | BILL DATE: 06-10-2022 DUE DATE: 05-11 | | 11-2022 | |
| The General Manager (O & North Karanpura Super The | ermal Power | Sanctioned Allocation: 12.05 MGD As per sanction of DVRRC | | | | |
| Project, Tandwa, Dist Chat PIN- 825415 | tra, Jharkkand, | Agreement Executs | ed on: 18-September-2020 | , Tennure of Agreeme | nt : 5 Years | |
| | | Method of Measuren | nent : Metre Reading | | | |
| Billing Month : Aug | wst-2022 | Number of Days in th | se Month : 31 | | | |
| | | DESC | RIPTION | | | |
| Source of Water I | Drawal | | River Garki, a tribu | tary of Damodar River | | |
| Purpose for water withdrawal | Actual withdrawal Quantity (Gallon) | Quantity for Bill (Gallon) | Quantity in Kilo Litre | Drawał rate per Kilo Litre (Rs.) | Amount (Rs.) | |
| | (I) col. | (II) col. | (III) col =(II col. X 0.00454596)) | (IV) col. | (V)col. = (Elleol. X. IV col.) | |
| Prescriptive Right | 0 | | | | | |
| Domestic | 0.00 | 0.00 | 0.0000 | 0 | 0.00 | |
| Industrial | 1137436977.01 | 1137436977.01 | 5170743.0000 | 14.162 | 73228062.37 | |
| Extra charges for drawing water | r from Water Suppl | y Canal (Per KL) | | 0 | 0.00 | |
| (10 %) Incentive for Zero Efflu | ient Discharge, if pr | iid | | | 0.00 | |
| Adjustment, if any | | | | | 0.00 | |
| | | | | Total Charges | 73228062.37 | |
| Total Charges (for the current month) E.& O.E | (Seven Crore Thi | rty Two Lakh Twent Two Only) | ry Eight Thousand Sixty | Say (Rs.) (A) | 73,228,062 | |
| | | 7 | Outstan | ding Dues (Rs.) (B) | 0 | |
| | | | Delay Payment Su | rcharge (Rs.) (C) | 0 | |
| Total Dues (Rs.) (A+B+C) | (Seven Crore Thirty Two Lakh Twenty Eight Thousand Sixty Two Only) | | | | 73,228,062 | |
| COPY To: | | | The state of the s | | | |
| The G M (Finance) DVC | Towers Kolkota-54 | | | 20 | The second secon | |

1. The G. M.(Finance), DVC Towers, Kulkata-54

For and on Behalf of Platon 317771...

DAMODAR VALLEY COUNTY TO THE MANAGER RESERVED.

CHIEF ENGINEER (CITATED STATE POLY).

MAITHON DAM, DELANBADIVE RESERVED.

MAITHON DAM, DELANBADIVE RESERVED.

MOTE: E is managery for acknowledgement of Payment details at the following emails: dvcwater@gmall.com; sanjeevkumar: modern growing and some payment details at the following emails: dvcwater@gmall.com; sanjeevkumar: modern growing and some payment details at the following emails: dvcwater@gmall.com; sanjeevkumar: modern growing and some payment details at the following emails: dvcwater@gmall.com; sanjeevkumar: modern growing emails: dvcwater@gmall.com; sanje

Please see important notice overleaf

Digitally signed by P (ASHANT CHATURY OF Date: 2024) 1-50 22:04:08 IST Date: 2024 1 8 22:04:08 IST Reason: AGMy ommercial) Location: NTPC Ltd

NOTICE

REVISION OF WATER TARIFF FOR SUPPLY OF RAW WATER FOR INDUSTRIAL & DOMESTIC USES

Damodar Valley Corporation (DVC) has revised, vide Resolution No.s 8900 (Agenda Item No. - 10.) of 641 meeting of Corporation held on 25th June 2019, the rate for Industrial & Domestic Water Supply of raw water with effect from 01.04.2019 in exercise of its power under section 15 of the DVC Act 1948 & as per Clause No.- 11(a) of the agreement executed between DVC & Consumers based on the allocation of water by DVRRC (Damodar Valley Reservoi Regulation Committee). To stress upon the need for reducing water pollution, a scheme of 10 % incentive has bee continued for Zero Effluent Discharge'.

REVISED WATER TARIFF W.C.L. 01.04.2022 FOR DOMESTIC/MUNICIPALITY/PHED, AND INDUSTRIAL WATER SUPPLY

United at Valley Corporation has revised Water Tariff of Raw Water for Industrial & Domestic supply w.e.l.

The Revised water tariff for drawal of water from DVC sources as under:

| | 11 | IDUSTRIES | The Partition of the Partition of the San San Laboratory of the Partition of the San Laboratory of the San Lab | MUNICIPALITY/ PHED |
|---|--|---|--|--|
| STREES OF DRAWAL | Old Rate w.c.f. 01/04/2021 to 31/03/2022 | Revised Rate w.c.f. 01/04/2022 to 31/03/2023 | The state of the s | The second of th |
| Reservoir River (Per KL) | Rs. 12.874 | Rs. 14.162 | Rs. 1.902 | Rs. 1.997 |
| Extra Charges for drawing water from water supply cann! (Per KL) | | Rs. 0.52 | | |

3. The Pariff will be enhanced annually at the end of every financial year (i.e., w.e.f. 1st April) as follows:

For Domestic/Municipality/PHED use - 05% shall be increased in raw water tariff annually.
(ii) For Industrial use - 10% shall be increased in raw water tariff annually.

4 The water supply bills shall be raised on the basis of actual drawal of water for all the consumers with the tariff as indicated above.

टिप्पणी / NOTE

 The payr lents may please be made in RTGS/DD/crossed cheques drawn in favour of the Damodar Valley Corporation, Kolkata, with intimation to the Chief Engineer (Civil), DVC, Maithon Dam, Dhanbad, Pin- 828 207.

in trill is pay-thic within thirty days of its presentation. Late payment shall attract Delay Payment Surcharge per month as per agreement executed with DVC.

Please mention the Bill No. & Date and also the billing month in the forwarding letter while sending the cheque.

Details for Payment through RTGS

Bank: PUNJAB NATIONAL BANK

Branch: New Manicktala (SOL 0082), VIP Road, Kolkata-54.

MICR Code: 700024261 Branch Code: 8220

SWIFT Code: PUNBINBBCCH

DVC's Account Number: 0082250010682.

IFSC: PUNB0008220. ('0' Stands for Zero)

CHATURYED: *potential by PRASHANT
CHATURYED: *potential visit Marriage and in *...

Digitally signed by DASHANT CHATURUS OF Date: 2024. 10 22:04:08 IST Reason: AGAM (ommercial)

Location: NTPC Ltd



DAMODAR VALLEY CORPORATION दामोदर घाटी निगम



OFFICE OF THE CHIEF ENGINEER (CIVIL).

P. O.- MAITHON DAM, DHANBAD, JHARKHAND, PIN.- 828207

Date: 02-August-2022 Ref. No.: CE (C) / Tariff /22-23 / NK / 169/ Bill - 260 01-07-2022 To 31-07-2022 BILL FOR RAW WATER DURING THE PERIOD FROM NTPC, NORTH KARANPURA SUPER THERMAL POWER PROJECT BILL FOR RAW WATER FOR CE (C) / Tariff / NK / 169 / 1 BILL NO. DUE DATE: 01-09-2022 BILL DATE: 02-08-2022 To, The General Manager (O & M), NTPC, Sanctioned Allocation: 12.05 MGD As per sanction of DVRRC North Karanpura Super Thermal Power Project, Tandwa, Dist.- Chatra, Jharkhand, Agroement Executed on: 18-September-2020, Tennure of Agreement: 5 Years PIN- 825415 Method of Measurement : Metre Reading Actual Withdrawel: 7.778 MGD Billing Month: July-2022 Number of Days in the Month: 31 DESCRIPTION River Garhi, a tributary of Damodar River Source of Water Drawal Actual Amount Drawal rate per Kilo Quantity for Bill Quantity in Kilo Litre wishdrawal (Rs.) Litre (Rs.) (Gallon) Purpose for water withdrawal Quantity (Gallon) (IIII) col =(III col. X (V)cal = (Wool. X IV col.) (IV) col. (I) col. Jos (II) 0.00454596]) Prescriptive Right Ö 0.00 0.0000 0 0.00 0.00 Domestic: 15522245.94 1096049.0000 14,162 241103969.24 Industrial 241103969.24 0.00 Extra charges for drawing water from Water Supply Canal (Per KL.) 0.00 (10 %) Incentive for Zero Effluent Discharge, if paid 0.00 Adjustment, if any Total Charges 15522245.94 One Crore Fifty Five Lakh Twenty Two Thousand Two Total Charges (for the 15,522,246 Say (Rs.) (A) Handred Forty Six Only) current month) E.& O.E. Outstanding Dues (Rs.) (B) Delay Payment Surcharge (Rs.) (C) (One Crore Fifty Five Lakh Twenty Two Thousand Two Hundred Forty Six Only Total Dues (Rs.) 15,522,246 (A+B+C) COPY To:

1. The G. M.(Finance), DVC Towers, Kolkata-54



For and on Behalf of

DAMODAR VALLEY CORPORATION

CHIEF ENGINEER (CIVIL), MAITHON DAM, DHANBAD, JHARKHAND

Note: It is mandatory for acknowledgement of Payment details at the following emails: dvcwater@gmail.com; lomas.kumae@dvc.gqvife/seiith@index.cverteef

Digitally signed by DRASHANT CHATURY OI Date: 2024 12 22:04:08 IST Reason: AGAM ommercial) Location: NTPC Ltd

NOTICE

REVISION OF WATER TARIFF FOR SUPPLY OF RAW WATER FOR INDUSTRIAL & DOMESTIC USES

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REVISED WATER TARIFF w.c.f. 01.04.2022 FOR DOMESTIC/MUNICIPALITY/PHED AND INDUSTRIAL WATER SUPPLY

- 1. Damodar Valley Corporation has revised Water Tariff of Raw Water for Industrial & Domestic supply w.e.f. 01.04.2022
- The Revised water tariff for drawal of water from DVC sources as under:

| | IN. | NDUSTRIES | | MUNICIPALITY/ PHED |
|--|--|---|-----------|--|
| SOURCES OF DRAWAL | Old Rate w.c.f. 01/04/2021 to 31/03/2022 | Revised Rate w.c.f. 01/04/2022 to 31/03/2023 | | Revised Rate w.c.f. 01/04/2022 to 31/03/2023 |
| Reservoir / River (Per KL) | Rs. 12.874 | Rs. 14.162 | Rs. 1.902 | Rs. 1.997 |
| Extra Charges for drawing water from water supply canal (Per KL) | Fhill | Rs. 0.52 | | |

- 3. The Tariff will be enhanced annually at the end of every financial year (i.e. w.e.f. 1st April) as follows:
- (i) For Domestic/Municipality/PHED use 05% shall be increased in raw water tariff annually.
- (ii) For Industrial use 10% shall be increased in raw water tariff annually.
- 4. The water supply bills shall be raised on the basis of actual drawal of water for all the consumers with the tariff as indicated above.

टिप्पणी / NOTE

- The payments may please be made in RTGS/DD/crossed cheques drawn in favour of the Damodar Valley Corporation, Kolkata, with intimation to the Chief Engineer (Civil), DVC, Maithon Dam, Dhanbad, Pin-828 207.
- This bill is payable within thirty days of its presentation. Late payment shall attract Delay Payment Surcharge per month as per agregment executed with DVC.
- 3. Please mention the Bill No. & Date and also the billing month in the forwarding letter while sending the cheque.

Details for Payment through RTGS

Bank: PUNJAB NATIONAL BANK

Branch: New Manicktala (SOL 0082), VIP Road, Kolkata-54.

MICR Code: 700024261 Branch Code: 8220

SWIFT Code: PUNBINBBCCH

DVC's Account Number: 0082250010682.

IFSC: PUNB0008220. ('0' Stands for Zero)

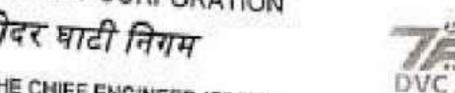
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CHATURVEDI spicheturyed and direction in

Digitally signed by CASHANT CHATURVED! Date: 2024 1120 22:04:08 IST

Reason: AGMic ommercial) Location: NTPC Ltd



DAMODAR VALLEY CORPORATION दामोदर घाटी निगम





OFFICE OF THE CHIEF ENGINEER (CIVIL),

| The Party By | (C)/Tenff/23-24/ AW WATER DURIN | C This second | 240 | | | IN - 626207 | Date of a | - TOWN |
|--|--|--|--|--|--|--|--|--|
| DU | AW WATER DURIN | O THE PERIOD | FROM | | | 01-07-203 | Date: 01-Augus 3 To 31-07-2 | Control of the Australian Control of the Australia Control of the Australia Control of the Australia Control of the Austra |
| BILL FOR RAW WATER FOR | | | | | CNORTI | | RA SUPER | THERMAL |
| | | | | DILL NO. | mit with the | | | |
| ľo, | | | | BILL DATE | | Tariff/NK / 169 | _ | |
| The General | Manager (O & M), er Project, Tandwo | NTPC Name of | gonerou. | 7 | | SORE | - | TE: 31-08-2023 |
| E25415 | er Project, Tandwa | Dist. Chatra. | Jharkhand, PIN. | The second secon | | 12.05 MGD A | | |
| | | | 3/11/11/2007 | A STATE | | | | of Agreement : 5 |
| | | | | Martine of the | Land for ten | portry ute/ Occ | repation of : No | |
| Milling Month | : July-2023 | | | | Days in the | Metro Reading | | |
| | | | nre/ | Dore | h. 31 | Adual Withdraw | val : to 793 teg | 0 |
| | Securee of V | Vater Deaved | DESC | RIPTION | | Serfii, a tributary | office less | |
| | | Withdrawal | 100 | | Withdrawal | The state of the s | OI Clampoor II. | ver |
| Purpose for water withdrawal | Actual withdrawal Quantity (Gallon) | Quartity for Bill upto allocated quartity (Gallon) | Withdrawel Quartity upto allocated quartity (Kilo Litte) | Drawal rate per Kilo Litre (Ra.) | Quantity above allocated quantity (Gallon) | Quantity above allocated quantity (Killo Litre) | Drawal case where allocation quantity per Ralo Litte i z 2 (Twe jimes of normal rate (Ra.) | Amount (Rs.) |
| | (f) cal | (B) col | (III) col =(II col: X 0.90454556)) | (N) out. | [V]-ml | (VI) not why set X 0.004523850 | (VII) sel. | (VIII) est = (lileot X IV est) - (VII est X VII sot) |
| Prescriptive Right | 0.00 | | | | | | | |
| Domestic | 0.00 | 0 | 0.0000 | 0 | 0 | 0.000 | 0.00 | 0.0 |
| Industrial | 334586733.95 | 334586754 | 1521018.0000 | 15.578 | 0 | 0.000 | 0.00 | 23694418.40 |
| Extra charges Canal (Per KI | for drawing water for .) | Industrial from | Water Supply | a | | | | 0.6 |
| (10 %) Insen | tive for Zero Effluent | Discharge, if pair | d | | | | | 0.00 |
| | | 45.00 | | | | Adj | estment, if any | 0.0 |
| | | | | | | | Total Charges | 23694418.40 |
| Total Charges | (for the current most | H) E.4: O.E | (Two Crore Thirty Hi | r Six Lakit Ni andred Eighte | | outend Feer | Say (Rs.) (A) | 23,694,410 |
| | | | | | 0 | utstanding Du | ios (Rs.) (B) | |
| | | | | D | elay Paym | ent Surcharge | (Rs.) (C) | - |
| | tal Dues (A+B+ yable Amount(| | (Two Grone Thirt | rty Six Laich Ninety Four Thousand Four Hundred Eighteen Only) | | | | 23,694,418 |
| COPY To: | (Finance), DVC Tow | een, Kolkata-54 | | | D | For and CHIEF ENG | OR BERTIFOR | |
| | Details for Pay | ment thro | ugh RTGS: | | | HON DAM, DI | | |
| 0082),VIP R Branch Cod myc's Virtu | IAB NATIONAL BA oad, Kolkata-54, N e: 8220, SWIFT Co of Account Numbe 0008220. ("0" Stan | NICR Code : 70 de : PUNBINB! r : DVCPNBQS! | 6024261, BCCH, | SOL | (State) | diactios. | ने०, मैथन | TEX X S |

Mocument certified by PRASHANT -CHATURYEDI <pchaturvog 114 (impo co.in>;



DAMODAR VALLEY CORPORATION दामोदर घाटी निगम



OFFICE OF THE CHIEF ENGINEER (CIVIL),

P. O.- MAITHON DAM, DHANBAD, JHARKHAND, PIN.- 828207

| | | | | | HKHNNU, P | | | |
|------------------------------------|---|---|---|--|--|--|--|--|
| Ref. No. Cl | (C)/ TmifF/23-24 | NK/109/16H | 330 | | 7.7 | | Date 02-Septe | mber-2023 |
| DILL FOR II | AW WATER DURIN | AG THE PERSON | FROM | | | 01-08-20 | 2) To 31-03- | 2025 |
| BILL FOR H | AW WATER FOR | | | NIP | C, NORTI | POWER P | COLUMN TAXABLE PARTY OF THE PAR | CTHERMAL |
| | | | | DILL NO. | CE(C)/1 | Tunit/NK/16 | 978 | |
| | | | | BILL DAT | E : 02-09-2 | NI23 | DOE DA | ATE: 02-10-2023 |
| In. The General | Massger (O & M), | NIPC, North I | Carnenpura Super | Sanctioned | Affection: | 12.05 MGD | As per sanction | ofDVRRC |
| Thermal Per 825413 | er Preject, Tandes | , Dist. Chatra, | Burkhand, PES- | Agreement | Expensed on | 18-Segrambe | e-2020, Tennanc | of Agreement ; 5 |
| | | | | Total 199/C | Name and Address of the Owner, where | paray usef Or More fiseding | cupation of : No | ž . |
| fillion klauth | : August-2011 | _ | | STATE OF THE PARTY | Coys in the | | | 0 |
| bearing months | - walium sara | | - | More | h 31 | Acaust Withora | est 22 744 MG | 0 |
| | Source of I | Vitter Drawal | DESC | CRIPTION | | ecia e construir de | CD 1 0 | |
| | Something of | | | - | | | y of Demoder R | aver . |
| Purpose for water withdrawal | Actual withdrawal Quantity (Gallon) | Withdrawal Quartry for Dill upto allocated quantity (Gallon) | Withdrawal Quantity upto allocated quantity (Kilo Litre) | Drawal rate per Kilo Litre (Rs.) | Withdrawal Quartity above allocated quartity (Gallon) | Withdrawal Quantity above allocated quantity (Kilo Litre) | Dynamical care above allocation quantity per Kolo Little is a 1 (Two jumes of normal rate (Ro.) | Ameurz (Ra.) |
| | (I) est | (Ef) cod. | (Illicot *(Illicot X 'ocata-tuaquo' | (IV) set. | (V) and | (VI) cal rify cal, X is consuming | (MI) col. | (VIII) out = (III out X IV out) (VI cut X VII out) |
| Prescriptive Right | 0.00 | | | | | | | |
| Domestic | 0.00 | 1.0 | 0,0000 | 0 | | 6,000 | 0.00 | 0.0 |
| [edustrial | 705063374.73 | 705065376,7 | 3205199.0000 | 85.578 | 9 | 0.000 | 0.00 | 49930590.0 |
| Estra charges Canal (Per KL | for drawing water for .) | Industrial from | Water Supply | 0 | | | | 0.0 |
| 10 %) Incom | ive for Zero Effluent | Discharge, if pair | 0 | | | | | 0.00 |
| | | | | | | Adj | ustness, if any | 0.0 |
| | | | | | | | Total Charges | 49930590.07 |
| Tetal Charges | (for the current mont | NEA O.E. | (Four Cross Nin | ety Nine Lak undred Nine | h Thirty Thou y Only) | mand Five | Say (Rx.) (A) | 49,530,590 |
| | | | | | Ou | rtatanding Du | res (Rs.) (B) | |
| 200.47 | | | | Þ | elay Payme | est Surcharge | (Rs.) (G) | 0 |
| | al Dues (A+B+ yable Amount(F | | (Four Crore Nir | | an Thirty The setty Only) | ousand Five H | fundred | 49,930,590 |
| enk : PUNIA DBZ), VIP RO | Details for Pay No Mational Ban ad, Kolkata-54, M Code: PUNBINES | ment throu IK, Branch: N ICR Code: 70 | ew Manicktala (| Code: | MARTI | CHIEF ENC MODAR VALI KON DAM, DI | CONSIDER (CIVIL LIEV CORPORA LANBAD, JEAN CHITTA TOTAL | RICHAND |

Document certified by PRASHANT CHATURVEDI spohaturvey and Emps co.in>.

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| | I) | NDUSTRIES | DOMESTIC/MUNICIPALITY/ PHED | | |
|--|--|---|--------------------------------|--|--|
| SOURCES OF DRAWAL | Old Rate w.c.f. 01/04/2022 to 31/03/2023 | Revised Rate w.e.f. 01/04/2023 to 31/03/2024 | | Revised Rate w.e.f. 01/04/2023 to 31/03/2024 | |
| Reservoir / River (Per Kl.) | Rs. 14.162 | Rs. 15.578 | Rs. 1.997 | Rs. 2.097 | |
| Extra Charges for drawing water from water supply canal (Per KL) | | Rs. 0.52 | | | |

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Branch: New Manicktala (SOL 0082), VIP Road, Kolkata-54.

MICR Code: 700024261 Branch Code: 8220

SWIFT Code: PUNBINBBCCH

DVC's Virtual Account Number: DVCPNB0503DVC910169

IFSC: PUNB0008220. ('0' Stands for Zero)

Document certified by PRASHANT .
CHATURVEDI -spohaturved Characteristics on in-

Digitally signed by P RASHANT CHATURVEDI Date: 2024. hav 22:04:08 IST Reason: AGAM (ommercial)

Location: NTPC Ltd.





DAMODAR VALLEY CORPORATION दामोदर घाटी निगम



OFFICE OF THE CHIEF ENGINEER (CIVIL).

| | | P. O MAITHO | IN DAM, DHANE | BAD, JHARK | CHAND, PIP | 4-020207 | - Cont | - 2021 | |
|--|--|--|---|--|--|--|--|--|--|
| No CEC |) / Taniff /23-24 / N | | | | | t. | hie 06-Octobe | | |
| L FOR RAW | WATER DURING | THE PERIOD PR | IOM | | | | То 30-09-2 | | |
| L FOR RAV | WATERFOR | | | NTFC, NORTH KARANPURA SUPER THERMAL. POWER PROJECT | | | | | |
| | | | | BILL NO. | CE(C)/Te | elff / NK / 169 | 19 | | |
| | | | 1 | DILL DATE | 06-10-20 | | DUE DA | TE: 05-11-2023 | |
| | lanager (O & M), N | The state of the s | | Sanctioned A | Mocation : | 12.05 MGD A | s per sanction o | I DVRRC | |
| ermal Powe 5415 | r Project, Tandwa, | Diat Chairs, Jh | | A.F. a. a. b.l.a. | | | | of Agreement : 5 | |
| | | | | | | | upation of : Nil | | |
| | | | | | | letre Reading | + 40 KO MOD | | |
| EEng Month: | September-2011 | | | Marrier of D Month | 30 | Actual Withdraw | al : 38 52 MGD | | |
| | | Z | DESC | RIPTION | | add a telephone | of Damodar R | ver | |
| | Source of W | fater Drawali | | - | | Withdrawal | The state of | | |
| Purpose for water | Actual withdrawal Quantity (Gallon) | Wathdrawal Quartity for Bill upto allocated quantity (Gallon) | Withdrawal Quantity upto allocated quantity (Kilo Litre) | Drawai rate per | Withdrawal Quantity above allocated quantity (Gallon) | In the street of the same of the same | Drawel rate shore ellocation quartery per Kilo Little 1 s. 3 (Two Joines of screen rate (Xa.) | Amount (Rs.) | |
| withdrawal | (8) 44F | (II) soi | (100) col =(11 col 3X 0 00454599() | (IV) est | (V) sol | (VI) col +(v col. X 0.004345966) | (VS) esi | (VIII) col - (Sheet X IV col.) (Vi col X VII col.) | |
| Prescriptive Right | p.00 | | | | | | | | |
| Domestic | 0.00 | 0 | 0.000 | _ | 0 | | | 200000000000000000000000000000000000000 | |
| Industrial | 1155586938.73 | | 5253252.000 | 0 15.578 | 0 | 0.000 | 0,00 | | |
| Extra charge Canal (Per b | n for drawing water fo | or Industrial from | Water Supply | 0 | | | | 0.0 | |
| The state of the s | native for Zero Eiffluor | n Discharge, if pai | d | | | | * | 0.0 | |
| 100 | | | | | | Ad | justment, if any | | |
| | | | | | The State of | houses d Chan | Total Charges | | |
| Total Charg | ges (for the current mo | onth) E.& O.E | (Eight Coure E | ighteen Lakh Hundred Sir | uty Only) | nousand One | Say (Ra.) (A) | 81,835,16 | |
| Tall Control | ALL PROPERTY OF THE PARTY OF TH | 20.0 | | | (| Outstanding C | Dues (Rs.) (B) | | |
| - | | | | | Delay Payr | ment Surchar | ge (Rs.) (C) | | |
| | Fotal Dues (A+I Payable Amour | B+C) nt(Rs.) | (Eight Crore | Eighteen Lak | th Thirty Fiv Sixty Only) | e Thousand O | ne Hundred | 81,835,160 | |
| i. The C | Details for | Payment the | : New Manickt | ala (SOL unch Code: |] / | DAMODAR VANTHON DAMA | nd on Label Forth NGENEER (CT) ALLEY CORRECT TO THE PROPERTY | PRATION PARKHAND | |

Note: it is mandatory for extravelegement of Payment settals at the knowing ornate diversating great com; sunject-known and diversating to the set of the

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NOTICE

REVISION OF WATER TARIFF FOR SUPPLY OF RAW WATER FOR INDUSTRIAL & DOMESTIC USES

Damodar Valley Corporation (DVC) has revised, vide Resolution No.- 8900 (Agenda Item No. - 10) of 641 meeting of Corporation held on 25th June 2019, the rate for Industrial & Domestic Water Supply of raw water with effect from 01.04.2019 in exercise of its power under section 15 of the DVC Act 1948 & as per Clause No.- 11(a) of the agreement executed between DVC & Consumers based on the allocation of water by DVRRC (Damodar Valley Reservoir Regulation Committee). To stress upon the need for reducing water pollution, a scheme of 10 % incentive has been continued for 'Zero Effluent Discharge'.

REVISED WATER TARIFF w.c.f. 01.04.2023 FOR DOMESTIC/MUNICIPALITY/PHED AND INDUSTRIAL WATER SUPPLY

- Damodar Valley Corporation has revised Water Tariff of Raw Water for Industrial & Domestic supply w.e.f. 01.04.202.
- 2. The Revised water tariff for drawal of water from DVC sources as under:

| | IN | IDUSTRIES | DOMESTIC/MUNICIPALITY/ PHED | | |
|---|--|---|--|--|--|
| SOURCES OF DRAWAL | Old Rate w.e.f. 01/04/2022 to 31/03/2023 | Revised Rate w.c.f. 01/04/2023 to 31/03/2024 | The state of the s | Revised Rate w.c.f. 01/04/2023 to 31/03/2024 | |
| Reservoir / River (Per KL) | Rs. 14.162 | Rs. 15.578 | Rs. 1.997 | Rs. 2.097 | |
| Extra Charges for drawing water from water supply canal (Per KL) | | Rs. 0.52 | | | |

- 3. The Tariff will be enhanced annually at the end of every financial year (i.e. w.c.f. 1st April) as follows:
- (i) For Domestic/Municipality/PHED use 05% shall be increased in raw water tariff annually.
- (ii) For Industrial use 10% shall be increased in raw water tariff annually.
- 4. The water supply bills shall be raised on the basis of actual drawal of water for all the consumers with the tariff as indicated above.

टिप्पणी / NOTE

- The payments may please be made in RTGS/DD/crossed cheques drawn in favour of the Damodar Valley Corporation, Kolkata, with intimation to the Chief Engineer (Civil), DVC, Maithon Dam, Dhanbad, Pin-828 207.
- This bill is payable within thirty days of its presentation. Late payment shall attract Delay Payment Surcharge per month as per agreement executed with DVC.
- 3. Please mention the BIII No. & Date and also the billing month in the forwarding letter while sending the cheque.

Details for Payment through RTGS

Bank: PUNJAB NATIONAL BANK

Branch: New Manicktala (SOL 0082), VIP Road, Kolkata-54.

MICR Code: 700024261 Branch Code: 8220

SWIFT Code: PUNBINBBCCH

DVC's Virtual Account Number: DVCPNB0503DVC910169

IFSC: PUNB0008220. ('0' Stands for Zero)

Document certified by PRASHANT
CHATURVEDI spoherurved in Simpo.co.in>
Cligitally signed by PRASHANT

CHATÚRVEOI Date: 2024: 183 22:04:08 IST Resson: AGM Commercial) Location: NTPC Ltd



DAMODAR VALLEY CORPORATION दामोदर घाटी निगम



OFFICE OF THE CHIEF ENGINEER (CIVIL).

| | | | | ADAD, JHAF | RICHAND, P | N = 525207 | via: 01-Mirvem | her.2021 | |
|------------------------|--|--|-------------------------------------|--|--|---|--|--|--|
| | | | | | | | To 31-19-2 | No. of the last of | |
| BILL FOR R. | AW WATER EXEREN | G THE PERIOD | FROM | | 100 | | | | |
| BILL FOR RAW WATER FOR | | | | | NEFC. NORTH KARANFURA SUPER THERMAL. POWER PROJECT | | | | |
| | | BILL NO. | CIL(C)/Tr | midT/NK / 160 | /10 | | | | |
| | he General Manager (O & M), NTPC, North Karanpura Super hermal Power Project, Tandwa, Dist Chairs, Jharkhand, PIN-25415 DESCRIPTI Source of Water Drawel Actual withdrawal Quantity for Quantity upto affocated quantity (Collon) Perpose for water Quantity (Collon) Actual withdrawal (Quantity for Quantity upto affocated quantity (Collon) (| | | BELL DATE | | | DOTE DA | TE: 01-12-2023 | |
| To. | Mark to the second second second | Fairliana (accollatory) | nemataban mangan man | - | | | a per sanction o | PLUAICE | |
| | | | | Agreement F | tencined on : | 1.8-September | 2020, Tennure | of Agreement : 5 | |
| | | | | Total DVC | Land for tem | porary uno! Occ | upstion of ; Ni | | |
| | | | | WE THE TRACE | ossrement: M | | | | |
| Dilling Month | : October-2023 | | 1570 | Number of I | Days in the | Actual Withdraw | #1: 20:23 MOD | | |
| | | | DESC | Andrew Control of the | | | - 1 P | Chiz | |
| 100 | Source of V | Vater Drawal | | | The state of the s | arbi, a tributary | of Durnoclar R. | iver | |
| | | Quantity for Bill upto allocated quantity | Quantity upto allocated quantity | Drawał rate per Kilo Litro (Rs.) | Withdrawall Quantity above allocated quantity (Gallon) | Withdrawal Quantity above allocated quantity (Kilo Litre) | above allocation quantity per Kito Little i.e. 2 (Two Jister of normal case | Amount (Rs.) | |
| | (7) col. | (11) col. | +Cll col. X | (TV) est. | (V) ed | (VI) cell *(v col. X 6.004345968) | (VII) col. | (VIII) ect. -(Illest X (V set) • (VI set X VII set.) | |
| Prescriptive Right | 9.00 | | | | | 7. | | | |
| Domestic | 0,00 | 0 | 0.0000 | 0 | 0. | 0,000 | 0.00 | 0.0 | |
| Industrial | 627121444.10 | 627121444.1 | 2850869.0000 | 15.578 | . 0 | 0.000 | 0.00 | 44410837.2 | |
| | A STATE OF THE PARTY OF THE PAR | r Industrial from | Water Supply | 0 | | | | 0.0 | |
| (10 %) Incen | tive for Zero Effluent | Discharge, if pa | id | | | | | 0.0 | |
| | | | | | | Adj | ustrneen, if any | 0.0 | |
| | | | | | | | Total Charges | 44410837.2 | |
| Fotal Charges | s (for the current mont | th) E& O.E | (Four Capre Forty | Four Lakh Te Thirty Sever | | eight Hundred | Say (Rs.) (A) | 44,410,83 | |
| | | | | | 0 | utstanding D | ues (Rs.) (B) | | |
| | | | | 1 | Delay Paym | ent Surcharg | e(Rs.) (C) | | |
| | 사람이 그 보는 사람들이 가게 되었다면 하다면 하다면 하다면 하다면 하다면 하다면 하다면 하다면 하다면 하 | | (Four Crore For | rty Four Lakh Ten Thousand Eight Hundred Thirty Seven Only) | | | | 44,410,837 | |
| | | | | | | | 1 | | |

Note: It is mandatory for advowledgement of Payment details at the following emails :divowater@gmail.com; sanjoovkumar,1@dvc.goV.inPlease see important perfect overleaf

Digitally signed by D (ASHANT CHATURY OF Date: 2024) 10 22:04:08 IST Reason: AGM; (ommercial) Location: NTPC Ltd

NOTICE

REVISION OF WATER TARIFF FOR SUPPLY OF RAW WATER FOR INDUSTRIAL & DOMESTIC USES

Damodar Valley Corporation (DVC) has revised, vide Resolution No.- 8900 (Agenda Item No. - 10) of 641 meeting of Corporation held on 25th June 2019, the rate for Industrial & Domestic Water Supply of raw water with effect from 01.04.2019 in exercise of its power under section 15 of the DVC Act 1948 & as per Clause No.- 11(a) of the agreement executed between DVC & Consumers based on the allocation of water by DVRRC (Damodar Valley Reservoir Regulation Committee). To stress upon the need for reducing water pollution, a scheme of 10 % incentive has been continued for 'Zero Effluent Discharge'.

REVISED WATER TARIFF w.e.f. 01.04.2023 FOR DOMESTIC/MUNICIPALITY/PHED_AND INDUSTRIAL WATER SUPPLY

- Damodar Valley Corporation has revised Water Tariff of Raw Water for Industrial & Domestic supply w.e.f. 01.04.2023
- The Revised water tariff for drawal of water from DVC sources as under:

| | IN | IDUSTRIES | DOMESTIC/MUNICIPALITY/ PHED | | |
|--|--|---|--|--|--|
| SOURCES OF DRAWAL | Old Rate w.e.f. 01/04/2022 to 31/03/2023 | Revised Rate w.e.f. 01/04/2023 to 31/03/2024 | Old Rate w.c.f. 01/04/2022 to 31/03/2023 | Revised Rate w.e.f. 01/04/2023 to 31/03/2024 | |
| Reservoir / River (Per KL) | Rs. 14.162 | Rs. 15.578 | Rs. 1.997 | Rs. 2.097 | |
| Extra Charges for drawing water from water supply canal (Per KL) | | Rs. 0.52 | | | |

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- (i) For Domestic/Municipality/PHED use 05% shall be increased in raw water tariff annually.
- (ii) For Industrial use 10% shall be increased in raw water tariff annually.
- 4. The water supply bills shall be raised on the basis of actual drawal of water for all the consumers with the tariff as indicated above.

टिप्पणी / NOTE

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Branch: New Manicktala (SOL 0082), VIP Road, Kolkata-54.

MICR Code: 700024261 Branch Code: 8220

SWIFT Code: PUNBINBBCCH

DVC's Virtual Account Number: DVCPNB0503DVC910169

IFSC: PUNB0008220. ('0' Stands for Zero)

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CHATURVEDI Date: 2024: 1580 22:04:08 IST Resson: AGM, ommercial) Location: NTPC Ltd

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

Name of the Petitioner:

NTPC Ltd

Name of the Generating Station: Northkampura Super Thermal Power Project

| | | Unit | April 20 | 23 |
|------------------------|--|-----------|-----------------|----------|
| | | | Domestic | Imported |
| 1 | Opening quantity of coal/Lignite | (MT) | 65,079.64 | - 100 |
| 2 | Value of stock | | 13,60,19,079.68 | |
| 3 | Quantity of Coal/Lignite supplied by Coal/Lignite Company | (MT) | 3,40,528.30 | |
| 4 | Adjustment (+/-) in quantity supplied made by Coal/Lignite Company | (MT) | - | |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | (MT) | 3,40,528.30 | |
| 6 | Normative Transit & Handling Losses (For coal/Lignite based Projects) @0.2% | (MI) | 681.06 | |
| 7 | Net coal / Lignite Supplied (3-4) | (MT) | 3,39,847.24 | |
| 8 | Amount charged by the Coal / Lignite Company | (Rs.) | 63,33,68,065.28 | |
| 9 | Adjustment (+/-) in amount charged made by Coal/Lignite Company | (Rs.) | 0,00 | |
| 10 | Handling,Sampling and such other similar charges | | 29,39,881.12 | |
| 11 | Total amount Charged (8+9+10) | (Rs.) | 63,63,07,946.40 | |
| 12 | Transportation charges by rail/ship/road transport | (Rs.) | 5,84,18,232.05 | |
| 13 | Adjustment (+/-) in amount charged made by Railways/Transport Company | (Rs.) | NI | |
| 14 | Demurrage Charges, if any | (Rs.) | 0.00 | |
| 15 | Cost of diesel in transporting coal through MGR system, if applicable | (Rs.) | 0.00 | |
| 16 | Total Transportation Charges (12+13+14+15) | (Rs.) | 5,84,18,232.05 | |
| 17 | Total amount Charged for coal/lignite supplied including Transportation (11+16) | (Rs.) | 69,47,26,178.45 | |
| 18 | Landed cost of coal/ Lignite (2+17)/(1+7) | (Rs/MT) | 2,051.59 | |
| 19 | Blending Ratio (Domestic/Imported) | 96 | N/A | |
| 20 | Weighted average cost of coal/Lignite for preceding three months | (Rs/MT) | 2,051.59 | |
| 21 | GCV of Domestic of the opening coal stock as per bill of coal company | (kCal/Kg) | 3,949.00 | |
| 22 | GCV of domestic coal as per bill of coal company. | (kCal/Kg) | 3,948.00 | |
| 23 | GCV of Imported Coal of the opening stock as per bill Coal Company | (kCal/Kg) | N/A | |
| 24 | GCV of imported coal supplied as per bill coal company | (kCal/Kg) | N/A | |
| 25 | Weighted average GCV of coal/Lignite as Billed | (kCnl/Kg) | 3.948.00 | |
| 26 | GCV of Domestic Coal. of the opening stock as received at Station | (kCal/Kg) | 3,417.00 | |
| 27 | GCV of domestic coal supplied as recived at station | (kCal/Kg) | 3,400.00 | |
| 28 | GCV of imported coal of opening stock as recived at station | (kCal/Kg) | N/A | |
| NAME OF TAXABLE PARTY. | GCV of Imported Coal supplied as received at Station | (kCal/Kg) | N/A | |
| 30 | Weighted average GCV of coal/Lignite as Received | (kCal/Kg) | 3,403,00 | |
| 10(a) | Weighted average CCV of coal/Lionite as Received fincliding Imported | (kCal/Kg) | 3,403.00 | |

Sonali Rani

Digitally signed by Sonali Rani Date: 2024.05.23 12:39:56 +05'30'

Sanjay Sinha

Digitally signed by Sanjay Sinha Date: 2024.08.21 17:55:55 +05'30'

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by AMIT BISWAS
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BISWAS CHATURVED CARCELLAND
12:59:05 +05:30

For M.C. Bhand Turk Signed by Chartered Accountable 2024. RASHANT

Reason: AGM commercial)
Location: NTPC Ltd

AUDITED FORM'15

PART-I FORM-15

(Provisional)

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

NTPC Ltd Name of the Petitioner:

Name of the Generating Station: Northkampura Super Thermal Power Project

| | | Unit | May 202 | 3 |
|-------|--|-----------|-----------------|----------|
| | | | Domestic | Imported |
| 1 | Opening quantity of coal/Lignite | (MT) | 1,02,211.49 | |
| 2 | Value of stock | | 20,96,96,394.05 | |
| 3 | Quantity of Coal/Lignite supplied by Coal/Lignite Company | (MT) | 3,77,022.57 | |
| 4 | Adjustment (+/-) in quantity supplied made by Coal/Lignite Company | (MT) | | |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | (MT) | 3,77,022.57 | |
| 6 | Normative Transit & Handling Losses (For coal/Lignite based Projects) @0.2% | (MT) | 754.05 | |
| 7 | Net coal / Lignite Supplied (3-4) | (MT) | 3,76,268.52 | |
| 8 | Amount charged by the Coal /Lignite Company | (Rs.) | 70,00,12,062.20 | |
| 9 | Adjustment (+/-) in amount charged made by Coal/Lignite Company | (Rs.) | 0.00 | |
| 10 | Handling, Sampling and such other similar charges | | 32,54,945,90 | |
| 11 | Total amount Charged (8+9+10) | (Rs.) | 70,32,67,009.10 | |
| 12 | Transportation charges by rail/ship/road transport | (Rs.) | 6,46,78,888.61 | |
| 13 | Adjustment (+/-) in amount charged made by Railways/Transport Company | (Rs.) | Nil | |
| 14 | Demurrage Charges, if any | (Rs.) | 0.00 | |
| 15 | Cost of diesel in transporting coal through MGR system, if applicable | (Rs.) | 0.00 | |
| 16 | Total Transportation Charges (12+13+14+15) | (Rs.) | 6,46,78,888.61 | |
| 17. | Total amount Charged for coal/lignite supplied including Transportation (11+16) | (Rs.) | 76,79,45,897.71 | (|
| 18 | Landed cost of coal/ Lignite (2+17)/(1+7) | (Rs/MT) | 2.043.22 | |
| 19 | Blending Ratio (Domestic/Imported) | 94 | N/A | |
| 20 | Weighted average cost of coal/Lignite for preceding three months | (Rs./MT) | 2,043.22 | |
| 21 | GCV of Domestic of the opening coal stock as per bill of coal company | (kCal/Kg) | 3,948.00 | |
| 22 | GCV of domestic coal as per bill of coal company. | (kCal/Kg) | 3,866.00 | |
| 23 | GCV of Imported Coal of the opening stock as per bill Coal Company | (kCal/Kg) | N/A | |
| 24 | GCV of imported coal supplied as per bill coal company | (kCal/Kg) | N/A | |
| 25 | Weighted average GCV of coal/Lignite as Billed | (kCal/Kg) | 3,884.00 | |
| 26 | GCV of Domestic Coal of the opening stock as received at Station | (kCal/Kg) | 3,403.00 | |
| 27 | GCV of domestic coal supplied as recived at station | (kCal/Kg) | 3,585.00 | à |
| 28 | GCV of imported coal of opening stock as recived at station | (kCal/Kg) | N/A | |
| 29 | GCV of Imported Coal supplied as received at Station | (kCal/Kg) | N/A | |
| 30 | Weighted average GCV of coal/Lignite as Received | (kCal/Kg) | 3,625.00 | |
| 90(a) | Weighted average GCV of coal/Lignite as Received (incliding Imported Coal) | (kCal/Kg) | 3,625.00 | |

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Sanjay Sinha

Digitally signed by Sanjay Sinha Date: 2024.08.21 17:56:21 +05:30'

AMIT Digitally signed
by AMIT BISWAS
Document certified by PRASHANT
BISWAS HATURVEDI Spenaturved 12:59:49 +05:30

For M.C. Bhandfully signed by PKASHANT Chartered Accountants 2024. 130 22:04:08 IST

Reason: AGM (ommercial)
Location: NTPC Ltd

Name of the Petitioner:

NTPC Ltd

Name of the Generating Station: Northkampura Super Thermal Power Project

| | | Unit | | June 2023 | |
|-------------|--|-----------|-----------------|-----------|--|
| | | | Domestic | Imported | |
| 1 | Opening quantity of coal/Lignite | (MT) | 2.08,635.01 | | |
| 2 | Value of stock | | 42,62,88,258.65 | | |
| 3 | Quantity of Coal/Lignite supplied by Coal/Lignite Company | (MT) | 3,03,106.05 | | |
| 4 | Adjustment (+/-) in quantity supplied made by Coal/Lignite Company | (MT) | - | | |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | (MT) | 3,03,106.05 | | |
| 6 | Normative Transit & Handling Losses (For coal/Lignite based Projects) | (MT) | 606.21 | | |
| 7 | Net coal / Lignite Supplied (3-4) | (MT) | 3,02,499.84 | | |
| 8 | Amount charged by the Coal / Lignite Company | (Rs.) | 56,33,96,157.59 | | |
| 9 | Adjustment (+/-) in amount charged made by Coal/Lignite Company | (Rs.) | 0.00 | | |
| 10 | Handling Sampling and such other similar charges | | 26,16,803.81 | | |
| 11 | Total amount Charged (8+9+10) | (Rs.) | 56,60,12,951.40 | | |
| 12 | Transportation charges by rail/ship/road transport | (Rs.) | 5,19,98,378.89 | | |
| 13 | Adjustment (+/-) in amount charged made by Railways/Transport Company | (Rs.) | rat | | |
| 14 | Demurrage Charges, if any | (Rs.) | 0.00 | | |
| 15 | Cost of diesel in transporting coal through MGR system, if applicable | (Rs.) | 0.00 | | |
| 16 | Total Transportation Charges (12+13+14+15) | (Rs.) | 5,19,98,378.89 | | |
| 17 | Total amount Charged for coal/lignite supplied including Transportation (11+16) | (Rs.) | 61,80,11,340.29 | | |
| 18 | Landed cost of coal/ Lignite (2+17)/(1+7) | (Rs/MT) | 2,043.10 | | |
| 19 | Blending Ratio (Domestic/Imported) | % | N/A | | |
| 20 | Weighted average cost: of coal/Lignite for preceding three months | (Rs/MT) | 2,043.10 | | |
| 21 | GCV of Domestic of the opening coal stock as per bill of coal company | (kCnl/Kg) | 3,884.00 | | |
| 22 | GCV of domestic coal as per bill of coal company. | (kCal/Kg) | 3,733.00 | | |
| 23 | GCV of Imported Coal of the opening stock as per bill Coal Company | (kCnl/Kg) | N/A | | |
| 24 | GCV of imported coal supplied as per bill coal company | (kCnl/Kg) | N/A | | |
| 25 | Weighted average GCV of coal/Lignite as Billed | (kCnl/Kg) | 3,795.00 | | |
| 26 | GCV of Domestic Coal of the opening stock as received at Station | (kCal/Kg) | 3,625.00 | | |
| 27 | GCV of domestic coal supplied as recived at station | (kCnl/Kg) | 3,638.00 | | |
| 28 | GCV of imported coal of opening stock as recived at station | (kCal/Kg) | N/A | | |
| 29 | GCV of Imported Coal supplied as received at Station | (kCal/Kg) | N/A | | |
| SPECIAL RES | Weighted average GCV of coal/Lignite as Received | (kCal/Kg) | 3,633.00 | | |
| 30(a) | Weighted average GCV of coal/Lignite as Received (incliding Imported Coal) | (kCnl/Kg) | 3,633.00 | | |

Sonali Rani

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AMIT

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by AMIT BISWAS

DISCUMENT SEPTIMED SPRASHANT

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PROPRIES

For M.C. Bhold A TURVEDI Chartered Accountant 2024. PRASHANT

Reason: AGM (ommercial) Location: NTPC Ltd

Name of the Petitioner:

NTPC Ltd

Name of the Generating Station: Northkarnpura Super Thermal Power Project

| | | Unit | July 2023 | |
|-----------------|--|-----------|-----------------|----------|
| | | | Domestic | Imported |
| 1 | Opening quantity of coal/Lignite | (MT) | 2,39,961,41 | |
| 2 | Value of stock | | 49,35,05,877.56 | |
| 3 | Quantity of Coal/Lignite supplied by Coal/Lignite Company | (MT) | 2,92,850.32 | |
| 4 | Adjustment (+/-) in quantity supplied made by Coal/Lignite Company | (MT) | 9+ | |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | (MT) | 2,92,850.32 | |
| 6 | Normative Transit & Handling Losses (For coal/Lignite based Projects) @0.2% | (MI) | 585.70 | - |
| 7 | Net coal / Lignite Supplied (3-4) | (MT) | 2,92,264.62 | 'n |
| 8 | Amount charged by the Coal / Lignite Company | (Rs.) | 54,80,00,452.97 | |
| 9 | Adjustment (+/-) in amount charged made by Coal/Lignite Company | (Rs.) | 0.00 | |
| 10 | Handling,Sampling and such other similar charges | | | 1 |
| 11 | Total amount Charged (8+9+10) | (Rs.) | 54,80,00,452.97 | h |
| 12 | Transportation charges by rail/ship/road transport | (Rs.) | 4,07,42,471.62 | |
| 13 | Adjustment (+/-) in amount charged made by Railways/Transport Company | (Rs.) | Ni | |
| 14 | Demurrage Charges, if any | (Rs.) | 0.00 | |
| 15 | Cost of diesel in transporting coal through MGR system, if applicable | (Rs.) | 0.00 | |
| 16 | Total Transportation Charges (12+13+14+15) | (Rs.) | 4,07,42,471.62 | |
| 17 | Total amount Charged for coal/lignite supplied including Transportation (11+16) | (Rs.) | 58,87,42,924.59 | |
| 18 | Landed cost of coal/ Lignite (2+17)/(1+7) | (Rs/MT) | 2,033,44 | - |
| 19 | Blending Ratio (Domestic/Imported) | 96 | N/A | |
| 20 | Weighted average cost of coal/Lignite for preceding three months | (Rs/MT) | 2,033.44 | |
| 21 | GCV of Domestic of the opening coal stock as per bill of coal company | (kCal/Kg) | 3,795.00 | |
| 22 | GCV of domestic coal as per bill of coal company. | (kCul/Kg) | 3,967.00 | |
| 23 | GCV of Imported Coal of the opening stock as per bill Coal Company | (kCul/Kg) | N/A | |
| 24 | GCV of imported coal supplied as per bill coal company | (kCal/Kg) | N/A | |
| 25 | Weighted average GCV of coal/Lignite as Billed | (kCnl/Kg) | 3,889.00 | P |
| 26 | GCV of Domestic Coal of the opening stock as received at Station | (kCal/Kg) | 3,633.00 | |
| 27 | GCV of domestic coal supplied as recived at station | (kCal/Kg) | 3,556.00 | |
| 28 | GCV of imported coal of opening stock as recived at station | (kCal/Kg) | N/A | AT . |
| ESPERANTE SALES | GCV of Imported Coal supplied as received at Station | (kCal/Kg) | N/A | |
| | Weighted average GCV of coal/Lignite as Received | (kCal/Kg) | 3,591.00 | |
| 30(a) | Weighted average GCV of coal/Lignite as Received (incliding Imported Coal) | (kCal/Kg) | 3,591.00 | |

Sonali Digitally signed by Sonali Rani Date:

Rani
2024.05.23
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Location: NTPC Ltd

NTPCLtd Name of the Petitioner:

Name of the Generating Station: Northkarnpura Super Thermal Power Project

| | | Unit | Aug 2023 | |
|-------|--|-----------|-----------------|----------|
| | | | Domestic | Imported |
| 1 | Opening quantity of coal/Lignite | (MT) | 2.62,427.03 | |
| 2 | Value of stock | | 53,36,29,180.83 | |
| 3 | Quantity of Coal/Lignite supplied by Coal/Lignite Company | (MT) | 2,78,552,87 | |
| 4 | Adjustment (+/-) in quantity supplied made by Coal/Lignite Company | (MT) | - | |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | (MT) | 2,78,552.87 | |
| 6 | Normative Transit & Handling Losses (For coal/Lignite based Projects) @0.2% | (MT) | 557.11 | |
| 7 | Net coal / Lignite Supplied (3-4) | (MT) | 2,77,995.76 | |
| 8 | Amount charged by the Coal / Lignite Company | (Rs.) | 52,23,54,391,31 | |
| 9 | Adjustment (+/-) in amount charged made by Coal/Lignite Company | (Rs.) | 0.00 | |
| 10 | Handling, Sampling and such other similar charges | | 61,879.72 | |
| 11 | Total amount Charged (8+9+10) | (Rs.) | 52,24,16,271.03 | |
| 12 | Transportation charges by rail/ship/road transport | (Rs.) | 4,30,02,309,14 | |
| 13 | Adjustment (+/-) in amount charged made by Railways/Transport Company | (Rs.) | Nil | |
| 14 | Demurrage Charges, if any | (Rs.) | 0.00 | |
| 15 | Cost of diesel in transporting coal through MGR system, if applicable | (Rs.) | 0.00 | |
| 16 | Total Transportation Charges (12+13+14+15) | (Rs.) | 4,30,02,309.14 | |
| 1.7 | Total amount Charged for coal/lignite supplied including Transportation (11+16) | (Rs.) | 56,54,18,580.17 | |
| 18 | Landed cost of coal/ Lignite (2+17)/(1+7) | (Rs/MT) | 2,033.68 | |
| 19 | Blending Ratio (Domestic/Imported) | % | N/A | |
| 20 | Weighted average cost of coal/Lignite for preceding three months | (Rs./MT) | 2,033.68 | |
| 21 | GCV of Domestic of the opening coal stock as per bill of coal company | (kCal/Kg) | 3,889.00 | |
| 22 | GCV of domestic coal as per bill of coal company. | (kCal/Kg) | 3,931.00 | |
| 23 | GCV of Imported Coal of the opening stock as per bill Coal Company | (kCal/Kg) | N/A | |
| 24 | GCV of imported coal supplied as per bill coal company | (kCal/Kg) | N/A | |
| 25 | Weighted average GCV of coal/Lignite as Billed | (kCal/Kg) | 3,910.00 | |
| 26 | GCV of Domestic Coal of the opening stock as received at Station | (kCal/Kg) | 3,591.00 | |
| 27 | GCV of domestic coal supplied as recived at station | (kCnl/Kg) | 3,563.00 | |
| 28 | GCV of imported coal of opening stock as recived at station | (kCal/Kg) | N/A | |
| 29 | GCV of Imported Coal supplied as received at Station | (kCal/Kg) | N/A | |
| 30 | Weighted average GCV of coal/Lignite as Received | (kCnl/Kg) | 3,577.00 | |
| ()(a) | Weighted average GCV of coal/Lignite as Received (incliding Imported Coal) | (kCnl/Kg) | 3,577.00 | |

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For M.C. Bhandfully signed by P ASHANT Chartered Accountants 12024. 30 22:04:08 IST Reason: AGM (commercial)
Location: NTPC Ltd

Name of the Petitioner: NTPC Ltd

Name of the Generating Station: Northkampura Super Thermal Power Project

| | | Unit | Sep 20 | Sep 2023 | |
|--------------------------|--|-----------|-----------------|----------|--|
| | | | Domestic | Imported | |
| 1 | Opening quantity of coal/Lignite | (MT) | 2,58,840.80 | | |
| 2 | Value of stock | | 52,63,99,700.41 | | |
| 3 | Quantity of Coal/Lignite supplied by Coal/Lignite Company | (MII) | 2,52,900,60 | | |
| 4 | Adjustment (+/-) in quantity supplied made by Coal/Lignite Company | (MT) | - | | |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | (MT) | 2,52,900.60 | | |
| 6 | Normative Transit & Handling Losses (For coal/Lignite based Projects) ### ### ### ### ### ### #### ######## | (MT) | 505.80 | | |
| 7 | Net coal / Lignite Supplied (3-4) | (MT) | 2,52,394.80 | | |
| 8 | Amount charged by the Coal / Lignite Company | (Rs.) | 47,47,61,292.93 | | |
| 9 | Adjustment (+/-) in amount charged made by Coal/Lignite Company | (Rs.) | 0.00 | | |
| 10 | Handling Sampling and such other similar charges | | | | |
| 11 | Total amount Charged (8+9+10) | (Rs.) | 47,47,61,292.93 | | |
| 12 | Transportation charges by rail/ship/road transport | (Rs.) | 3,16,37,564.29 | | |
| 13 | Adjustment (+/-) in amount charged made by Railways/Transport Company | (Rs.) | Nil | | |
| 14 | Demurrage Charges, if any | (Rs.) | 0.00 | | |
| 15 | Cost of diesel in transporting coal through MGR system, if applicable | (Rs.) | 0.00 | | |
| 16 | Total Transportation Charges (12+13+14+15) | (Rs.) | 3,16,37,564.29 | | |
| 17 | Total amount Charged for coal/lignite supplied including Transportation (11+16) | (Rs.) | 50,63,98,857.22 | | |
| 18 | Landed cost of coal/ Lignite (2+17)/(1+7) | (Rs/MT) | 2,020.20 | | |
| 19 | Blending Ratio (Domestic/Imported) | % | N/A | | |
| 20 | Weighted average cost: of coal/Lignite for preceding three months | (Rs./MT) | 2,020.20 | | |
| 21 | GCV of Domestic of the opening coal stock as per bill of coal company | (kCnl/Kg) | 3,910.00 | | |
| 22 | GCV of domestic coal as per bill of coal company. | (kCal/Kg) | 3,905.00 | | |
| 23 | GCV of Imported Coal of the opening stock as per bill Coal Company | (kCnl/Kg) | N/A | | |
| 24 | GCV of imported coal supplied as per bill coal company | (kCnl/Kg) | N/A | | |
| 25 | Weighted average GCV of coal/Lignite as Billed | (kCul/Kg) | 3,908.00 | | |
| 26 | GCV of Domestic Coal of the opening stock as received at Station | (kCal/Kg) | 3,577.00 | | |
| 27 | GCV of domestic coal supplied as recived at station | (kCnl/Kg) | 3,328.00 | | |
| 28 | GCV of imported coal of opening stock as recived at station | (kCal/Kg) | N/A | | |
| 29 | GCV of Imported Coal supplied as received at Station | (kCal/Kg) | N/A | | |
| THE RESERVE AND ADDRESS. | Weighted average GCV of coal/Lignite as Received | (kCal/Kg) | 3,457.00 | | |
| 0(a) | Weighted average GCV of coal/Lignite as Received (incliding Imported Coal) | (kCal/Kg) | 3,457.00 | | |

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NTPC Ltd Name of the Petitioner:

Name of the Generating Station: Northkarnpura Super Thermal Power Project

| | | Unit | | 23 |
|------|--|-----------|-----------------|----------|
| | | | Domestic | Imported |
| 1 | Opening quantity of coal/Lignite | (MT) | 2,04,224.10 | |
| 2 | Value of stock | | 41,25,73,680.99 | |
| 3 | Quantity of Coal/Lignite supplied by Coal/Lignite Company | (MT) | 3,11,425.43 | |
| 4 | Adjustment (+/-) in quantity supplied made by Coal/Lignite Company | (MT) | - | |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | (MT) | 3,11,425,43 | |
| 6 | Normative Transit & Handling Losses (For coal/Lignite based Projects) @0.2% | (MT) | 622.85 | |
| 7 | Net coal / Lignite Supplied (3-4) | (MT) | 3,10,802.58 | |
| 8 | Amount charged by the Coal / Lignite Company | (Rs.) | 59,03,51,572,68 | |
| 9 | Adjustment (+/-) in amount charged made by Coal/Lignite Company | (Rs.) | 0.00 | |
| 10 | Handling,Sampling and such other similar charges | | 48,48,078,58 | |
| 11 | Total amount Charged (8+9+10) | (Rs.) | 59,51,99,651.26 | |
| 12 | Transportation charges by rail/ship/road transport | (Rs.) | 4,65,04,645.12 | |
| 13 | Adjustment (+/-) in amount charged made by Railways/Transport Company | (Rs.) | Nil | |
| 14 | Demurrage Charges, if any | (Rs.) | 0.00 | |
| 15 | Cost of diesel in transporting coal through MGR system, if applicable | (Rs.) | 0.00 | |
| 16 | Total Transportation Charges (12+13+14+15) | (Rs.) | 4,65,04,645.12 | |
| 17 | Total amount Charged for coal/lignite supplied including Transportation (11+16) | (Rs.) | 64,17,04,296.38 | |
| 18 | Landed cost of coal/ Lignite (2+17)/(1+7) | (Rs/MT) | 2,047.04 | |
| 19 | Blending Ratio (Domestic/Imported) | % | N/A | |
| 20. | Weighted average cost of coal/Lignite for preceding three months | (Rs/MT) | 2,047.04 | |
| 21 | GCV of Domestic of the opening coal stock as per bill of coal company | (kCal/Kg) | 3,908.00 | |
| 22 | GCV of domestic coal as per bill of coal company. | (kCnl/Kg) | 4,025.00 | |
| 23 | GCV of Imported Coal of the opening stock as per bill Coal Company | (kCnl/Kg) | N/A | |
| 24 | GCV of imported coal supplied as per bill coal company | (kCnl/Kg) | N/A | |
| 25 | Weighted average GCV of coal/Lignite as Billed | (kCal/Kg) | 3,978.00 | |
| 26 | GCV of Domestic Coal of the opening stock as received at Station | (kCal/Kg) | 3,457.00 | |
| 27 | GCV of domestic coal supplied as recived at station | (kCal/Kg) | 3,339.00 | |
| 28 | GCV of imported coal of opening stock as received at station | (kCal/Kg) | N/A | |
| 29 | GCV of Imported Coal supplied as received at Station | (kCal/Kg) | N/A | |
| 30 | Weighted average GCV of coal/Lignite as Received | (kCal/Kg) | 3,387.00 | |
| 0(a) | Weighted average GCV of coal/Lignite as Received (incliding Imported Coal) | (kCnl/Kg) | 3,387.00 | |

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AMIT RASHANT Chartered Reason : AGM Commercial)
Location: NTPC Ltd

Name of the Petitioner:

NTPC Ltd

Name of the Generating Station: Northkampura Super Thermal Power Project

| | Unit | | Nov 20 | Nov 2023 | |
|------|--|-----------|-----------------|----------|--|
| | | | Domestic | Imported | |
| 1 | Opening quantity of coal/Lignite | (MT) | 2,08,315.98 | | |
| 2 | Value of stock | | 42,64,30,232.53 | | |
| 3 | Quantity of Coal/Lignite supplied by Coal/Lignite Company | (MT) | 4,26,920.02 | | |
| 4 | Adjustment (+/-) in quantity supplied made by Coal/Lignite Company | (MT) | - | | |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | (MT) | 4,26,920.02 | | |
| 6 | Normative Transit & Handling Losses (For coal/Lignite based Projects) | (MT) | 853.84 | | |
| 7 | Net coal / Lignite Supplied (3-4) | (MT) | 4,26,066.17 | | |
| 8 | Amount charged by the Coal / Lignite Company | (Rs.) | 80,52,79,710.75 | | |
| 9 | Adjustment (+/-) in amount charged made by Coal/Lignite Company | (Rs.) | 0.00 | | |
| 10 | Handling Sampling and such other similar charges | | 47,72,941.03 | | |
| 11 | Total amount Charged (8+9+10) | (Rs.) | 81,00,52,651.78 | | |
| 12 | Transportation charges by rail/ship/road transport | (Rs.) | 6,13,94,003.31 | | |
| 1.3 | Adjustment (+/-) in amount charged made by Railways/Transport Company | (Rs.) | .Nil | | |
| 14 | Demurrage Charges, if any | (Rs.) | 0.00 | | |
| 15 | Cost of diesel in transporting coal through MGR system, if applicable | (Rs.) | 0.00 | | |
| 16 | Total Transportation Charges (12+13+14+15) | (Rs.) | 6,13,94,003.31 | | |
| 17 | Total amount Charged for coal/lignite supplied including Transportation (11+16) | (Rs.) | 87,14,46,655.09 | | |
| 18 | Landed cost of coal/ Lignite (2+17)/(1+7) | (Rs/MT) | 2,045,89 | | |
| 19 | Blending Ratio (Domestic/Imported) | 76 | N/A | | |
| 20 | Weighted average cost of coal/Lignite for preceding three months | (Rs./MT) | 2,045.89 | | |
| 21 | GCV of Domestic of the opening coal stock as per bill of coal company | (kCnl/Kg) | 3,978.00 | | |
| 22 | GCV of domestic coal as per bill of coal company. | (kCal/Kg) | 4,076.00 | | |
| 23 | GCV of Imported Coal of the opening stock as per bill Coal Company | (kCnl/Kg) | N/A | | |
| 24 | GCV of imported coal supplied as per bill coal company | (kCnl/Kg) | N/A | | |
| 25 | Weighted average GCV of coal/Lignite as Billed | (kCul/Kg) | 4,043.00 | | |
| 26 | GCV of Domestic Coal of the opening stock as received at Station | (kCal/Kg) | 3,387.00 | | |
| 27 | GCV of domestic coal supplied as recived at station | (kCnl/Kg) | 3,285.00 | | |
| 28 | GCV of imported coal of opening stock as recived at station | (kCal/Kg) | N/A | | |
| 29 | GCV of Imported Coal supplied as received at Station | (kCal/Kg) | N/A | | |
| 30 | Weighted average GCV of coal/Lignite as Received | (kCal/Kg) | 3,320.00 | | |
| O(a) | Weighted average GCV of coal/Lignite as Received (incliding Imported Coal) | (kCnl/Kg) | 3,320.00 | | |

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PART-I FORM- 15

provisional

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

Name of the Petitioner:

NTPCLtd

Name of the Generating Station: Northkarnpura Super Thermal Power Project

| | | Unit | Dec 20. | 23 |
|-------|--|-----------|-----------------|----------|
| | | | Domestic | Imported |
| 1 | Opening quantity of coal/Lignite | (MT) | 3,03,851.15 | |
| 2 | Value of stock | | 62,16,46,407.99 | |
| 3 | Quantity of Coal/Lignite supplied by Coal/Lignite Company | (MT) | 2,68,724.52 | |
| 4 | Adjustment (+/-) in quantity supplied made by Coal/Lignite Company | (MT) | - | |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | (MT) | 2,68,724.52 | |
| 6 | Normative Transit & Handling Losses (For coal/Lignite based Projects) @0.2% | (MT) | 537.45 | |
| 7 | Net coal / Lignite Supplied (3-4) | (MT) | 2,68,187.07 | |
| 8 | Amount charged by the Coal / Lignite Company | (Rs.) | 51,22,51,295,27 | |
| 9 | Adjustment (+/-) in amount charged made by Coal/Lignite Company | (Rs.) | 0.00 | |
| 10 | Handling, Sampling and such other similar charges | | 47,03,349.59 | |
| 11 | Total amount Charged (8+9+10) | (Rs.) | 51,69,54,644.86 | |
| 12 | Transportation charges by rail/ship/road transport | (Rs.) | 3,92,42,757.05 | |
| 13 | Adjustment (+/-) in amount charged made by Railways/Transport Company | (Rs.) | Nil | |
| 14 | Demurrage Charges, if any | (Rs.) | 0.00 | |
| 15 | Cost of diesel in transporting coal through MGR system, if applicable | (Rs.) | 0.00 | |
| 16 | Total Transportation Charges (12+13+14+15) | (Rs.) | 3,92,42,757.05 | |
| 1.7 | Total amount Charged for coal/lignite supplied including Transportation (11+16) | (Rs.) | 55,61,97,401.91 | |
| 18 | Landed cost of coal / Lignite (2+17) / (1+7) | (Rs/MT) | 2,059.03 | |
| 19 | Blending Ratio (Domestic/Imported) | % | N/A | |
| 20 | Weighted average cost of coal/Lignite for preceding three months | (Rs./MT) | 2,059.03 | |
| 21 | GCV of Domestic of the opening coal stock as per bill of coal company | (kCal/Kg) | 4,043.00 | |
| 22 | GCV of domestic coal as per bill of coal company. | (kCal/Kg) | 3,960.00 | |
| 23 | GCV of Imported Coal of the opening stock as per bill Coal Company | (kCal/Kg) | N/A | |
| 24 | GCV of imported coal supplied as per bill coal company | (kCal/Kg) | N/A | |
| 25 | Weighted average GCV of coal/Lignite as Billed | (kCal/Kg) | 4,005.00 | |
| 26 | GCV of Domestic Coal of the opening stock as received at Station | (kCal/Kg) | 3,320.00 | |
| 27 | GCV of domestic coal supplied as recived at station | (kCnl/Kg) | 3,294.00 | |
| 28 | GCV of imported coal of opening stock as recived at station | (kCal/Kg) | N/A | |
| 29 | GCV of Imported Coal supplied as received at Station | (kCal/Kg) | N/A | |
| | Weighted average GCV of coal/Lignite as Received | (kCnl/Kg) | 3,308.00 | |
| 30(a) | Weighted average GCV of coal/Lignite as Received (incliding Imported Coal) | (kCnl/Kg) | 3,308.00 | |

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Reason: AGM Commercial)

Location: NTPC Ltd

Form - 15 version: 2

| Cor | mpany | NTPC Limited | 120.75 | |
|----------|---|--|----------------|-------------------|
| Nar | ne of the generating Station | North Karanpura Thermal | Power-STAGE 01 | |
| Mo | nth | January-2024 | | |
| SL | Particulars | ALCONO. CANADA C | Unit | COAL-DOMESTIC |
| A) | OPENING QUANTITY | | | |
| 1 | Opening Stock of coal | | MT | 246923.2 |
| 2 | Value of Stock | | Rs. | 508422298.8 |
| B) | QUANTITY | | 1000 | COMPANION OF SAME |
| 3 | Quantity of Coal /Lignite supplied by Coal / Lignite Company | | MT | 281365.6 |
| 3.01 | - Qty Received (Pit Head) | | MT | 281365.6 |
| 3.02 | - City Received (Non Pit Head) | | MT | 0.0 |
| 4 | Adjustment (+/-) in quantity supplied made by Coal / Lignite C | ompany | MT | 0.0 |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | | MT | 281365.6 |
| 6 | Normative transit & Handling losses (for Coal /Lignite based p | rojects) | MT | 562.7 |
| 6.01 | - Normative Loss (Pit Head) | | MT | 562.7 |
| 6.02 | - Normative Loss (Non Pit Head) | | MT | 0.0 |
| 7 | Net Coal / Lignite supplied (5 - 6) | | MT | 280802.9 |
| C) | PRICE | | Pris. | 1000-A CHESCO |
| 8 | Amount charged by the Coal / Lignite Company | | Rs. | 520048290.8 |
| .8 | Adjustment (* /-) in amount charged by coal / Lignite Compar | ny | Rs. | 0.0 |
| 10 | Handling,Sampling and such other Similar charges | | Rs. | 2679186.3 |
| 11 | Total Amount charged (8 +9+10) | | Rs. | 522727477.1 |
| D) | TRANSPORTATION | | 100 | 0.000 |
| 12 | Transportation charges by Rail / Ship / Road Transport | | Rs. | 15706450.7 |
| 13 | Adjustment (+/-) in amount charged by railways / transport cor | mpany | Rs. | 0.0 |
| 14 | | | Rs. | 0.0 |
| 15 | | plicable | Rs. | 0.0 |
| 16 | H 보통하다 보다 경기를 하면 하나 보다 하면 하면 하고 있다. H H H H H H H H H H H H H H H H H H H | | Rs. | 15706450.7 |
| 17 | Total amount charged for Coal / Lignite supplied including tran | eportation (11 + 16) | Rs. | 538433927.8 |
| E) | TOTAL COST | | No. (A.10) | |
| Alle | Landed Cost of Coal/Lignite (2+17) / (1+7) | | Rs.MT | 1983.7 |
| 19 | | | 96 | 100.0 |
| 20 | [[[[[[] [[] [[] [] [] [] [] [] [] [] [] | | Rs.iMT | 1983.71 |
| 20.10 | Weighted average cost of Coal /Lignite (Excluding biomass) | | Rs./MT | 1983.7 |
| F) | QUALITY | | 5/15/54 | 80.71 |
| 21 | GCV of Domestic coal of the opening coal stock as per bill of | coal company | kCal/Kg | 400 |
| 22 | GCV of Domestic coal supplied as per bill of coal company | NAME OF THE PARTY | kCal/Kg | 396 |
| 23 | | coal company | kGal/Kg | |
| | GCV of Imported coal supplied as per bill of coal company | Allowed and the second | kCal/Kg | |
| WAS BUR | Weighted average GCV of Coal /Lignite as billed (Including bi | | kCal/Kg | 3983 |
| ALCOHOL: | Weighted average GCV of Coal /Lignite as billed (Excluding b | | kCal/Kg | 398 |
| | GCV of Domestic coal of the Opening stock as received at sta | | kCal/Kg | 330 |
| 27 | GCV of Domestic coal/biomass supplied as received at station | | kCal/Kg | 327 |
| 28 | GCV of Imported coal of the Opening stock as received at sta | tion | kCat/Kg | |
| 29 | GCV of Imported coal supplied as received at station | | kCal/Kg | - |
| 30 | | | kCal/Kg | 3289 |
| 30.10 | Weighted average GCV of coal/ Lignite as Received (Excluding | ng biomass) | kCal/Kg | 328 |

Submitted On: 11.04.2024

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by AMIT BISWAS Date: 2024.09.14

BISWAS Date: 2024.09.14

BISWAS Date: 2024.09.14

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For M.C. Bhandari & Co.
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Date: 2024: 130 22:04:08 IST Reason: AGM Commercial) Location: NTPC Ltd

Company

pes Form - 15 version: 1

NTPC Limited

North Karanpura Thermal Power-STAGE 01

| Name of the generating Station North Karanpura Thermal Power-ST | | ower-STAGE 01 | | |
|---|---|--|---------|--|
| Mo | | February-2024 | | |
| SL | Particulars | | Unit | COAL-DOMESTIC |
| A) | OPENING QUANTITY | | | |
| 1 | Opening Stock of coal | | MT | 138652.17 |
| 2 | Value of Stock | | Rs. | 275045838.97 |
| B) | QUANTITY | | | SSILING DAYS NOW |
| - 3 | Quantity of Coal /Lignite supplied by Coal / Lignite Con | npany | MT | 461415.20 |
| 3.01 | - Qty Received (Pit Head) | 101. 370 | MT | 461415.20 |
| 3.02 | - City Received (Non Pit Head) | | MT | 0.00 |
| 4 | Adjustment (+/-) in quantity supplied made by Coal / Li | gnite Company | MT | 0.00 |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | | MT | 461415.20 |
| 6 | Normative transit & Handling losses (for Coal /Lignite to | pased projects) | MT | 922.83 |
| 6.01 | - Normative Loss (Pit Head) | | MT | 922.83 |
| 6.02 | - Normative Loss (Non Pit Head) | | MT | 0.00 |
| 7 | Net Coal / Lignite supplied (5 - 6) | | MT | 460492.37 |
| C) | PRICE | | 100 | THE STATE OF THE S |
| 8 | Amount charged by the Coal / Lignite Company | | Rs. | 841593384.00 |
| 9 | Adjustment (* / -) in amount charged by coal / Lignite (| Company | Rs. | 0.00 |
| 10 | Handling,Sampling and such other Similar charges | | Rs. | 3649814.27 |
| 11 | Total Amount charged (8 +9+10) | | Rs. | 845243198.27 |
| 0) | TRANSPORTATION | | | |
| 12 | Transportation charges by Rail / Ship / Road Transport | | Rs. | 86663034.35 |
| 13 | Adjustment (+/-) in amount charged by railways / trans- | port company | Rs. | 0.00 |
| 14 | Demurrage charges, if any Cost of diesel in transporting Coal through MGR system, if applicable | | Rs. | 0.00 |
| 15 | | | Rs. | 0.00 |
| 16 | Total transportation charges (12+/- 13 - 14 + 15) | | Rs. | 86663034.35 |
| 17 | Total amount charged for Coal / Lignite supplied includ | ing transportation (11 + 16) | Rs. | 931906232.62 |
| E) | TOTAL COST | | Stores. | COLUMN SECURITION OF SECURITIO |
| 18 | Landed Cost of Coal/Lignite (2+17) / (1+7) | | Rs.MT | 2014.46 |
| 19 | Blending Ratio (Domestic/Imported) | | 96 | 100.00 |
| 20 | Weighted average cost of Coal /Lignite (Including bion | ness) | Rs.MT | 2014.46 |
| 20.10 | | | Rs.MT | 2014.46 |
| F) | QUALITY | (Haba) | 1500001 | 2014.40 |
| 21 | GCV of Domestic coal of the opening coal stock as per | till of earl commons | kCat/Kg | 3983 |
| 22 | GCV of Domestic coal supplied as per bill of coal come | | kCal/Kg | 3828 |
| 1000 | | 291. (15zm. 144 17. (1497) - 154. (1 | kGal/Kg | 3020 |
| 23 | GCV of Imported coal of the opening coal stock as per GCV of Imported coal supplied as per bill of coal comp | · 보다는 이 1일 대학교들의 시작으로 에 다 등에 보다 | kCal/Kg | 1 |
| - 32 | | | | |
| WESTER | Weighted average GCV of Coal /Lignite as billed (Inclu | | kCal/Kg | The second second |
| - | Weighted average GCV of Coal /Lignite as billed (Excl. | \$ \$1.60 1.70 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | kCal/Kg | \$1 LET (1) |
| 26 | GCV of Domestic coal of the Opening stock as receive | | kCal/Kg | 3289 |
| 27 | GCV of Domestic coal/biomass supplied as received a | | kCal/Kg | 3321 |
| 28 | GCV of Imported coal of the Opening stock as received | o at station | kCat/Kg | 4 |
| 29 | GCV of Imported coal supplied as received at station | | kCal/Kg | |
| 30 | Weighted average GCV of coal/ Lignite as Received (I | | kCal/Kg | |
| 30.10 | Weighted average GCV of coal/ Lignite as Received (E | excluding biomass) | kGal/Kg | 3314 |

Submitted On: 11.04.2024

Sonali Rani

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Sanjay Sinha Digitally signed by Sanjay Sinha Date: 2024.08.21 18:16:45

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CHATURY SIGNED BY PRASHANT
CHAT

Form - 15 version: 1

| Cor | mpany | NTPC Limited | 750 77 | VI 3 - SV-300 |
|-------|--|---------------------------|----------------|---------------|
| | ne of the generating Station | North Karanpura Thermal I | Power-STAGE 01 | |
| Mor | Control of the Contro | March-2024 | | |
| SL | Particulars | | Unit | COAL-DOMESTIC |
| A) | OPENING QUANTITY | | - June | OGAL-DOMEDTIO |
| 1 | Opening Stock of coal | | MT | 221824.54 |
| 2 | Value of Stock | | Rs. | 446856425.5 |
| B) | QUANTITY | | 110 | 440000120.0 |
| - 3 | Quantity of Coal /Lignite supplied by Coal / Lignite Company | | MT | 501035.50 |
| 3.01 | - Qty Received (Pit Head) | | MT | 501035.50 |
| 3.02 | - City Received (Non Pit Head) | | MT | 0.00 |
| 4 | Adjustment (+/-) in quantity supplied made by Coal / Lignite Co | moany | MT | 0.0 |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | | MT | 501035.50 |
| 6 | Normative transit & Handling losses (for Coal /Lignite based pr | rojects) | MT | 1002.07 |
| 6.01 | | | MT | 1002.07 |
| 6.02 | | | MT | 0.00 |
| 7 | Net Coal / Lignite supplied (5 - 6) | | MT | 500033.43 |
| C) | PRICE | | Fed | |
| 8 | Amount charged by the Coal / Lignite Company | | Rs. | 939133311.00 |
| 9 | Adjustment (+ /-) in amount charged by coal / Lignite Compan | y | Rs. | 0.00 |
| 10 | Handling,Sampling and such other Similar charges | 77 | Rs. | 3913121.34 |
| 11 | Total Amount charged (8 +9+10) | | Rs. | 943046432.34 |
| D) | TRANSPORTATION | | | diamenta and |
| 12 | Transportation charges by Rail / Ship / Road Transport | | Rs. | 104950402,11 |
| 13 | Adjustment (+/-) in amount charged by railways / transport con | npany | Rs. | 0.00 |
| 14 | Demurrage charges, if any | | Rs. | 0.00 |
| 15 | Cost of diesel in transporting Coal through MGR system, if app | plicable | Rs. | 0.00 |
| 16 | Total transportation charges (12+1-13 - 14 + 15) | | Rs. | 104950402.11 |
| 17 | Total amount charged for Coal / Lignite supplied including trans | sportation (11 + 16) | Rs. | 1047996834.45 |
| E) | TOTAL COST | | 1,000 | |
| 18 | Landed Cost of Coal/Lignite (2+17) / (1+7) | | Rs.IMT | 2070.84 |
| 19 | Blending Ratio (Domestic/Imported) | | 96 | 100.00 |
| 20 | Weighted average cost of Coal /Lignite (Including biomass) | | Rs.MT | 2070.84 |
| 20.10 | Weighted average cost of Coal /Lignite (Excluding biomass) | | Rs./MT | 2070.84 |
| F) | QUALITY | | 1,153,554 | anu e |
| 21 | GCV of Domestic coal of the opening coal stock as per bill of o | coal company | kCal/Kg | 3864 |
| 22 | GCV of Domestic coal supplied as per bill of coal company | | kCal/Kg | 3904 |
| 23 | GCV of Imported coal of the opening coal stock as per bill of c | oal company | kCal/Kg | - (|
| 24 | GCV of Imported coal supplied as per bill of coal company | | kCal/Kg | -(|
| 25 | Weighted average GCV of Coal /Lignite as billed (Including bio | omass) | kCal/Kg | 3892 |
| 25.10 | Weighted average GCV of Coal /Lignite as billed (Excluding bi | omass) | kCal/Kg | 3892 |
| 26 | GCV of Domestic coal of the Opening stock as received at star | | kCal/Kg | 3314 |
| 27 | GCV of Domestic coal/biomass supplied as received at station | | kCal/Kg | 3476 |
| 28 | GCV of Imported coal of the Opening stock as received at stat | ion | kCal/Kg | (|
| 29 | GCV of Imported coal supplied as received at station | | kCal/Kg | |
| 30 | Weighted average GCV of coal/ Lignite as Received (Including | (biomass) | kCal/Kg | 3426 |
| 30.10 | Weighted average GCV of coal/ Lignite as Received (Excludin | g biomass) | kCal/Kg | 3426 |

Submitted On: 12.04.2024



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For M. College Of County and College Of College

Name of the Petitioner: Name of the Generating Station

NTPC Limited Northkarnpura Super Thermal Power Project

| S. No. | Month | Unit | Apr-23 |
|--------|---|-------------|--------------|
| 3.140. | IVIONEN | Onn | LDO |
| | | | M1149200900 |
| A) | OPENING QUANTITY | | |
| | Opening Stack of Oil | (KL) | 4971.30 |
| 2 | Value of Opening Stock | (Rs.) | 437352225.29 |
| в) | QUANTITY | | |
| 3 | Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company | (KL) | 165.91 |
| | Adjustment (-) in quantity supplied by Secondary Fuel/ Company | (KL) | 0.00 |
| | Secondary Fuel Supplied by Secondary Fuel / Company (3-4) | (KL) | 165.91 |
| | Normative transit & Handling losses (for Secondary Fuel / based projects) | (KL) | 0.00 |
| | Net Secondary Fuel / supplied (5-6) | (RCL) | 165.91 |
| C) | PRICE | APPLICATION | |
| | Amount Charged by the Secondary Fuel/ Company | (Rs.) | 8747855.49 |
| | Adjustment (+/-) in amount charged by Secondary Fuel/ Company | (Rs.) | 0.00 |
| | Handling, Sampling & Such other similar charges | (Rs.) | 0.00 |
| | Total Amount Charged (8+9+10) | (Rs.) | 8747855.49 |
| - | Total Amount Charged (6*3*10) | Inz/ | 0747833.43 |
| D) | TRANSPORATION | | |
| | Transportation charges by Rail/Ship/Road Transport | (Rs.) | 0.00 |
| 13 | Adjustment (+/-) in amount charged by Rail/Ship/Road Company | (Rs.) | 0.00 |
| | Demurrage charges , if any | (Rs.) | 0.00 |
| 15 | Cost of diesel in transporting Secondary Fuel through MGR system if applicable | (Rs.) | 0.00 |
| 16 | Total Transportation Charges (12-13+14+15) | (Rs.) | 0.00 |
| 17 | Total amount charged for Secondary Fuel/ supplied including transportation (11+16) | (Rs.) | 8747855.49 |
| | Landed cost of Secondary Fuel (2+17) / (1+7) | Rs./KL | 86837.02 |
| | Blending Ratio | | 1.00 |
| | Weighted Average Cost of Secondary Fuel/ For the month | Rs./KL | 86837.00 |
| 60 | QUALITY |) | |
| e) | GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of | | |
| 21 | Secondary Fuel Company, | (kcal/t) | NA |
| 22 | GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company, | (kcal/L) | NA |
| 23 | GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company, | (kcal/L) | |
| 24 | GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company | (kcal/L) | man la |
| 25 | Weighted average GCV of Secondary Fuel/ as Billed | (kcal/L) | NA. |
| | GCV of Domestic Secondary Fuel of the opening stock as received at Station | (kcal/L) | 0 |
| | GCV of Domestic Secondary Fuel supplied as received at Station | (kcal/L) | 0 |
| | GCV of Imported Secondary Fuel of opening stock as received at Station | (kcal/t) | - 103 |
| | GCV of Imported Secondary Fuel of supplied as received at Station | (kcal/L) | |
| 15000 | Weighted average GCV of Secondary Fuel/ as Received | (kcal/L) | 9306 |

Sonali Rani

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AMITDocum Provide Hyper ASHANT CHATURY AND Date: 2024.09.14

BISW A C Date: 2024.09.14

CHATURY Signed by PRASHANT CHATURY OF PROVIDED PRO

Name of the Petitioner: Name of the Generating Station NTPC Limited Northkarnpura Super Thermal Power Project

| S. No. | Month | Unit | May-23 |
|--------|---|------------|--------------|
| 9+ MO+ | IVIONEI | CHINE S | LDO |
| | | | M1149200900 |
| 4) | OPENING QUANTITY | | |
| 1 | Opening Stock of Oil | (KL) | 4932.88 |
| 2 | Value of Opening Stock | (Rs.) | 428080081.05 |
| В) | QUANTITY | Ī. | |
| , | Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company | (KL) | 0.00 |
| | Adjustment (-) in quantity supplied by Secondary Fuel/ Company | (KL) | 0.0 |
| | Secondary Fuel Supplied by Secondary Fuel / Company (3-4) | (KL) | 0.0 |
| | Normative transit & Handling losses (for Secondary Fuel / based projects) | (KL) | 0.00 |
| | Net Secondary Fuel / supplied (5-6) | (KL) | 0.00 |
| | | 7.27 | |
| | PRICE | | 5252 |
| | Amount Charged by the Secondary Fuel/ Company | (Rs.) | 0.00 |
| | Adjustment (+/-) in amount charged by Secondary Fuel/ Company | (Rs.) | 0.0 |
| | Handling, Sampling & Such other similar charges | (Rs.) | 0.0 |
| - 11 | Total Amount Charged (8+9+10) | (Rs.) | 0.0 |
| 0) | TRANSPORATION | | |
| 12 | Transportation charges by Rail/Ship/Road Transport | (Rs.) | 0.0 |
| 13 | Adjustment (+/-) in amount charged by Rail/Ship/Road Company | (Rs.) | 0.00 |
| 14 | Demurrage charges , if any | (Rs.) | 0.00 |
| 15 | Cost of diesel in transporting Secondary Fuel through MGR system if applicable | (Rs.) | 0.0 |
| 16 | Total Transportation Charges (12-13+14+15) | (Rs.) | 0.0 |
| 17 | Total amount charged for Secondary Fuel/ supplied including transportation (11+16) | (Rs.) | 0.0 |
| - | Landed cost of Secondary Fuel (2+17) / (1+7) | Rs./KL | 86781.0 |
| | Blending Ratio | I GARAGINA | 1.0 |
| | Weighted Average Cost of Secondary Fuel/ For the month | Rs./KL | 86781.00 |
| | OLIALITY. | | |
| | GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of | | 0.00 |
| | Secondary Fuel Company, | (kcal/t) | NA |
| 22 | GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company, | (kcal/L) | NA |
| 23 | GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company, | (kcal/L) | |
| 24 | GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company | (kcal/L) | eral la |
| 25 | Weighted average GCV of Secondary Fuel/ as Billed | (kcal/L) | NA. |
| 26 | GCV of Domestic Secondary Fuel of the opening stock as received at Station | (kcal/t) | 0 |
| 27 | GCV of Domestic Secondary Fuel supplied as received at Station | (kcal/L) | 0 |
| 28 | GCV of Imported Secondary Fuel of opening stock as received at Station | (kcal/L) | - 100 |
| 29 | GCV of Imported Secondary Fuel of supplied as received at Station | (kcal/L) | |
| 150000 | Weighted average GCV of Secondary Fuel/ as Received | (kcal/L) | 9306 |

Sonali Rani

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A Macumen Politified 93° PRASHANT
CHATUR DE DM La Charles 2024.09.14

PICMA C Date: 2024.09.14

Name of the Petitioner: Name of the Generating Station

NTPC Limited Northkarnpura Super Thermal Power Project

| S. No. | Month | Unit | Jun-23 |
|--------|---|----------|--------------|
| 3-140- | Withinth | OTHE | LDO |
| | | | M1149200900 |
| 4) | OPENING QUANTITY | | |
| 1 | Opening Stock of Oil | (RCL) | 4508.68 |
| 2 | Value of Opening Stock | (Rs.) | 390670771.86 |
| B) | QUANTITY | Ť. | |
| | | | |
| 3 | Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company | (KL) | 530.75 |
| | Adjustment (-) in quantity supplied by Secondary Fuel/ Company | (KL) | 0.00 |
| | Secondary Fuel Supplied by Secondary Fuel / Company (3-4) | (KL) | 530.75 |
| | Normative transit & Handling losses (for Secondary Fuel / based projects) | (KL) | 0.00 |
| | Net Secondary Fuel / supplied (5-6) | (KL) | 530.75 |
| -1 | Innier | A-VI N | |
| C) | PRICE | | |
| | Amount Charged by the Secondary Fuel/ Company | (Rs.) | 40544396.20 |
| | Adjustment (+/-) in amount charged by Secondary Fuel/ Company | (Rs.) | 0.00 |
| | Handling, Sampling & Such other similar charges | (Rs.) | 0.00 |
| 11 | Total Amount Charged (8+9+10) | (Rs.) | 40544396.20 |
| D) | TRANSPORATION | | |
| | Transportation charges by Rail/Ship/Road Transport | (Rs.) | 0.00 |
| | Adjustment (+/-) in amount charged by Rail/Ship/Road Company | (Rs.) | 0.00 |
| | Demurrage charges , if any | (Rs.) | 0.00 |
| | Cost of diesel in transporting Secondary Fuel through MGR system if applicable | (Rs.) | 0.00 |
| | Total Transportation Charges (12-13+14+15) | (Rs.) | 0.00 |
| | | 52000 | |
| | Total amount charged for Secondary Fuel/ supplied including transportation (11+16) | (Rs.) | 40544396.20 |
| | Landed cost of Secondary Fuel (2+17) / (1+7) | Rs./KL | 85568.21 |
| | Blending Ratio | | 1.00 |
| 20 | Weighted Average Cost of Secondary Fuel/ For the month | Rs./KL | 85568.21 |
| E) | QUALITY | | |
| | GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of | | NA. |
| 21 | Secondary Fuel Company, | (kcal/L) | NA. |
| 22 | GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company, | (kcal/L) | NA |
| 23 | GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company, | (kcal/L) | |
| 24 | GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company | (kcal/L) | |
| 25 | Weighted average GCV of Secondary Fuel/ as Billed | (kcal/L) | NA. |
| | GCV of Domestic Secondary Fuel of the opening stock as received at Station | (kcal/L) | 0 |
| | GCV of Domestic Secondary Fuel supplied as received at Station | (kcal/L) | 0 |
| | GCV of Imported Secondary Fuel of opening stock as received at Station | (kcal/L) | |
| | GCV of Imported Secondary Fuel of supplied as received at Station | (kcal/L) | |
| 1800 | Weighted average GCV of Secondary Fuel/ as Received | (kcal/L) | 9313 |

Sonali Rani

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Sanjay Sinha Date: 2024.08.23 18:03:38 +05'30'

AMI CHATUBY EDIT TRISTATURY CONTROL BISWAS Date: 2024.09.14
CHATURVEDI Location: NTPC Ltd

Name of the Petitioner: Name of the Generating Station

NTPC Limited Northkarnpura Super Thermal Power Project

| S. No. | Month | Unit | Jul-23 |
|---------|---|----------|--------------|
| 3. IVO. | IVIONEI | Unit | LDO |
| | | | M1149200900 |
| 4) | OPENING QUANTITY | | |
| 1 | Opening Stock of Oil | (KL) | 4446.85 |
| | Value of Opening Stock | (Rs.) | 379739959.15 |
| 3) | QUANTITY | | |
| - | COMMITTEE TO SEE THE PROPERTY OF THE PROPERTY | | |
| 1 | Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company | (KL) | 1854.95 |
| - | Adjustment (-) in quantity supplied by Secondary Fuel/ Company | (KL) | 0.00 |
| | Secondary Fuel Supplied by Secondary Fuel / Company (3-4) | (KL) | 1854.95 |
| | Normative transit & Handling losses (for Secondary Fuel / based projects) | (KL) | 0.00 |
| | Net Secondary Fuel / supplied (5-6) | (KL) | 1854.95 |
| -1 | Insuer | A-VI N | |
| C) . | PRICE | (0.1 | |
| | Amount Charged by the Secondary Fuel/ Company | (Rs.) | 146963164.04 |
| | Adjustment (+/-) in amount charged by Secondary Fuel/ Company | (Rs.) | 0.00 |
| | Handling, Sampling & Such other similar charges | (Rs.) | 0.00 |
| 11 | Total Amount Charged (8+9+10) | (Rs.) | 146963164.04 |
| 0) | TRANSPORATION | | |
| 17 | Transportation charges by Rail/Ship/Road Transport | (Rs.) | 0.00 |
| 13 | Adjustment (+/-) in amount charged by Rail/Ship/Road Company | (Rs.) | 0.00 |
| | Demurrage charges , if any | (Rs.) | 0.00 |
| | Cost of diesel in transporting Secondary Fuel through MGR system if applicable | (Rs.) | 0.00 |
| | Total Transportation Charges (12-13+14+15) | (Rs.) | 0.00 |
| - | | 10.1 | ********* |
| | Total amount charged for Secondary Fuel/ supplied including transportation (11+16) | (Rs.) | 146963164.04 |
| | Landed cost of Secondary Fuel (2+17) / (1+7) | Rs./KL | 83579.80 |
| | Blending Ratio | D- 001 | 1.00 |
| 28 | Weighted Average Cost of Secondary Fuel/ For the month | Rs./KL | 83579.80 |
| E) | QUALITY | I and | |
| | GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of | 7 | NA |
| 21 | Secondary Fuel Company, | (kcal/L) | NA. |
| 27 | GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company, | (kcal/L) | NA |
| 23 | GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company, | (kcal/L) | |
| 24 | GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company | (kcal/L) | |
| 25 | Weighted average GCV of Secondary Fuel/ as Billed | (kcal/L) | NA. |
| | GCV of Domestic Secondary Fuel of the opening stock as received at Station | (kcal/L) | 0 |
| | GCV of Domestic Secondary Fuel supplied as received at Station | (kcal/L) | 0 |
| | GCV of Imported Secondary Fuel of opening stock as received at Station | (kcal/L) | 100 |
| | GCV of Imported Secondary Fuel of supplied as received at Station | (kcal/L) | |
| 1000 | Weighted average GCV of Secondary Fuel/ as Received | (kcal/L) | 9256 |

Sonali Rani

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Sanjay Sinha Digitally signed by Sanjay Sinha Date: 2024.08.23 18:04:09 +05'30'

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SHANT Reason: AGM commercial)
Location: NTPC Ltd

Name of the Petitioner: Name of the Generating Station

NTPC Limited Northkarnpura Super Thermal Power Project

| S. No. | Month | Unit | Aug-23 |
|---------|--|-------------------|------------------|
| 3. IVO. | IVIONEN | Onic | LDO |
| | | | M1149200900 |
| A) | OPENING QUANTITY | | |
| 1 | Opening Stack of Oil | (KL) | 5702.90 |
| 2 | Value of Opening Stock | (Rs.) | 474511218.15 |
| В) | QUANTITY | ī | |
| | | | |
| 3 | Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company | (KL) | 1151.53 |
| | Adjustment (-) in quantity supplied by Secondary Fuel/ Company | (KL) | 0.00 |
| | Secondary Fuel Supplied by Secondary Fuel / Company (3-4) | (KL) | 1151.53 |
| | Normative transit & Handling losses (for Secondary Fuel / based projects) | (KL) | 0.00 |
| | Net Secondary Fuel / supplied (5-6) | (KL) | 1151.5 |
| C) | PRICE | A-71 | |
| | | (O+) | 00220205 |
| | Amount Charged by the Secondary Fuel/ Company | (Rs.) | 99319365.51 |
| | Adjustment (+/-) in amount charged by Secondary Fuel/ Company | (Rs.) | 0.00 |
| | Handling, Sampling & Such other similar charges | (Rs.) | 0.00 |
| - 11 | Total Amount Charged (8+9+10) | (Rs.) | 99319365.51 |
| 0) | TRANSPORATION | | |
| | Transportation charges by Rail/Ship/Road Transport | (Rs.) | 0.00 |
| | Adjustment (+/-) in amount charged by Rail/Ship/Road Company | (Rs.) | 0.00 |
| | Demurrage charges , if any | (Rs.) | 0.00 |
| | Cost of diesel in transporting Secondary Fuel through MGR system if applicable | (Rs.) | 0.00 |
| | Total Transportation Charges (12-13+14+15) | (Rs.) | 0.00 |
| 47 | Total amount of the Committee Contract of the Committee Contract of the Contra | 10-1 | 000100000 |
| | Total amount charged for Secondary Fuel/ supplied including transportation (11+16) | (Rs.) | 99319365.51 |
| | Landed cost of Secondary Fuel (2+17) / (1+7) | Rs./KL | 83716.95 |
| | Blending Ratio Weighted Average Cost of Secondary Fuel/ For the month | Rs./KL | 1.00 83716.95 |
| 20 | vieignted investage cost of Secondary ruley not the month | Na.Joh | 03710.30 |
| E) | QUALITY | | |
| | GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of | The second second | NA. |
| 21 | Secondary Fuel Company, | (kcal/L) | THE . |
| 22 | GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company, | (kcal/L) | NA |
| 23 | GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company, | (kcal/L) | |
| 24 | GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company | (kcal/L) | |
| 25 | Weighted average GCV of Secondary Fuel/ as Billed | (kcal/L) | NA. |
| | GCV of Domestic Secondary Fuel of the opening stock as received at Station | (kcal/L) | 0 |
| | GCV of Domestic Secondary Fuel supplied as received at Station | (kcal/L) | 0 |
| | GCV of Imported Secondary Fuel of opening stock as received at Station | (kcal/t) | - 103 |
| | GCV of Imported Secondary Fuel of supplied as received at Station | (kcal/L) | |
| 10000 | Weighted average GCV of Secondary Fuel/ as Received | (kcal/L) | 9296 |

Sonali Rani

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Sanjay Sinha Date: 2024,08,23 18:04:32 +05:30'

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AM CHATURVED AND TRANSPANT OHATURVED AND TRANSPANT ASHANT Reason AGM (ommercial) Location: NTPC Ltd

Name of the Petitioner: Name of the Generating Station

NTPC Limited Northkarnpura Super Thermal Power Project

| S. No. | Month | Unit | Sep-23 |
|--------|---|----------|--------------|
| J- 140 | WIGHT | Offic | LDO |
| | | | M1149200900 |
| 4) | OPENING QUANTITY | | |
| 1 | Opening Stock of Oil | (KL) | 5278.90 |
| 7 | Value of Opening Stock | (Rs.) | 441963750.83 |
| 3) | QUANTITY | | |
| | Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company | (KL) | 0.0 |
| - | Adjustment (-) in quantity supplied by Secondary Fuel/ Company | (KL) | 0.0 |
| | Secondary Fuel Supplied by Secondary Fuel / Company (3-4) | (KL) | 0.0 |
| | Normative transit & Handling losses (for Secondary Fuel / based projects) | (KL) | 0.0 |
| | Net Secondary Fuel / supplied (5-6) | (RL) | 0.0 |
| | PRICE | 5- | |
| | Amount Charged by the Secondary Fuel/ Company | (Rs.) | 0.0 |
| - | Adjustment (+/-) in amount charged by Secondary Fuel/ Company | (Rs.) | 0.0 |
| | Handling, Sampling & Such other similar charges | (Rs.) | 0.0 |
| | Total Amount Charged (8+9+10) | (Rs.) | 0.0 |
| 0) | TRANSPORATION | | |
| | Transportation charges by Rail/Ship/Road Transport | (Rs.) | 0.0 |
| | Adjustment (+/-) in amount charged by Rail/Ship/Road Company | (Rs.) | 0.0 |
| 200 | Demurrage charges , if any | (Rs.) | 0.0 |
| | Cost of diesel in transporting Secondary Fuel through MGR system if applicable | (Rs.) | 0.0 |
| | Total Transportation Charges (12-13+14+15) | (Rs.) | 0.0 |
| 17 | Total amount charged for Secondary Fuel/ supplied including transportation (11+16) | (Rs.) | 0.0 |
| 7.5 | Landed cost of Secondary Fuel (2+17) / (1+7) | Rs./KL | 83721.7 |
| | Blending Ratio | | 1.0 |
| | Weighted Average Cost of Secondary Fuel/ For the month | Rs./KL | 83721.7 |
| 9 | QUALITY | | |
| | GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of | | NA. |
| 21 | Secondary Fuel Company, | (kcal/t) | |
| . 27 | GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company, | (kcal/L) | NA |
| 23 | GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company, | (kcal/L) | |
| 24 | GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company | (kcal/L) | |
| 25 | Weighted average GCV of Secondary Fuel/ as Billed | (kcal/L) | NA. |
| | GCV of Domestic Secondary Fuel of the opening stock as received at Station | (kcal/L) | 0 |
| | GCV of Domestic Secondary Fuel supplied as received at Station | (kcal/L) | 0 |
| | GCV of Imported Secondary Fuel of opening stock as received at Station | (kcal/L) | |
| | GCV of Imported Secondary Fuel of supplied as received at Station | (kcal/L) | |
| 1000 | Weighted average GCV of Secondary Fuel/ as Received | (kcal/L) | 9268 |

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Name of the Petitioner: Name of the Generating Station

NTPC Limited Northkarnpura Super Thermal Power Project

| S. No. | Month | Unit | Oct-23 |
|---|--|----------|--|
| ar mar | TANDRICH | Will. | LDO |
| | | | M1149200900 |
| 4) | OPENING QUANTITY | | |
| 1 | Opening Stock of Oil | (KL) | 5030.34 |
| 2 | Value of Opening Stock | (Rs.) | 420424444.19 |
| в) | QUANTITY | | |
| 3 | Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company | (KL) | 488.3 |
| | Adjustment (-) in quantity supplied by Secondary Fuel/ Company | (KL) | 0.0 |
| | Secondary Fuel Supplied by Secondary Fuel / Company (3-4) | (KL) | 488.3 |
| | Normative transit & Handling losses (for Secondary Fuel / based projects) | (KL) | 0.0 |
| | Net Secondary Fuel / supplied (5-6) | (KL) | 488.3 |
| C) | PRICE | | |
| | Amount Charged by the Secondary Fuel/ Company | (Rs.) | 46208664.60 |
| | Adjustment (+/-) in amount charged by Secondary Fuel/ Company | (Rs.) | 0.0 |
| | Handling, Sampling & Such other similar charges | (Rs.) | 0.0 |
| | Total Amount Charged (8+9+10) | (Rs.) | 46208664.6 |
| D) | TRANSPORATION | | |
| | Transportation charges by Rail/Ship/Road Transport | (Rs.) | 0.0 |
| | Adjustment (+/-) in amount charged by Rail/Ship/Road Company | (Rs.) | 0.00 |
| T 42 | Demurrage charges , if any | (Rs.) | 0.0 |
| | Cost of diesel in transporting Secondary Fuel through MGR system if applicable | (Rs.) | 0.0 |
| | Total Transportation Charges (12-13+14+15) | (Rs.) | 0.0 |
| 17 | Total amount charged for Secondary Fuel/ supplied including transportation (11+16) | (Rs.) | 46208664.66 |
| | Landed cost of Secondary Fuel (2+17) / (1+7) | Rs./KL | 84554.7 |
| | Blending Ratio | read the | 1.0 |
| | Weighted Average Cost of Secondary Fuel/ For the month | Rs./KL | 84554.70 |
| E) | QUALITY | | |
| 21 | GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of Secondary Fuel Company, | (kcal/t) | .NA |
| 22 | GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company, | (kcal/L) | NA. |
| The second second | GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company, | (kcal/L) | |
| 24 | GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company | (kcal/L) | THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN |
| 25 | Weighted average GCV of Secondary Fuel/ as Billed | (kcal/L) | NA. |
| 26 | GCV of Domestic Secondary Fuel of the opening stock as received at Station | (kcal/L) | 0 |
| 27 | GCV of Domestic Secondary Fuel supplied as received at Station | (kcal/L) | 0 |
| 28 | GCV of Imported Secondary Fuel of opening stock as received at Station | (kcal/t) | 100 |
| 29 | GCV of Imported Secondary Fuel of supplied as received at Station | (kcal/L) | |
| 30 | Weighted average GCV of Secondary Fuel/ as Received | (kcal/L) | 9326 |

Sonali Rani

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Name of the Petitioner: Name of the Generating Station

NTPC Limited Northkarnpura Super Thermal Power Project

| S. No. | Month | Unit | Nov-23 |
|---------|---|----------|--------------|
| 5. IVO. | IVIONEI | Unit | LDO |
| | | | M1149200900 |
| 4) | OPENING QUANTITY | | |
| 1 | Opening Stock of Oil | (KL) | 4858.32 |
| 2 | Value of Opening Stock | (Rs.) | 410938017.65 |
| B) | QUANTITY | ī | |
| | | | |
| 3 | Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company | (KL) | 3373.59 |
| 4 | Adjustment (-) in quantity supplied by Secondary Fuel/ Company | (KL) | 0.00 |
| 5 | Secondary Fuel Supplied by Secondary Fuel / Company (3-4) | (KL) | 3373.59 |
| - 6 | Normative transit & Handling losses (for Secondary Fuel / based projects) | (KL) | 0.00 |
| 7 | Net Secondary Fuel / supplied (5-6) | (KL) | 3373.59 |
| C) | PRICE | | |
| Я | Amount Charged by the Secondary Fuel/ Company | (Rs.) | 278095431.56 |
| 9 | Adjustment (+/-) in amount charged by Secondary Fuel/ Company | (Rs.) | 0.00 |
| 10 | Handling, Sampling & Such other similar charges | (Rs.) | 0.00 |
| | Total Amount Charged (8+9+10) | (Rs.) | 278095431.56 |
| | | | |
| 0) | TRANSPORATION | | |
| | Transportation charges by Rail/Ship/Road Transport | (Rs.) | 0.00 |
| | Adjustment (+/-) in amount charged by Rail/Ship/Road Company | (Rs.) | 0.00 |
| | Demurrage charges , if any | (Rs.) | 0.00 |
| | Cost of diesel in transporting Secondary Fuel through MGR system if applicable | (Rs.) | 0.00 |
| 16 | Total Transportation Charges (12-13+14+15) | (Rs.) | 0.00 |
| 17 | Total amount charged for Secondary Fuel/ supplied including transportation (11+16) | (Rs.) | 278095431.56 |
| | Landed cost of Secondary Fuel (2+17) / (1+7) | Rs./KL | 83702.76 |
| | Blending Ratio | | 1.00 |
| | Weighted Average Cost of Secondary Fuel/ For the month | Rs./KL | 83702.76 |
| | QUALITY | 0 = 37" | |
| =) | GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of | | |
| 21 | Secondary Fuel Company, | (kcal/L) | NA |
| 22 | GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company, | (kcal/L) | NA |
| 23 | GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company, | (kcal/L) | |
| 24 | GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company | (kcal/L) | |
| 25 | Weighted average GCV of Secondary Fuel/ as Billed | (kcal/L) | NA. |
| | GCV of Domestic Secondary Fuel of the opening stock as received at Station | (kcal/L) | 0 |
| | GCV of Domestic Secondary Fuel supplied as received at Station | (kcal/L) | 0 |
| | GCV of Imported Secondary Fuel of opening stock as received at Station | (kcal/L) | 100 |
| | GCV of Imported Secondary Fuel of supplied as received at Station | (kcal/L) | |
| 10000 | Weighted average GCV of Secondary Fuel/ as Received | (kcal/L) | 9421 |

Sonali Rani

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Name of the Petitioner: Name of the Generating Station

NTPC Limited Northkarnpura Super Thermal Power Project

| S. No. | Month | Unit | Dec-23 |
|---------|--|----------|--|
| 3. 140. | Widness | Offic | LDO |
| | | | M1149200900 |
| 4)(4 | OPENING QUANTITY | | |
| 1 | Opening Stock of Oil | (KL) | 5561.42 |
| 2 | Value of Opening Stock | (Rs.) | 470042306.50 |
| B) | QUANTITY | Ţ | |
| | | | |
| 3 | Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company | (KL) | 1843.31 |
| | Adjustment (-) in quantity supplied by Secondary Fuel/ Company | (KL) | 0.00 |
| | Secondary Fuel Supplied by Secondary Fuel / Company (3-4) | (KL) | 1843.31 |
| | Normative transit & Handling losses (for Secondary Fuel / based projects) | (KL) | 0.00 |
| | Net Secondary Fuel / supplied (5-6) | (RCL) | 1843.31 |
| C) | PRICE | A-71 4 | |
| | | (Dr.) | 140014400 47 |
| | Amount Charged by the Secondary Fuel/ Company Adjustment (+/-) in amount charged by Secondary Fuel/ Company | (Rs.) | 149634488.47 |
| | | (Rs.) | 0.00 |
| | Handling, Sampling & Such other similar charges | (Rs.) | The second secon |
| - 11 | Total Amount Charged (8+9+10) | (Rs.) | 149634488.47 |
| D) | TRANSPORATION | | |
| 12 | Transportation charges by Rail/Ship/Road Transport | (Rs.) | 0.00 |
| 13 | Adjustment (+/-) in amount charged by Rail/Ship/Road Company | (Rs.) | 0.00 |
| 14 | Demurrage charges , if any | (Rs.) | 0.00 |
| 15 | Cost of diesel in transporting Secondary Fuel through MGR system if applicable | (Rs.) | 0.00 |
| 16 | Total Transportation Charges (12-13+14+15) | (Rs.) | 0.00 |
| 17 | Total amount charged for Secondary Fuel/ supplied including transportation (11+16) | (Rs.) | 149634488.47 |
| | Landed cost of Secondary Fuel (2+17) / (1+7) | Rs./KL | 83686.65 |
| | Blending Ratio | Dagne | 1.00 |
| | Weighted Average Cost of Secondary Fuel/ For the month | Rs./KL | 83686.65 |
| 5 19 | | 1) | |
| E) | QUALITY | | |
| 21 | GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of Secondary Fuel Company, | (kcal/L) | NA |
| 22 | GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company, | (kcal/L) | NA. |
| 23 | GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company, | (kcal/L) | |
| 24 | GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company | (kcal/L) | |
| 25 | Weighted average GCV of Secondary Fuel/ as Billed | (kcal/L) | NA. |
| 26 | GCV of Domestic Secondary Fuel of the opening stock as received at Station | (kcal/L) | 0 |
| | GCV of Domestic Secondary Fuel supplied as received at Station | (kcal/L) | 0 |
| | GCV of Imported Secondary Fuel of opening stock as received at Station | (kcal/L) | 340 |
| | GCV of Imported Secondary Fuel of supplied as received at Station | (kcal/L) | |
| 10000 | Weighted average GCV of Secondary Fuel/ as Received | (kcal/L) | 9430 |

Sonali Rani

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Name of the Petitioner: Name of the Generating Station

NTPC Limited Northkarnpura Super Thermal Power Project

| S. No. | Month | Unit | Jan-24 |
|--------|---|----------|--------------|
| 3. NO. | IVIOREI | Unit | LDO |
| | | | M1149200900 |
| A) | OPENING QUANTITY | | |
| 1 | Opening Stock of Oil | (KL) | 3619.06 |
| 2 | Value of Opening Stock | (Rs.) | 310018857.22 |
| B) | QUANTITY | ī. | |
| | QUARTITI | | |
| 3 | Quantity of Secondary Fuel/ supplied by Secondary Fuel/ Company | (KL) | 2803.19 |
| 4 | Adjustment (-) in quantity supplied by Secondary Fuel/ Company | (KL) | 0.00 |
| 5 | Secondary Fuel Supplied by Secondary Fuel / Company (3-4) | (KL) | 2803.19 |
| - 6 | Normative transit & Handling losses (for Secondary Fuel / based projects) | (KL) | 0.00 |
| 7 | Net Secondary Fuel / supplied (5-6) | (KL) | 2803.19 |
| C) | PRICE | | |
| ß | Amount Charged by the Secondary Fuel/ Company | (Rs.) | 223223379.82 |
| -0 | Adjustment (+/-) in amount charged by Secondary Fuel/ Company | (Rs.) | 0.00 |
| 10 | Handling, Sampling & Such other similar charges | (Rs.) | 0.00 |
| | Total Amount Charged (8+9+10) | (Rs.) | 223223379.82 |
| | | | |
| D) | TRANSPORATION | | |
| | Transportation charges by Rail/Ship/Road Transport | (Rs.) | 0.00 |
| | Adjustment (+/-) in amount charged by Rail/Ship/Road Company | (Rs.) | 0.00 |
| | Demurrage charges , if any | (Rs.) | 0.00 |
| | Cost of diesel in transporting Secondary Fuel through MGR system if applicable | (Rs.) | 0.00 |
| 1/6 | Total Transportation Charges (12-13+14+15) | (Rs.) | .0.00 |
| 17 | Total amount charged for Secondary Fuel/ supplied including transportation (11+16) | (Rs.) | 223223379.82 |
| | Landed cost of Secondary Fuel (2+17) / (1+7) | Rs./KL | 83030.43 |
| | Blending Ratio | | 1.00 |
| | Weighted Average Cost of Secondary Fuel/ For the month | Rs./KL | 83030.43 |
| | QUALITY | 0 = 7" | |
| EJ | GCV of Domestic Secondary Fuel of the opening Secondary Fuel stock as per bill of | | |
| 21 | Secondary Fuel Company, | (kcal/t) | NA |
| 22 | GCV of Domestic Secondary Fuel supplied as per bill of Secondary Fuel Company, | (kcal/L) | NA |
| 23 | GCV of Imported Secondary Fuel of the opening stock as per bill Secondary Fuel Company, | (kcal/L) | |
| 24 | GCV of Imported Secondary Fuel supplied as per bill Secondary Fuel Company | (kcal/L) | |
| 25 | Weighted average GCV of Secondary Fuel/ as Billed | (kcal/L) | NA. |
| | GCV of Domestic Secondary Fuel of the opening stock as received at Station | (kcal/t) | 0 |
| | GCV of Domestic Secondary Fuel supplied as received at Station | (kcal/L) | 0 |
| | GCV of Imported Secondary Fuel of opening stock as received at Station | (kcal/t) | 100 |
| | GCV of Imported Secondary Fuel of supplied as received at Station | (kcal/L) | |
| 1000 | Weighted average GCV of Secondary Fuel/ as Received | (kcal/L) | 9408 |

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| Company | NTPC Limited | |
|--------------------------------|---|--|
| Name of the generating Station | North Karanpura Thermal Power(STAGE 01) | |
| Month | February-2024 | |

| SL | Particulars | Unit | LDO | HFO | HSD |
|----|---|---|--------------|----------|--------|
| A) | OPENING QUANTITY | 100000000000000000000000000000000000000 | - Jidesic | | 2000 |
| 1 | Opening Stock Of Oil | KL. | 4168.966 | 0.000 | 0.000 |
| 2 | Value Of Stock | Rs. | 348191787.50 | 0.00 | 0.00 |
| B) | QUANTITY | | | | |
| 3 | Quantity Of Oil Supplied By Oil Company | KL | 2049.733 | 0.000 | 0.000 |
| 4 | Adjustment (+/-) In Quantity Supplied Made By Oil Company | K1. | 0.000 | 0.000 | 0.000 |
| 5 | Oil Supplied By Oil Company (3+4) | KL. | 2049,733 | 0.000 | 0.000 |
| 6 | Normative Transit & Handling Losses | KL | 0.000 | 0.000 | 0.000 |
| 7 | Net Oil Supplied (5 - 6) | KL | 2049.733 | 0.000 | 0.000 |
| C) | PRICE | | | | |
| 8 | Amount Charged By The Oil Company | Rs. | 164533249.02 | 0.00 | 0.00 |
| 9 | Adjustment (+/-) In Amount Charged By Oil Company | Rs. | 0.00 | 0.00 | 0.00 |
| 10 | Handling,Sampling And Such Other Similar Charges | Rs. | 0.00 | 0.00 | 0.00 |
| 11 | Total Amount Charged (8 +9+10) | Rs. | 164533249.02 | 0.00 | 0.00 |
| D) | TRANSPORTATION | | | | |
| 12 | Transportation Charges By Rail / Ship / Road Transport | Rs. | 0.00 | 0.00 | 0.00 |
| 13 | Adjustment (+/-) In Amount Charged By Railways/Transport | Rs. | 0.00 | 0.00 | 0.00 |
| 14 | Demurrage Charges, If Any | Rs. | 0.00 | 0.00 | 0.00 |
| 15 | Cost Of Diesel InTransporting Coal Through MGR System | Rs. | 0.00 | 0.00 | 0.00 |
| 16 | Total Transportation Charges (12+/- 13 - 14 + 15) | Rs. | 0.00 | 0.00 | 0.00 |
| 17 | Total Amount Charged For Oil Supplied Incl Transportation (11+16) | Rs. | 164533249.02 | 0.00 | 0.00 |
| E) | TOTAL COST | T. AVI. | | 2000 | ==3.00 |
| 18 | Landed Cost Of Oil (LDO/HFO) (2+17) / (1+7) | Rs. | 82448.92 | 0.00 | 0.00 |
| 19 | Blending Ratio | | 1,000 | 0.000 | 0.000 |
| 20 | Weighted Average Cost Of Oil | Rs. | | 82448.92 | |
| F) | QUALITY | | | | |
| 21 | GCV Of Oil Of The Opening Stock As Per Bill Of Oil Company | Keal/Ltr | 9 | c) | - 0 |
| 22 | GCV Of Oil Supplied As Per Bill Of Oil Company | Kcal/Ltr | 34 | d | |
| 23 | GCV Of Imported Oil Of The Op Stock As Per Bill Of Oil Company | Kcal/Ltr | 4 | 9 | |
| 24 | GCV Of Imported Oil Supplied As Per Bill Of Oil Company | Kcal/Ltr | - 0 | d | 0 |
| 25 | Weighted Average GCV Of Oil As Billed | Keal/Ltr | | 4 | 4 |
| 26 | GCV Of Oil Of The Opening Stock As Received At Station | Kcal/Ltr | 10 | G. | |
| 27 | GCV Of Oil Supplied | Keal/Ltr | 9264 | 0 | (|
| 28 | GCV Of Imported Oil Of The Opening Stock As Received At Station | Keal/Ltr | 9 | 0 | 10 |
| 29 | GCV Of Imported Oil Supplied As Received At Station | Kcal/Ltr | 9 | - 6 | 4 |
| 30 | Weighted Average GCV Of Oil | Keal/Ltr | | 9264 | |

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For M.C. Bhandari & Co. Chartered Accountants

| Company | NTPC Limited |
|--------------------------------|---|
| Name of the generating Station | North Karanpura Thermal Power(STAGE 01) |
| Month | March-2024 |

| SL | Particulars | Unit | LDO | HFO | HSD |
|----|---|-----------|--------------|----------|--------|
| A) | OPENING QUANTITY | | | | |
| j | Opening Stock Of Oil | KL | 4547.869 | 0.000 | 0.000 |
| 2 | Value Of Stock | Rs. | 375150123.61 | 0.00 | 0.00 |
| B) | QUANTITY | | | | |
| 3. | Quantity Of Oil Supplied By Oil Company | KL. | 862,527 | 0.000 | 0.000 |
| 4 | Adjustment (+/-) In Quantity Supplied Made By Oil Company | KL. | 0.000 | 0.000 | 0.000 |
| 5 | Oil Supplied By Oil Company (3+4) | KL | 862.527 | 0.000 | 0:000 |
| 6 | Normative Transit & Handling Losses | KL. | 0.000 | 0.000 | 0.000 |
| 7 | Net Oil Supplied (5 - 6) | KL. | 862.527 | 0.000 | 0.000 |
| C) | PRICE | | | | |
| 8 | Amount Charged By The Oil Company | Rs. | 70952070.50 | 0.00 | 0.00 |
| 9 | Adjustment (+/+) In Amount Charged By Oil Company | Rs. | 0.00 | 0.00 | 0.00 |
| 10 | Handling,Sampling And Such Other Similar Charges | Rs. | 0.00 | 13.00 | 0.00 |
| 11 | Total Amount Charged (8 +9+10) | Rs. | 70952070.50 | 0.00 | 0.00 |
| D) | TRANSPORTATION | | | | |
| 12 | Transportation Charges By Rail / Ship / Road Transport | Rs. | 0.00 | 0.00 | 0.00 |
| 13 | Adjustment (+/-) In Amount Charged By Railways/Transport | Rs. | 0.00 | 0.00 | 0.00 |
| 14 | Demurrage Charges, If Any | Rs. | 0.00 | 0.00 | 0.00 |
| 15 | Cost Of Diesel InTrunsporting Oil Through MGR System | Rs. | 0.00 | 0.00 | 0.00 |
| 16 | Total Transportation Charges (12±/- 13 - 14 ± 15) | Rs. | 0.00 | 0.00 | . 0.00 |
| 17 | Total Amount Charged For Oil Supplied Incl Transportation (11+16) | Rs. | 70952070.50 | 0.00 | -0.00 |
| E) | TOTAL COST | | | | |
| 18 | Landed Cost Of Oil (LDO/HFO) (2+17) / (1+7) | Rs. | 82452.78 | 0.00 | 0.00 |
| 19 | Blending Ratio | | 1.000 | 0.000 | 0.000 |
| 20 | Weighted Average Cost Of Oil | Rs. | | 82452.78 | |
| F) | QUALITY | | | | |
| 21 | GCV Of Oil Of The Opening Stock As Per Bill Of Oil Company | Kcal/Ltr | - 4 | 4 | - 0 |
| 22 | GCV Of Oil Supplied As Per Bill Of Oil Company | Kenl/Ltr. | 4 | - 4 | į. |
| 23 | GCV Of Imported Oil Of The Op Stock As Per Bill Of Oil Company | Kcal/Ltr | - 4 | - 4 | 74 |
| 24 | GCV Of Imported Oil Supplied As Per Bill Of Oil Company | Keal/Ltr | - α | · a | 0 |
| 25 | Weighted Average GCV Of Oil As Billed | Keal/Ltr | ä | - 0 | - 1 |
| 26 | GCV Of Oil Of The Opening Stock As Received At Station | Keal/Ltr | 9 | q | - 0 |
| 27 | GCV Of Oil Supplied | Kenl/Ltr | 9193 | 0 | < 0 |
| 28 | GCV Of Imported Oil Of The Opening Stock As Received At Station | Kcal/Ltr | | - 0 | -0 |
| 29 | GCV Of Imported Oil Supplied As Received At Station | Keal/Ltr | 4 | 4 | -0 |
| _ | Weighted Average GCV Of Oil | Keal/Ltr | | 9193 | |

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