

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-13 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of **MTPS Stage-I (2x110 MW) for the period from 01.04.2019 to 07.09.2021**

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प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन.टी.पी.सी. लिमिटेड/NTPC LIMITED
EOC, A-BA, Sector 23, Gurgaon, Haryana

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Chaturvedi

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
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Summary of Issues: MTPS-I (2x110 MW)

(In compliance with CERC notice dated 07.06.2024)

The major highlights of the MTPS-I (220 MW) Truing up petition are as follows: -

- 1) The present petition is being filed Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-13 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of **tariff of MTPS Stage-I (2x110 MW) for the period from 01.04.2019 to 07.09.2021** after the truing up exercise based on actual expenditures as on 07.09.2021.
- 2) Kanti Bijlee Utpadan Nigam Limited (hereinafter called KBUNL), fully owned subsidiary company of NTPC Ltd. has amalgamated with NTPC Ltd. on 26.08.2022 (document enclosed at **Annexure- A**) of the instant petition. NTPC Limited has now taken over the business of KBUNL.
- 3) MTPS-I is located at Muzaffarpur District of Bihar and comprises of two units of 110 MW each. The Muzaffarpur Thermal Power Station was established by erstwhile BSEB during 1985-86 and was transferred to KBUNL (Joint venture Company of NTPC Ltd. and erstwhile Bihar State Electricity Board) by Govt. of Bihar vide Transfer notification dtd. 08.09.2006 for revival, operation and maintenance of units after carrying out Renovation and Modernization work and also for further expansion of the Project. The Generating station comprising of two units of 110 MW capacity were commissioned during the year 1985-86 and prior to takeover, both units of MTPS-I were under shutdown since Oct-2003 without preservation. On the proposal of Govt. of Bihar for Renovation & Modernization & Life Extension of MTPS Stage-I, a Memorandum of Understanding (MOU) was signed amongst MOP (Govt. of India), Govt. of Bihar, NTPC, BHEL & BSEB on 29.05.2006. BHEL as the implementing agency for R&M was recommended by MoP Planning Commission. Detailed Project Report (DPR) in respect of R&M was vetted by CEA and further approved by erstwhile Planning Commission, Gol on 16.11.2009. Total estimated approved

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cost of R&M including short term restoration of U#2 of MTPS-I was Rs. 471.8 Cr, this estimated cost did not include pre-commissioning expenses, IDC, IEDC etc. expenses.

- 4) The project was in depleted condition at the time of transfer and the generating station was in a position to generate power only at 10% to 15% of its capacity. As there was acute shortage of power being faced by the respondents, BSEB, only selective refurbishment works for restoration of generation from Unit-II was taken up and the commercial operation of the Unit-II was declared on 15.10.2010, without doing any major R&M work. Subsequently, as per the request of sole respondent, Unit-II was taken under R&M w.e.f 29.3.2012. The R&M of Unit-II was completed and recommissioned on 15.11.2014. Unit-I was taken under Renovation & Modernization (R&M) during 2010 and was declared under commercial operation on 01.11.2013. The power generated from MTPS-I was being supplied as per MoP allocation and respective PPAs to the sole beneficiary i.e. Bihar, including Bihar State Power Holding Company Ltd (BSPHCL); North Bihar Power Distribution Company Ltd (NBPDC), South Bihar Power Distribution Company Ltd. (SBPDCL).
- 5) MTPS-I station (2x110 MW) was closed w.e.f. 08.09.2021 in view of the exit by BSPHCL / Bihar Discoms (i.e. sole beneficiary) from the PPA beyond 07.09.2021 with approval from Hon'ble BEREC, revised environmental norms etc. Further, CEA vide letter dated 31.1.2022 also acknowledged the retirement of MTPS -I units (2X110 MW) w.e.f 08.09.2021 (document enclosed as **Annexure H**).
- 6) The tariff determination for MTPS-I for the period from 01.04.2014 to 31.3.2019 after truing-up is under consideration of Hon'ble Commission in Petition No. 264/GT/2021 and the order is awaited. The Petitioner filed the Petition No. 263/GT/2021 for determination of tariff for MTPS stage-I (2x110 MW) based on the admitted capital cost as on 31.03.2019 with adjustment after truing up exercise for 2014-19 period in truing petition (264/GT/2021) and projected estimated additional capital expenditure for the period from 01.04.2019 to 31.03.2024. Hon'ble Commission vide order dated 06.01.2023 for hearing

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dated 06.12.2022 in 263/GT/2021 disposed the said petition and granted liberty to the Petitioner to file fresh petition for the period 2019-24 in view of MTPS-I closure.

- 7) Now, the tariff of MTPS-I for the tariff period 2019-24 based on actual expenditures as on 07.09.2021 is annexed with the petition as per provisions of Regulation 13 of CERC Tariff Regulations 2019.
- 8) The actual Additional Capital Expenditure on cash basis for the FY 2019-20, 2020-21, and 2021-22 are Rs 30.56 Cr., Rs 2.32 Cr., Rs and 0.98 Cr. respectively amounting to total of Rs 33.86 crores during the 2019-22 period. The same has been depicted year wise in Form 9A of the Appendix-I along with applicable regulations and justification for the claims. It is humbly requested to approve the actual Additional Capital expenditure during the period of 2019-22.
- 9) Hon'ble Commission may please allow the claims of water charges, capital spares and security expenses for the instant station as per actual, as claimed by the Petitioner in Form 3A of Appendix-I.
 - The detailed calculation for the water charges claimed is submitted in Form 3A and Form 19. Hon'ble Commission may please allow the claim of water charges paid on actual basis.
 - It is further mentioned that the MTPS-I is a central government owned thermal power station which is of national importance. Safety and security of these nationally important infrastructure projects against any threat perception is a prime concern. The main security of these central government owned thermal power station is provided by the Central Industrial Security Force (CISF). CISF is a statutory body set up under an Act of the Parliament of India and a central armed police force in India under the Ministry of Home Affairs (MHA) whose primary mission is to provide security to large institutions like MTPS-I. Deployment of the CISF is done as per the security threat perception, survey and as per the guidelines of MHA. In addition to the CISF, certain security is provided by other local and national agencies for critically less sensitive locations

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as per the plant specific needs. In view of this Hon'ble Commission may please allow the claims of security expenses as per actuals as submitted in Form 3A.

- Hon'ble Commission may please allow the claims of Capital spares for the instant station, as claimed by the Petitioner in Form 3A of Appendix-I. It is submitted that the year wise capital spares details in Form-17 for the 2019-22 period, on store issuance basis for MTPS-I (220 MW) have been provided.

10) It is submitted that after the exit from the PPA by sole the beneficiary i.e. Bihar Discoms and closure of the Station w.e.f 08.09.2021, the petitioner is entitled to recover unrecovered depreciation, undischarged liabilities, outstanding cost of the capital spares, CWIP, any other associated expenses etc. on account of closure of the station. Hon'ble Commission may please allow the claims as detailed in instant petition.

11) Petitioner has also prayed for considering APC and Specific Oil for FY 2019-22 for instant station on actual performance as detailed in the petition. Further, as no norms for O&M expenses have been set for 110 MW units for MTPS-I in Tariff Regulations, 2019, the tariff norms set for Tanda TPS for 2019-24 period for O&M expenses have been adopted inline with Hon'ble Commission order dtd. 22.01.2020 for MTPS-I for the period 2014-19.

12) In the light of above submission and as per the Petition being filed by the Petitioner for approval of tariff of MTPS-I (220 MW), The Hon'ble Commission may please approve tariff for the tariff period 2019-24 as per provision of Regulation 13 of Tariff Regulations 2019.



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**AND
IN THE MATTER OF**

As directed by Hon'ble Commission vide order dated 06.01.2023 in petition 263/GT/2021 for 2019-24 period, approval of tariff of MTPS-I from 01.04.2019 to 07.09.2021 based on actual expenditure in view of closure of station w.e.f 08.09.2021

Petitioner: : NTPC Ltd., NTPC Bhawan, Core-7, Scope Complex 7, Institutional Area, Lodhi Road, New Delhi – 110003

Respondents

1. Bihar State Power Holding Company Ltd (BSPHCL), Vidyut Bhawan, Bailey Road Patna - 800021.
2. North Bihar Power Distribution Company Ltd.(NBPDC), Vidyut Bhawan, Bailey Road Patna-800021.
3. South Bihar Power Distribution Company Ltd.(SBPDCL), Vidyut Bhawan, Bailey Road Patna - 800021.



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The Petitioner humbly states that:

- 1) The Petitioner, herein NTPC Ltd. ("Petitioner"/ "NTPC") is a Government Company within the meaning of the Companies Act, 2013. Further, it is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.
- 2) Kanti Bijlee Utpadan Nigam Limited (hereinafter called KBUNL) (Formerly Vaishali Power Generating Company Limited), fully owned subsidiary company of NTPC Ltd. has amalgamated with NTPC Limited on 26.08.2022. The erstwhile Kanti Bijlee Utpadan Nigam Limited (hereinafter called KBUNL) had two power stations in the Muzaffarpur District of Bihar, Muzaffarpur Thermal Power Station Stage-I (2x110 MW) (hereinafter referred to as **MTPS Stage-I**) and Muzaffarpur Thermal Power Station Stage-II (2x195 MW). NTPC Limited has now taken over the business of KBUNL. A copy of the letter dated 26.08.2022 is attached hereto and marked as **Annexure A**.
- 3) The Petitioner is having power stations/ projects at different regions and places in the country. Muzaffarpur Thermal Power Station Stage-I (2x110 MW) (hereinafter referred to as **MTPS Stage-I**) is one of these stations. The power generated from MTPS Stage-I was supplied to the respondents mentioned above during FY 2019-20, FY 2020-21 and FY 2021-22 (upto its closure)
- 4) The instant station (2x110 MW) was closed w.e.f. 08.09.2021 in view of the exit by BSPHCL / Bihar Discoms (i.e. sole beneficiary) from the PPA beyond 07.09.2021 with approval from Hon'ble BERC, revised environmental norms etc.
- 5) Section 62 of Electricity Act, 2003 provides for determination of tariff by the Appropriate Commission for supply of electricity by a generating company. The Hon'ble Commission, under Section 79(1)(a) of Electricity Act, 2003, is vested with the jurisdiction to regulate the tariff of the Generating Companies owned or controlled by the Central Government.

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6) The Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 (hereinafter 'Tariff Regulations 2019') which came into force from 01.04.2019, specifying the terms & conditions and methodology of tariff determination under Section 62 & 79 of the Electricity Act, 2003.

7) Regulation 9(2) & 9(3) of CERC (Terms & Conditions) of Tariff Regulations 2019 provides as follows:

"(2) In case of an existing generating station or unit thereof, or transmission system or element thereof, the application shall be made by the generating company or the transmission licensee, as the case may be, by 31.10.2019, based on admitted capital cost including additional capital expenditure already admitted and incurred up to 31.3.2019 (either based on actual or projected additional capital expenditure) and estimated additional capital expenditure for the respective years of the tariff period 2019-24 along with the true up petition for the period 2014-19 in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2014."

8) In accordance with the above, the Petitioner filed Petition No. 263/GT/2021 for determination of tariff for MTPS stage-I (2x110 MW) based on the admitted capital cost as on 31.03.2019 with adjustment after truing up exercise for 2014-19 period in Truing petition (264/GT/2021) and projected estimated additional capital expenditure for the period from 01.04.2019 to 31.03.2024. It is submitted that Hon'ble Commission vide order dated 06.01.2023 for hearing dated 06.12.2022 in 263/GT/2021 disposed the said petition and granted liberty to the Petitioner to file fresh petition for the period 2019-24 in view of MTPS-I closure. The relevant extracts of the order dated 06.01.2023 are as below:

" 5. The Commission, after hearing the parties, permitted the Petitioner to withdraw the present petition and granted liberty to file a fresh petition, as prayed for. Accordingly, Petition No. 263/GT/2021 is disposed of as withdrawn. The filing fees deposited by the Petitioner for the present petition, shall be adjusted against the fresh petition to be filed in terms of the liberty granted as above"

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- 9) Further, Chapter-3, Regulation 13 of the Tariff Regulations 2019 provides as under:

"(13) Truing up of tariff for the period 2019-24:

(1) The Commission shall carry out truing up exercise for the period 2019-24 along with the tariff petition filed for the next tariff period, for the following:

a) the capital expenditure including additional capital expenditure incurred up to 31.3.2024, as admitted by the Commission after prudence check at the time of truing up:

b) the capital expenditure including additional capital expenditure incurred up to 31.3.2024, on account of Force Majeure and Change in Law.

(2) The generating company or the transmission licensee, as the case may be, shall make an application, as per Annexure-I to these regulations, for carrying out truing up exercise in respect of the generating station or a unit thereof or the transmission system or an element thereof by 30.11.2024.

....."

- 10) It is submitted that the tariff for MTPS-I for the period from 01.04.2014 to 31.3.2019 after truing-up is to be determined by the Hon'ble Commission and the order for same is pending in Petition No. 264/GT/2021. In line with the provisions quoted above and directions of the Hon'ble Commission vide order dated 06.01.2023 at Para 8, The Petitioner is filing present petition for determination of tariff for MTPS Stage-I for the period from 01.04.2019 to 07.09.2021 based on actual capital expenditure incurred during the period as per the Tariff Regulations 2019.
- 11) It is submitted that the tariff of the MTPS Stage-I for the tariff period 1.4.2014 to 31.3.2019 was determined by the Hon'ble Commission vide its order dated 22.01.2020 in Petition No. for 240/GT/2017 in accordance with the CERC (Terms & Conditions of Tariff) Regulations 2014. The Petitioner thereafter filed Review petition No. 10/RP/2020 and an Appeal in Appellate Tribunal of Electricity on certain aspects of the order dated 22.01.2020. Further, the petitioner has filed separate true up petition i.e. 264/GT/2021 for the period 01.04.2014 to 31.03.2019 for revision of tariff in line with the applicable provisions of Tariff Regulations 2014 and as per directions of Hon'ble

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10 ECR, 2019, Section-24, No.13A-201301

Commission in order dtd. 22.01.2020, the order is reserved in above matter and under consideration of Hon'ble Commission. Also, Hon'ble Commission vide order dated 22.02.2022 has allowed review in 10/RP/2020 for impugned order dated 22.01.2020 for 241/GT/2017 and 240/GT/2017, same may be considered by Hon'ble Commission while determining tariff for 2014-19 period. The Petitioner humbly seeks liberty to approach this Hon'ble Commission and/or file further pleadings based on the outcome of appellate proceedings and/or any subsequent review petition/ appeals having impact on tariff of MTPS-I.

- 12) It is submitted that Hon'ble Commission vide order dated 22.01.2020 in Petition no. 240/GT/2017 had allowed a capital cost of Rs 162.44 Cr. (excluding grant) as on 31.03.2019 based on the admitted actual/projected capital expenditure for the 2014-19 period. However, the actual closing capital cost as on 31.03.2019 had been worked out in the foresaid true-up petition i.e. 264/GT/2021 as Rs 99.09 Crs (excluding grant) based on the actual expenditure after truing up exercise for the period 2014-19. Further, Hon'ble Commission vide order dated 22.02.2022 in Review petition 10/RP/2020 had allowed a capital cost of Rs 259.96 Cr. (excluding grant) as on 31.03.2019 based on the admitted actual/projected capital expenditure for the 2014-19 period. The truing -up Petition 264/GT/2021 is to be determined by the Hon'ble Commission and the order for same is pending.
- 13) Based on aforesaid review order dtd. 22.02.2022 and the actual expenditure after truing up exercise for the period 2014-19, the actual closing capital cost as on 31.03.2019 has been reworked as 227.26 Cr.. Accordingly, the Petitioner has adjusted an amount of Rs. (-) 63.35 Cr (i.e. 32.70 Cr. (259.96 Cr.-227.26 Cr) and grant i.e. 30.65 Cr.) from the admitted capital cost as on 31.03.2019 and accordingly the opening capital cost as on 01.04.2019 has been considered as Rs 196.61 Cr (excluding grant) in the instant petition. The Hon'ble Commission may be pleased to accordingly adopt this adjustment in the admitted capital cost as on 31.3.2019 and determine the tariff in the present petition for the tariff period 2019-24. The capital expenditure claimed in the instant petition is based on the opening capital cost as on 01.04.2019 considered as above. The year wise actual capital expenditure has been

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indicated based on Regulation 19 and Regulations 25, 26, 76 of the Tariff Regulations, 2019 and enclosed as part of **Appendix-I** herewith. In addition to the actual additional capital expenditure as above, discharge of liabilities during the period from 01.04.2019 to 07.09.2021 (year wise) out of the liabilities excluded from capital cost for the works already allowed/ claimed have also been indicated.

- 14) Further, in accordance with the provisions of Regulation 31 of the Tariff Regulations, 2019, for the purpose of computation of the Return on Equity, the base rate has been grossed up with the effective tax rate applicable to the erstwhile KBUNL (i.e. MAT Rate) at the end of respective financial years for the period 2019-24. The same is indicated in the Form-3 attached at Appendix-I.
- 15) Further, in accordance with the provisions of the Regulation-34 of Tariff Regulations 2019, for the purpose of computation of the Interest on Working Capital, the landed fuel cost (taking into account normative transit and handling losses) and gross calorific value of the fuel as per actual weighted average for the third quarter of FY 2018-19, FY 2019-20 & FY 2020-21 is considered. Also, the rate of interest on working capital is considered at bank rate as on 1st April of each of the financial year during the tariff period of 2019-24. The same is indicated in the Form-O attached at Appendix-I.
- 16) The Petitioner further respectfully submits that as per Regulation 35(1)(6) of the Tariff Regulations 2019, the water charges, security expenses and capital spares consumed for thermal generating stations are to be allowed separately. The details in respect of water charges such as type of cooling water system, water consumption, rate of water charges as applicable for have been furnished below. The supply of water for MTPS Stage-I is from two sources One from river Burhi Gandak and other from Tirhut canal (seasonal source). The Govt. of Bihar, Water resources Department vide memo dtd 03.10.16 has notified the water charges rate w.e.f 03.10.2016 (attached at **Annexure-B**). Accordingly, the details for water charges comprising the contracted quantity, allocation of water, the actual water consumed during

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2019-22, the basis of calculation of quantity of consumptive water and computation of water charges are being submitted in the instant petition.

| Description | Remarks |
|------------------------------|--|
| Type of Plant | Thermal Power |
| Type of cooling water system | Closed Cycle, IDCT |
| Consumption of Water | 45 Cusec from Burhi Gandak River and 50 cusec allocation from Tirhut Canal (seasonal source) |
| Rate of Water charges | Rs 18.0 /1000 gallon |

Further, it is submitted that any additional expenditure on water charges shall be claimed in additional submission/separate petition on completion of decommissioning activities.

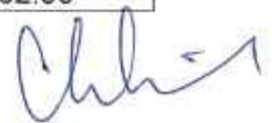
- 17) Similarly, the Petitioner is claiming the security expenses based on the actual expenses for the period 2019-22. The details of actual security expenses has been provided in Form-3A of the attached Appendix-I for the period 2019-22. It is prayed before Hon'ble Commission to consider the same and allow the expenditure on security expenses as claimed under Regulation 35(1)(6) of the 2019 Tariff Regulations. However, in view of closure of the Station w.e.f 08.09.2021, for the safety and security of the plant the petitioner would incur expenses till decommissioning of the plant, any additional expenditure on security charges shall be claimed in additional submission/separate petition on completion of decommissioning activities.
- 18) In respect of capital spares consumption, it is submitted that the Capital spares is claimed based on actual consumption of capital spares during the period 2019-22. Accordingly, the same has been claimed in Form-3A of the attached Appendix-I. The details of the year wise capital spares consumed have been provided in Form-17 of the attached Appendix-I. It is prayed before Hon'ble Commission to consider the same and allow the expenditure on capital spares consumption as claimed under Regulation 35(1)(6) of the 2019 Tariff Regulations.

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- 19) It is submitted that for the computation of interest on loan for MTPS-I in instant petition the petitioner has adopted the interest rate on loan portfolio of erstwhile KBUNL of MTPS-II for FY 2019-22 i.e. Form-13 as there was no additional loan added during the period in MTPS-I.
- 20) It is submitted that actual performance parameters for the period 2019-22 for Specific Oil and APC has been considered in the current petition as tabulated in table below. The Heat Rate considered in tariff is as per target performance envisaged in DPR after R&M of 3000 Kcal/Kwhr and also as approved by Hon'ble commission for instant station in 2014-19 period vide order dated 22.01.2020. Further, MTPS-I is taken over project from BSEB and its condition was dilapidated at time of takeover. R&M of station was restricted to 471.8 Cr., vetted by CEA and approved by Planning Commission, GOI on 16.11.2009. Thereafter, by undertaking selective refurbishments works/ R&M works as per agreed DPR, the units were declared under commercial operation and continuously supplied the power to its sole beneficiary i.e. Bihar. MTPS-I Units of 110 MW are very old with system limitations and hence results in increased duration of synchronization of Units. The station has observed multiple and prolonged reserve shutdowns during the period 2019-22 and its associated startups in lieu of RSD, this in turn has resulted in higher consumption of oil and auxiliary power consumption during startup of units and further stabilization of the units. Hon'ble Commission may consider the constraints faced by the petitioner and allow the norms of performance based on above. The Actual performance parameters for tariff period 2019-24 are tabulated below:

| ACTUAL OPERATIONAL DATA OF MTPS STAGE-I FROM 2019-20 ONWARDS | | | | |
|--|--------------|---------|----------------------|----------------------------------|
| Year | SFC (ml/kWh) | APC (%) | Heat Rate (kCal/kWh) | Availability (%) (including RSD) |
| 2019-20 | 2.91 | 13.70 | 2987.00 | 92.95 |
| 2020-21 | 4.35 | 17.41 | 2999.00 | 97.67 |
| 2021-22 (upto closure) | 5.15 | 14.76 | 3030.00 | 62.98 |

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 एन टी पी सी लिमिटेड/NTPC LIMITED
 F4, A-8A, Sector-24, NOIDA-201301



| | | | | |
|---------|------|-------|------|-------|
| Average | 3.74 | 14.73 | 3000 | 84.53 |
|---------|------|-------|------|-------|

21) It is submitted that no norms for O&M expenses have been set for 110 MW units for MTPS-I in Tariff Regulations, 2019. However, Hon'ble Commission vide order dated 22.01.2020 for MTPS-I for the period 2014-19 had adopted O&M expenses as allowed in Tariff regulations, 2014 for Tanda TPS consisting of similar size of 110 MW units. Inline with above, the tariff norms set for Tanda TPS for 2019-24 period for O&M expenses have been adopted for MTPS-I in instant petition. Accordingly, the same has been claimed in Form-3A of the attached Appendix-I.

22) **FACTS & CLOSURE OF MTPS- I (2 x 110MW):**

The facts, circumstances & sequence of events leading to MTPS-I Closure w.e.f 08.09.2021 are set out in the following paragraphs:

- i. MTPS-I station with a capacity of 220 MW comprising of two units of 110MW each and were commissioned by erstwhile BSEB as under:
- Unit 1 : 31.03.1985
 - Unit 2 : 17.03.1986

The Muzaffarpur Thermal Power Station was established by erstwhile BSEB during 1985-86 and was transferred to KBUNL by Govt. of Bihar vide Transfer notification dtd.08.09.2006 for revival, operation and maintenance of units after carrying out Renovation and Modernization work and also for further expansion of the Project. The Generating station comprising of two units of 110 MW capacity were commissioned during the year 1985-86 and prior to takeover, both units of MTPS-I were under shutdown since Oct-2003 without preservation. The entire power generated from MTPS Stage-I (2x110 MW), is allocated to Bihar as per terms and conditions of the Power Purchase Agreement (PPA), dated 22.08.2006 signed with erstwhile BSEB, **attached at Annexure-C** and has been made part of the Transfer scheme notification dated 8.9.2006. Further, the Bihar State Electricity Board has been unbundled by the Govt. of Bihar, these unbundled entities inter alia include a holding

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company, namely, Bihar State Power Holding Company Ltd. (BSPHCL) and two distribution companies namely North Bihar Power Distribution Company Ltd. (NBPDC) and South Bihar Power Distribution Company Ltd. (SBPDCL). After unbundling, the power was supplied to Bihar Discoms namely NBPDC and SBPDCL.

- ii. Based on the proposal of Govt. of Bihar for R&M and life extension of (2X 110 MW) Muzaffarpur Thermal Power Station, a MOU was signed amongst MoP, GOI, Govt. of Bihar, BHEL, NTPC & BSEB on 29.05.2006. BHEL was recommended by MoP/ Planning commission as the implementing agency for R&M. The Detailed Project report in respect of R&M was vetted by CEA and further approved by erstwhile Planning commission, GoI on 16.11.2009. Total estimated approved cost of R&M including short term restoration of U#2 of MTPS-I was Rs. 471.8 Cr, this estimated cost did not include pre-commissioning expenses, IDC & IEDC etc. expenses. After approval of GoI/ planning commission, contract for R&M of BTG of both units of MTPS-I was awarded to BHEL on 15.04.2010 whereas R&M of BOP was undertaken by erstwhile KBUNL.
- iii. The project was in depleted condition at the time of transfer and the generating station was in a position to generate power only at 10% to 15% of its capacity. As there was acute shortage of power being faced by the respondents, BSEB, only selective refurbishment works for restoration of generation from Unit-II was taken up and the commercial operation of the Unit-II was declared on 15.10.2010, without doing any major R&M work. Subsequently, as per the request of sole respondent, Unit-II was taken under R&M w.e.f 29.3.2012. The R&M of Unit-II was completed and recommissioned on 15.11.2014. Unit-I was taken under Renovation & Modernization (R&M) during 2010 and was declared under commercial operation on 1.11.2013. Further, as the amount available for carrying out R&M was restricted to Rs 471.8 Cr, the majority works carried out were of refurbishments as per the scope of R&M for achieving operational parameters i.e. Heat rate to around 3000 kcal/kWh instead of taking up the complete replacements of major capital equipment's which required more investments. Also, necessary works

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such as Fire Fighting, Ash Dyke etc. required for reliable, sustained and safe operation of station were undertaken from time to time as allowed by Hon'ble Commission vide various tariff orders for the station. The petitioner supplied reliable power to its sole beneficiary i.e. Bihar to meet their daily power requirements, even at time of Covid-19 pandemic.

- iv. It is submitted that BSPHCL vide letter dated 11.12.2020 (**Attached at Annexure-D**) brought up its intent for exploring an early termination of PPA from Stage-I on mutually agreed terms on account of higher per unit power cost from Stage-I units and informed to keep the units under RSD due to its high variable cost. However, the instant station consistently supplied electricity to the sole beneficiary i.e. Bihar in 2019-24 period till its closure as per tariff based on the orders passed by this Hon'ble commission and Bihar Discoms continued to take reliable power.
- v. Further, Ministry of Power, Govt. of India issued order vide notification no. 23/23/2020-R&R [254623] dated 22.03.2021 whereby it has been provided that willing DISCOMs may relinquish their shares from eligible CGSs after expiry of the term of PPA, i.e. on completion of 25 years from the date of commissioning of the plant or a period specified in the PPAs. It further provided that the request for relinquishment of such power from CGSs may be submitted only after the approval of the State Commission, who would ensure the adequacy of power tied up with DISCOMs to meet the demand of electricity to all the consumers under such DISCOMs.
- vi. It is submitted that Power Purchase Agreement (PPA) for the instant station was executed with the then Bihar State Electricity Board (BSEB) on 22.08.2006 wherein erstwhile BSEB agreed to purchase entire power of MTPS on mutually agreed terms. Further, the effective duration for PPA to remain operative was upto completion of 15 years from the date of take over of the station, the relevant extracts of PPA are hereunder: :

Clause 16 : ".....This PPA shall remain operative up to completion of Fifteen (15) years from the date of takeover of the station with an

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option to JVC to review and extend the PPA for a further period of Fifteen (15) years on such term as a parties may mutually agree"

- vii. As the PPA for instant station was nearing its tenure competition, BSPHCL on behalf of the respondents i.e. NBPDC and SBPDCL filed petition before Hon'ble BERC seeking an approval to exit from Power Purchase Agreement (PPA) of MTPS Stage-I (2x110 MW) on completion of the period specified in the PPA, in light of Ministry of Power (MoP), Govt. of India order dated 22.03.2021. Hence, decided not to extend the term of the PPA beyond 07.09.2021 as per clause 16 of the aforesaid PPA, wherein Govt. of Bihar vide notification no. 36 dated 08.09.2006 has appointed the date of 08.09.2006 as the date of coming into force of the Bihar Electricity Reform (Transfer of Muzaffarpur Thermal Power Station) scheme 2006 and as date of transfer Muzaffarpur Thermal Power Station from BSEB to Vaishali Power Generating Company Limited (i.e. erstwhile KBUNL).
- viii. It is submitted that the Hon'ble BERC vide order dated 07.09.2021 in Case 10/2021 filed by Bihar Discoms approved the exit from Power Purchase Agreement (PPA) of MTPS Stage-I (2x110 MW) on completion of the period specified in their PPA (i.e. on 07.09.2021) subject to adherence of all relevant terms and conditions specified in Ministry of Power (MoP), Govt. of India order dated 22.03.2021, **attached at Annexure-E**. The relevant extracts of the order in Case 10/2021 are quoted below:

"In view of above, Petitioner has submitted the undertaking that reconciliation of dues/ obligations with regards to the above PPA with KBUNL I (a fully owned subsidiary of NTPC) will be done on mutually agreed point and as obligated under clause (2) (iv) of the Ministry of Power, Govt. of India letter dated 22.03.2021, Further, the DISCOMs shall continue to be liable to make all payment /dues as per the prevailing rules/ regulations to the generator (i.e. KBUNL I) till final settlement. Further, petitioner has also submitted that the exit from the above PPA of Stage-I units of KBUNL will not sever the commercial

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relationship with KBUNL as petitioner will continue to gets power from Stage-II units under a separate PPA for the same.

"5.8 Considering the facts & circumstances mentioned above, the Commission approves the instant proposal of the petitioner to exit from Power Purchase Agreement (PPA) of MTPS Stage-I (2x110 MW) on completion of the period specified in their PPA (i.e. on 07.09.2021) subject to adherence of all relevant terms and conditions specified in Ministry of Power (MoP), Govt. of India order dated 22.03.2021."

ix. It is further submitted that the Environment (Protection) Amendment Rules, 2015, as notified by Ministry of Environment, Forest and Climate Change, Govt. of India mandates all thermal power plants to comply with the revised norms in time bound manner with additional norms for Nox and Sox besides particulate matter. The KBUNL stage-I units (2X 110 MW) have been commissioned in the year of 1985-86 and are more than 36 years old. At that time thermal power plants were designed to meet the particulate emission norms only and there was no regulation for SO₂, NO_x and Mercury emissions. Standards were specified only for the chimney height to ensure the flue gas pollutants are dispersed. These new norms can only be met by installing additional equipment & systems in flue gas path, which require additional space and power consumption. This additional capitalization will further escalate the cost / variable charge of the power generated. Further, as BSPHCL / Bihar Discoms, being the sole beneficiary of the station, having decided not to extend the PPA beyond 07.09.2021 and exit from the PPA w.e.f 08.09.2021, therefore incurring such expenditure may not be tech- economically viable as no PPA exists beyond 07.09.2021.

x. In view of the exit by BSPHCL / Bihar Discoms from the PPA beyond 07.09.2021 with approval from Hon'ble BERC, revised environmental norms etc. have lead to the closure of the station in the middle of the 2019-24 Tariff period. In the 91st Meeting of the Board of Directors of KBUNL held on 26.10.2021, it was decided that the instant station would be discontinued with effect from 08.09.2021 subject to approval from NTPC. Further, In the 507th

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Meeting of the Board of Directors of NTPC held on 30.12.2021 approval was accorded to KBUNL for discontinuance of MTPS-I. Relevant extracts from the 91st and 507th Board Minutes are attached hereto and marked as **Annexure F & G**. Further, CEA letter dated 31.1.2022 acknowledged the retirement of MTPS -I units (2X110 MW) w.e.f 08.09.2021, same is attached hereto and marked as **Annexure H**.

- xi. Further, it is submitted that after the exit from the PPA by sole the beneficiary i.e. Bihar Discoms, the petitioner is entitled to recover unrecovered depreciation, undischarged liabilities, outstanding cost of the capital spares, any other associated expenses etc. on account of closure of the station.

Outstanding Cost of Capital Spares:

- 23) It is submitted that as on 07.09.2021, there is considerable amount of unrecovered capital cost as reflected in MTPS-I books of accounts. This is the cumulative capital cost of all the capital expenditure that has been incurred by Erstwhile KBUNL for MTPS-I and has been lying unrecovered.
- 24) Capital spares are required to ensure the efficient and unhindered functioning of MTPS-I. MTPS was transferred to petitioner on 8.9.2006 and was in depleted condition at the time of transfer and was in a position to generate power only at 10% to 15% of its capacity. Pertinently, the petitioner has bought and stocked these spares over a period, these spares / replacement parts are always kept in a ready to be utilized state at a generating station so that there is no stalling of operations in the event of a failure/ breakdown of any of its part. This principle is also acknowledged by this Hon'ble Commission in Regulation 23 of the Tariff Regulations, 2019, which permits the capitalization of 4% of Plant and Machinery cost as Initial Spares for coal-based generating stations. It is submitted that this principle needs to be extended to allow for recovery of cost of all the spares that have been bought and stocked by erstwhile KBUNL for MTPS-I to continue reliable and sustained operations as KBUNL was a taken over project. Details of capital spares lying at the MTPS-I are as follows:

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25) Details of capital spares lying at the MTPS-I are as follows:

| Sl. No. | Description | Amount (Rs. Crores) |
|---------|--|---------------------|
| 1. | Gross value of Capital Spares as on 07.09.2021 | 24.58 |
| 2. | Capital spares for the period (2016-2021) included in sr. no.1 | 17.40 |
| 3. | Capital Spares transferred to other stations upto 31.03.2024 | 0 |
| 4. | Capital Spares lying at MTPS-I as on 31.03.2024 | 24.58 |

26) It is submitted that there was no provision for spares under R&M funded through GOI and MTPS-I is not eligible for compensation and special allowance, this expenditure has indisputably been incurred by erstwhile KBUNL for MTPS-I as these spares have been kept in ready state to ensure efficient and unhindered functioning of MTPS-I and to ensure low downtime in event of a failure /breakdown of any of its part. Now, that MTPS-I has been shut down w.e.f 08.09.2021, the petitioner is entitled to recover this amount from the beneficiary as the benefits in the form of sustained generation and improved operational norms has been passed on to the beneficiary. Further, Hon'ble Commission vide various order for the instant station has allowed spares upto 2015-16 period, hence spares procured and kept in ready to use state by the petitioner for reliable operation of the station from 2016 onwards till closure of the station have been considered and are being claimed.

27) It is submitted that as capital spares pertains to the Units of smaller size i.e. 110MW and such units are becoming obsolete all over the Country, there is least probability of utilization of spares elsewhere. Accordingly, the petitioner prays this Hon'ble Commission to allow reimbursement of the cost of Rs. 17.40 Crores incurred from MTPS-I beneficiary as deemed consumption under Reg 35(6) and Reg.76 i.e "Power to Relax " of Tariff Regulations, 2019 , same has been claimed as additional O&M in Form 3A of instant petition. However, if any capital spares are transferred to other NTPC generating

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stations, the same shall be duly placed before this Hon'ble Commission in due course of time.

Unrecovered Depreciation:

- 28) Regulation 15 of Tariff Regulations, 2019 provides for depreciation to be considered as a part of the Annual Fixed Cost of a generating station, which forms the basis of determination of capacity charges. Regulation 15 of the Tariff Regulations, 2019 in relevant part states:

"15. Capacity Charges: The capacity charges shall be derived on the basis of annual fixed cost. The Annual Fixed Cost (AFC) of a generating station or a transmission system including communication system shall consist of the following components:

- (a) Return on equity;
- (b) Interest on loan capital;
- (c) Depreciation;
- (d) Interest on working capital; and
- (e) Operation and maintenance expenses....."

- 29) Further, Regulation 33 of the Tariff Regulations, 2019 provides for the detailed methodology to be followed for recovery of depreciation. Regulation 33 of the Tariff Regulations, 2019 in relevant states:

"33. Depreciation:

(1) Depreciation shall be computed from the date of commercial operation of a generating station or unit thereof or a transmission system or element thereof including communication system. In case of the tariff of all the units of a generating station or all elements of a transmission system including communication system for which a single tariff needs to be determined, the depreciation shall be computed from the effective date of commercial operation of the generating station or the transmission system taking into consideration the depreciation of individual units:

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Provided that effective date of commercial operation shall be worked out by considering the actual date of commercial operation and installed capacity of all the units of the generating station or capital cost of all elements of the transmission system, for which single tariff needs to be determined.

(2) The value base for the purpose of depreciation shall be the capital cost of the asset admitted by the Commission. In case of multiple units of a generating station or multiple elements of a transmission system, weighted average life for the generating station of the transmission system shall be applied. Depreciation shall be chargeable from the first year of commercial operation. In case of commercial operation of the asset for part of the year, depreciation shall be charged on pro rata basis.

(3) The salvage value of the asset shall be considered as 10% and depreciation shall be allowed up to maximum of 90% of the capital cost of the asset: Provided that the salvage value for IT equipment and software shall be considered as NIL and 100% value of the assets shall be considered depreciable;

Provided further that in case of hydro generating stations, the salvage value shall be as provided in the agreement, if any, signed by the developers with the State Government for development of the generating station:

Provided also that the capital cost of the assets of the hydro generating station for the purpose of computation of depreciated value shall correspond to the percentage of sale of electricity under long-term power purchase agreement at regulated tariff:

Provided also that any depreciation disallowed on account of lower availability of the generating station or unit or transmission system as the case may be, shall not be allowed to be recovered at a later stage during the useful life or the extended life.

(4) Land other than the land held under lease and the land for reservoir in case of hydro generating station shall not be a depreciable asset and its cost shall be excluded from the capital cost while computing depreciable value of the asset.

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(5) Depreciation shall be calculated annually based on Straight Line Method and at rates specified in Appendix-I to these regulations for the assets of the generating station and transmission system:

Provided that the remaining depreciable value as on 31st March of the year closing after a period of 12 years from the effective date of commercial operation of the station shall be spread over the balance useful life of the assets.

(6) In case of the existing projects, the balance depreciable value as on 1.4.2019 shall be worked out by deducting the cumulative depreciation as admitted by the Commission upto 31.3.2019 from the gross depreciable value of the assets.

(7) The generating company or the transmission licensee, as the case may be, shall submit the details of proposed capital expenditure five years before the completion of useful life of the project along with justification and proposed life extension. The Commission based on prudence check of such submissions shall approve the depreciation on capital expenditure.

(8) In case of de-capitalization of assets in respect of generating station or unit thereof or transmission system or element thereof, the cumulative depreciation shall be adjusted by taking into account the depreciation recovered in tariff by the decapitalized asset during its useful services."

- 30) It is submitted that as on date of MTPS-I closure the total amount of depreciation lying unrecovered considering the capital cost claimed up to 07.09.2021 is 55.12 Crores. Now, that MTPS-I has been shut down due to expiry of validity of PPA with erstwhile BSEB and the exit by BSPHCL / Bihar Discoms (i.e. sole beneficiary) from the PPA beyond 07.09.2021, the petitioner is entitled to recover this amount from the beneficiaries. Therefore, due to closure of station Approx. Rs 55.12 Crores of outstanding un-serviced depreciation as appearing in Form -12 is unrecovered. Accordingly, it is

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humbly prayed that this Hon'ble Commission herein may allow recovery of unrecovered depreciation of Approx. Rs. 55.12 Crores from the beneficiaries.

Undischarged Liabilities/ Cost of CWIP as on Station Closure:

- 31) It is submitted that as on 07.09.2021, there is considerable amount of undischarged capital liabilities and capital work in progress i.e. CWIP for the works that have been undertaken by the petitioner from time to time in order to ensure the efficient, reliable and unhindered functioning of MTPS-I. The petitioner has filed a separate petition i.e. 264/GT/2021 after truing up exercise for 2014-19 period for revision of tariff in line with the applicable provisions of Tariff Regulations 2014, order for same is reserved and is under consideration of Hon'ble Commission. Therefore, the undischarged liabilities as on closure of station for the allowed /claimed works as appearing in Form - S of Appendix-I and CWIP are detailed in table below.

| Sl. No. | Description | Amount (Rs. Crores) |
|---------|--|---------------------|
| 1. | Undischarged liabilities relating to GB for allowed / claimed works as on 07.09.2021 | 34.97 |
| 2. | CWIP related to MTPS-I | 0.14 |

- 32) It is submitted that this expenditure is to be incurred by the petitioner for MTPS-I. Now, that MTPS-I has been shut down, the petitioner is entitled to recover this amount from the beneficiary as the benefits in the form of sustained generation and improved operational norms has been passed on to the beneficiary over a period. Accordingly, Hon'ble Commission may allow the reimbursement of the undischarged liabilities of Rs. 34.97 Cr. and CWIP after adjustment related to MTPS-I of Rs. 0.14 Cr. from the beneficiary for the liabilities payable in future for works undertaken and expenditure incurred by petitioner for unhindered functioning of MTPS-I for its sole beneficiary i.e. Bihar Discoms. Also, grant liberty to petitioner to approach Hon'ble Commission to make additional submission/ written submissions in support of its claims as and when same is discharged in future.

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Liabilities/Cost on account of Litigations/Appeals etc.

- 33) It is relevant to submit that the various cases/ appeals are pending i.e. 18 of 2018, 64 of 2022, 424 of 2022 etc. in ATE for MTPS-I. The Petitioner reserves the right to amend the Petition and / or approach the Hon'ble Commission at the appropriate time depending upon the outcome of such appeals filed in respect of this station in ATE / Courts etc. It is humbly submitted that the Petitioner reserves the right to approach this Hon'ble Commission and/or file amended Petition based on the outcome of such Appeal and/or any subsequent appeal(s).

Decommissioning cost:

- 34) It is submitted that the petitioner would incur cost for decommissioning of the plant in order to ensure safe closure of the facilities, equipment's etc. considering the safety of men and material. During the decommissioning of plant, petitioner is required to deploy some of its manpower for decommissioning activities and associated cost till the plant is dismantled. It is envisaged that plant decommissioning activities is expected to be completed in year 2025 along with dismantling activities. Therefore, the complete period of decommissioning and dismantling will be around 47-48 months. Presently, the contract for dismantling has been awarded through MSTC and the dismantling activities are under progress. Therefore, it is most respectfully submitted that NTPC should be suitably compensated for such costs incurred by recovering the same from the beneficiary of MTPS-I. The Petitioner respectfully crave this Hon'ble Commission's to grant liberty to make additional submission/separate petition in support of its above claims.

- 35) It is submitted that the Petitioner has already paid the requisite filing fee vide UTR No. P19042094907648 on 20.04.2019 for the year 2019-20, UTR No. CNRBR52020042300600327 for the year 2020-21 and UTR. No. CNRBR52021042961155679 For 2021-22 and the details of the same have been duly furnished to the Hon'ble Commission. The fees has been paid as per the provisions of the CERC (Payment of Fees) Regulations, 2012 as

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amended. Further Regulation 70 (1) of Tariff Regulations 2019 provides that the application fee and publication expenses may be allowed to be recovered directly from the beneficiaries at the discretion of the Hon'ble Commission. Accordingly, it is prayed that Hon'ble Commission may be pleased to allow recovery of filing fee and publication fee directly from the beneficiaries.

- 36) It is submitted that the Hon'ble Commission vide order dated 06.01.2023 granted liberty to the petitioner for adjustment of filing fee against the instant petition. The filing fee for the tariff determination has already been paid for the period from 2019-22 as per provisions of CERC (Payment of Fees), Regulation 2012. Accordingly, no fee is payable along with this petition for approval of tariff.
- 37) The tariff calculation based on the above & other applicable provisions, in the formats provided in the **Appendix-I** of the Tariff Regulations 2019.
- 38) 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
- 39) 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 petitioner has also filed a true-up petition 264/GT/2021 before the Hon'ble Commission for determination of capital base as on 31.03.2019 and same is pending before the Hon'ble Commission and would take some time. The Petitioner, therefore, reserves its right to amend the tariff petition as per the outcome in such appeals/ petitions, if required.

Prayers:

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



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- i) Approve tariff of MTPS Stage-I for the tariff period 01.04.2019 to 07.09.2021 as per the provisions of Regulation 13 of Tariff Regulations, 2019.
- ii) Allow normative operating norms for APC and Specific Oil Consumption as per actual performance achieved for 2019-20, 2020-21 and 2021-22.
- iii) Allow recovery of cost of capital spares as additional O&M lying at MTPS-I from beneficiary as on closure.
- iv) Allow recovery of unrecovered depreciation from beneficiary.
- v) Allow recovery of undischarged liabilities at time of closure from beneficiary.
- vi) Allow recovery of capital work in progress at time of closure from beneficiary.
- vii) Allow recovery of decommissioning/ dismantling cost etc. at MTPS-I from beneficiary.
- viii) Allow petitioner to amend the petition and / or approach Hon'ble commission in view of outcome in ATE/Court etc. matters.
- ix) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries.
- x) Allow the reimbursement of water charges, capital spares and security expenses for the instant station, as claimed by the Petitioner.
- xi) Pass any other order as it may deem fit in the circumstances mentioned above.



Petitioner

Date : 19.11.2024

Place: Noida

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



BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-13 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of **MTPS Stage-I (2x110 MW) for the period from 01.04.2019 to 07.09.2021**

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. (NBPDC) & Others

AFFIDAVIT

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

1. That the deponent is the Additional General Manager (Commercial) of the Petitioner NTPC Ltd. and is well conversant with the facts and the circumstances of the case and therefore competent to swear this affidavit.
2. That the accompanying Petition under Section 62 and 79 (1) (a) of the Electricity Act, 2003, has been filed by my authorized representative under my instruction and the contents of the same are true and correct to the best of my knowledge and belief.
3. That the contents of Para No..... to..... as mentioned in the Petition are true and correct based on the my personal knowledge, belief and records maintained in the office.



4. That the annexures annexed to the Petition are correct and true copies of the respective originals.
5. That the Deponent has not filed any other Petition or Appeal before any other forum or court of law with respect to the subject matter of the dispute.


(Deponent)

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED


Verification:

Verified at Noida on this 19th day of November 2024, that the contents of my above noted affidavit are true and correct to my knowledge and no part of it is false and nothing material has been concealed therefrom.


(Deponent)

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED



ATTESTED

BALKRISHNA DIXIT
Advocate (Notary)
R. No. 7167
GAUTAM BUDH NAGAR (U.P.)

19 NOV 2024

19 NOV 2024

Petition No :

TARIFF FILING FORMS (THERMAL)

FOR DETERMINATION OF TARIFF

FOR

MTPS Stage-I (2x110 MW)

(From 01.04.2019 to 07.09.2021)

PART-I

ANNEXURE-I

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, NOIDA-201304

TARIFF FILING FORMS (THERMAL)

FOR DETERMINATION OF TARIFF

FOR

MTPS Stage-I (2x110 MW)

(From 01.04.2019 to 07.09.2021)

PART-I

APPENDIX-I

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

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

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

Provided yearwise for the period 2019-24

PART-I

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

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

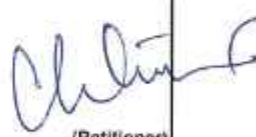
प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
 अपर महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड/NTPC LIMITED
 EOC, A-8A, Sector-24, NOIDA-201301

Summary of Tariff

| | |
|---------------------------------|---|
| Name of the Petitioner: | NTPC (Erstwhile Kanti Bijlee Utpadan Nigam Ltd.) |
| Name of the Generating Station: | MTPS Stage-I (2x110 MW) |
| Place (Region/District/State): | Eastern Region /Muzaffarpur /Bihar |

Amount in Rs. Lakhs

| S. No. | Particulars | Unit | Existing 2018-19 (*True-up order awaited) | 2019-20 | 2020-21 | 2021-22 (upto 07.09.21) | 2022-23 | 2023-24 |
|--------|--|----------|--|----------|----------|----------------------------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1.1 | Depreciation | Rs Lakh | 1,882.24 | 2,190.68 | 2,638.87 | 2,699.89 | | |
| 1.2 | Interest on Loan | Rs Lakh | 824.08 | 580.33 | 448.75 | 288.10 | | |
| 1.3 | Return on Equity | Rs Lakh | 859.74 | 816.26 | 908.89 | 918.17 | | |
| 1.4 | Interest on Working Capital | Rs Lakh | 3,504.97 | 2,152.19 | 2,174.54 | 2,038.66 | | |
| 1.5 | O&M Expenses | Rs Lakh | 10,129.84 | 11307.30 | 11368.84 | 13052.97 | | |
| 1.6 | Special Allowance (If applicable) | Rs Lakh | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 1.7 | Compensation Allowance (If applicable – relevant for column 4 only) | Rs. Lakh | 0.00 | 0.00 | 0.00 | 0.00 | | |
| | Total | Rs Lakh | 17200.88 | 17046.76 | 17539.89 | 18997.79 | | |
| 2.1 | Landed Fuel Cost (Coal) as per FSA approved by beneficiaries | Rs/Ton | | 3790.88 | 3615.19 | 3602.36 | | |
| | (%) of Fuel Quantity | (%) | | 100.00 | | | | |
| 2.2 | Landed Fuel Cost Imported Coal as per FSA approved by beneficiaries | Rs./MT | | | | Not Applicable | | |
| | (%) of Fuel Quantity | % | | | | | | |
| 2.3 | Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA | Rs/Ton | | | | Not Applicable | | |
| | (%) of Fuel Quantity | (%) | | | | | | |
| 2.4 | Landed Fuel Cost Imported Coal other than FSA. | | | | | Not Applicable | | |
| | (%) of Fuel Quantity | | | | | | | |
| 2.5 | Secondary fuel oil cost | Rs/Unit | | 0.194 | 0.287 | 0.290 | | |
| | Energy Charge Rate ex-bus (Paise/kWh) 2A, 2B, 2C, 2D | Rs/Unit | | 3.391 | 3.928 | 3.842 | | |

| Name of the Petitioner: | | NTPC (Erstwhile Kanti Bijlee Utpadan Nigam Ltd.) | | | | | |
|--|---|---|------------------|------------------|----------------------------|---------|---|
| Name of the Generating Station: | | MTPS Stage-I (2x110 MW) | | | | | |
| | | | | | | | Amount in Rs. Lakhs |
| Statement showing claimed capital cost – (A+B) | | | | | | | |
| S. No. | Particulars | Existing 2018-19* | 2019-20 | 2020-21 | 2021-22 (upto 07.09.21) | 2022-23 | 2023-24 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Opening Capital Cost (Excluding Gol Grant) | 19,688.42 | 19,660.58 | 22,716.77 | 22,948.57 | - | - |
| 2 | Add: Addition during the year/period | -2,613.14 | 2,702.62 | 127.74 | - | - | - |
| 3 | Less: De-capitalisation during the year/period | - | -152.25 | -0.83 | - | - | - |
| 4 | Less: Reversal during the year / period | - | - | - | - | - | - |
| 5 | Add: Discharges during the year/ period | 2,585.29 | 505.82 | 104.89 | 97.65 | - | - |
| 7 | Closing Capital Cost (Excluding Gol Grant) | 19660.58 | 22,716.77 | 22,948.57 | 23,046.21 | - | - |
| 8 | Average Capital Cost (Excluding Gol Grant) | 19674.50 | 21,188.68 | 22,832.67 | 22,997.39 | - | - |
| Statement showing claimed capital cost eligible for RoE at normal rate (A) | | | | | | | |
| S. No. | Particulars | | 2019-20 | 2020-21 | 2021-22 (upto 07.09.21) | 2022-23 | 2023-24 |
| 1 | 2 | | 3 | 4 | 5 | 6 | 7 |
| 1 | Opening Capital Cost (Excluding Gol Grant) | 19688.42 | 19660.58 | 22716.77 | 22948.57 | - | - |
| 2 | Add: Addition during the year / period | -2613.14 | 2702.62 | 127.74 | 0.00 | - | - |
| 3 | Less: De-capitalisation during the year / period | 0.00 | -152.25 | -0.83 | 0.00 | - | - |
| 4 | Less: Reversal during the year / period | 0.00 | 0.00 | 0.00 | 0.00 | - | - |
| 5 | Add: Discharges during the year / period | 2585.29 | 505.82 | 104.89 | 97.65 | - | - |
| 6 | Closing Capital Cost (Excluding Gol Grant) | 19660.58 | 22716.77 | 22948.57 | 23046.21 | - | - |
| 7 | Average Capital Cost (Excluding Gol Grant) | 19674.50 | 21188.68 | 22832.67 | 22997.39 | - | - |
| Statement showing claimed capital cost eligible for RoE at weighted average rate of interest on actual loan portfolio (B) | | | | | | | |
| S. No. | Particulars | | 2019-20 | 2020-21 | 2021-22 (upto 07.09.21) | 2022-23 | 2023-24 |
| 1 | 2 | | 3 | 4 | 5 | 6 | 7 |
| 1 | Opening Capital Cost (Excluding Gol Grant) | 0.00 | 0.00 | 0.00 | 0.00 | - | - |
| 2 | Add: Addition during the year / period | 0.00 | 0.00 | 0.00 | 0.00 | - | - |
| 3 | Less: De-capitalisation during the year / period | 0.00 | 0.00 | 0.00 | 0.00 | - | - |
| 4 | Less: Reversal during the year / period | 0.00 | 0.00 | 0.00 | 0.00 | - | - |
| 5 | Add: Discharges during the year / period | 0.00 | 0.00 | 0.00 | 0.00 | - | - |
| 6 | Closing Capital Cost (Excluding Gol Grant) | 0.00 | 0.00 | 0.00 | 0.00 | - | - |
| 7 | Average Capital Cost (Excluding Gol Grant) | 0.00 | 0.00 | 0.00 | 0.00 | - | - |
| <p>Total Grant received upto 31.03.2015 is Rs. 429.67 Cr. Out of this Rs 235.9 Cr grant was considered for U-1 and balance of Rs 193.77 Cr is for U-2. Grant of Rs 30.85 Cr has been accounted in 2018-19, the total grant upto 31.03.2019 is Rs 460.32 Cr. Further, No grant has been received from 01.04.2019 till 07.09.2021.</p> <p>* Hon'ble Commission vide order dtd. 22.02.2022 in Review petition No 10/RP/2020 in Petition no. 240/GT/2017(Order dated 22.01.2020) has allowed the Opening capital cost as on 15.11.2014 by considering the capital cost of Unit-2 (period 01.04.2011 to 28.03.2012) of Rs 9469.86 Lakh and the liability discharge of U-2 of Rs 261.48 lacs for the FY 2012-13 and FY 2013-14, at Paras 15 and 16. In line with above, the petitioner has considered the Opening Capital Cost of FY 2019-20 as worked out for FY 2018-19 Closing i.e. based on the CC allowed vide order dtd. 22.02.2022 in Review petition No 10/RP/2020 and trued-up amount claimed in petition 264/GT/2021 for period 2014-19, Hon'ble Commission may be pleased to consider the same. Further, the Petition 264/GT/2021 is under consideration of Hon'ble Commission.</p> | | | | | | | |
| | | | | | | |  (Petitioner) |

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

Name of the Petitioner: NTPC (Erstwhile Kanti Bijlee Utpadan Nigam Ltd.)
 Name of the Generating Station: MTPS Stage-I (2x110 MW)

Statement showing Return on Equity at Normal Rate of Return

Amount in Rs. Lakhs

| S. No. | Particulars | Existing 2018-19* | 2019-20 | 2020-21 | 2021-22 (upto 07.09.21) | 2022-23 | 2023-24 |
|--------|--|----------------------|----------|----------|----------------------------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Return on Equity | | | | | | |
| 1 | Gross Opening Equity (Normal) | 3,895.89 | 3,887.54 | 4,804.40 | 4,873.94 | - | - |
| 2 | Less: Adjustment in Opening Equity | - | - | - | - | - | - |
| 3 | Adjustment during the year | - | 0.00 | 0.00 | 0.00 | - | - |
| 4 | Net Opening Equity (Normal) | 3,895.89 | 3,887.54 | 4,804.40 | 4,873.94 | - | - |
| 5 | Add: Increase in equity due to addition during the year / period | -783.94 | 810.79 | 38.32 | 0.00 | - | - |
| 7 | Less: Decrease due to De-capitalisation during the year / period | - | -45.67 | -0.19 | 0.00 | - | - |
| 8 | Less: Decrease due to reversal during the year / period | - | 0.00 | 0.00 | 0.00 | - | - |
| 9 | Add: Increase due to discharges during the year / period | 775.59 | 151.75 | 31.41 | 29.29 | - | - |
| 10 | Net closing Equity (Normal) | 3,887.54 | 4,804.40 | 4,873.94 | 4,903.23 | - | - |
| 11 | Average Equity (Normal) | 3,891.72 | 4,345.97 | 4,839.17 | 4,888.58 | - | - |
| 12 | Rate of ROE (%) | 19.7576 | 18.7820 | 18.7820 | 18.7820 | - | - |
| 13 | Total ROE | 768.91 | 816.26 | 908.89 | 918.17 | - | - |

* Hon'ble Commission vide order dtd. 22.02.2022 in Review petition No. 10/RP/2020 in Petition no. 240/GT/2017(Order dated 22.01.2020) has allowed D:E in ratio of 70:30 in respect of the additional capitalization claimed, at Para 27. The Opening equity for FY 2019-20 has been considered as worked out for FY 2018-19 based on Capital Cost, D:E ratio allowed vide order dtd. 22.02.2022 and the trued -up amount claimed in petition 264/GT/2021 for period 2014-19, Hon'ble Commission may be pleased to consider the same. Further, the Petition 264/GT/2021 is under consideration of Hon'ble Commission.


(Petitioner)

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

| PART-I FORM- 1(IIB) | | | | | | |
|--|--|---|-------------|-------------|-------------|-------------|
| Name of the Petitioner: | | NTPC (Erstwhile Kanti Bijlee Utpadan Nigam Ltd.) | | | | |
| Name of the Generating Station: | | MTPS Stage-I (2x110 MW) | | | | |
| Statement showing Return on Equity at RoE at weighted average rate of interest | | | | | | |
| Amount in Rs. Lakhs | | | | | | |
| S. No. | Particulars | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | Return on Equity at weighted average rate of interest (WAROI) | | | | | |
| 1 | Gross Opening Equity (Normal) | 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 |
| 3 | Adjustment during the year | 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 |
| 5 | Add: Increase in equity due to addition during the year / period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | Less: Decrease due to De-capitalisation during the year / period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | Less: Decrease due to reversal during the year / period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | Add: Increase due to discharges during the year / period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | Net closing Equity (Normal) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11 | Average Equity (Normal) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 | Rate of ROE (%) | 10.803 | 10.295 | 10.013 | - | 0.000 |
| 13 | Total ROE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |


(Petitioner)

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

Plant Characteristics

| | | |
|---|---|----------------|
| Name of the Petitioner | NTPC (Erstwhile Kanti Bijlee Utpadan Nigam Ltd.) | |
| Name of the Generating Station | MTPS Stage-I (2x110 MW) | |
| Unit(s)/Block(s)/Parameters | Unit-I | Unit-II |
| Installed Capacity (MW) | 110 MW | 110 MW |
| Schedule COD as per Investment Approval | NA | NA |
| Actual COD /Date of Taken Over (as applicable) | 08-09-2006 | 08-09-2006 |
| Pit Head or Non Pit Head | non pit head | non pit head |
| Name of the Boiler Manufacture | BHEL | |
| Name of Turbine Generator Manufacture | BHEL | |
| Main Steams Pressure at Turbine inlet (kg/Cm ²) abs ¹ | 130 | 130 |
| Main Steam Temperature at Turbine inlet (°C) ¹ | 535 | 535 |
| Reheat Steam Pressure at Turbine inlet (kg/Cm ²) ¹ | 31.63 | 31.63 |
| Reheat Steam Temperature at Turbine inlet (°C) ¹ | 535 | 535 |
| Main Steam flow at Turbine inlet under MCR condition (tons /hr) ² | | |
| Main Steam flow at Turbine inlet under VWO condition (tons /hr) ² | | |
| Unit Gross electrical output under MCR /Rated condition (MW) ² | 110 | 110 |
| Unit Gross electrical output under VWO condition (MW) ² | | |
| Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh) ³ | NA | NA |
| Conditions on which design turbine cycle heat rate guaranteed(kcat/kwhr) | | |
| % MCR | | |
| % Makeup Water Consumption | 3% | 3% |
| Design Capacity of Make up Water System(% of throttle steam flow) | | |
| Design Capacity of Inlet Cooling System | | |
| Design Cooling Water Temperature (°C) | 32 | 32 |
| Back Pressure(Average condenser pressure in mmHg(A)) | | |
| Steam flow at super heater outlet under BMCR condition (tons/hr) | 375 | 375 |
| Steam Pressure at super heater outlet under BMCR condition) (kg/Cm ²) | | |
| | 138 | 138 |
| Steam Temperature at super heater outlet under BMCR condition (°C) | 540 | 540 |
| Steam Temperature at Reheater outlet at BMCR condition (°C) | 540 | 540 |
| Design / Guaranteed Boiler Efficiency (%) ⁴ | 85.87 | 85.87 |
| Design Fuel with and without Blending of domestic/imported coal (GCV) Domestic Design coal | | |
| Blended Coal (Domestic Design 70%+ Imported 30%) | | |
| Type of Cooling Tower | Induced draft | Induced draft |
| Type of cooling system ⁵ | Closed Circuit | Closed Circuit |
| Type of Boiler Feed Pump ⁶ | Motor Driven | Motor Driven |
| Fuel Details ⁷ | | |
| -Primary Fuel | Coal | Coal |
| -Secondary Fuel | LDO | LDO |
| -Alternate Fuels | - | - |
| Special Features/Site Specific Features ⁸ | | |
| Special Technological Features ⁹ | | |
| Environmental Regulation related features ¹⁰ | | |
| Any other special features | | |
| 1: At Turbine MCR condition. | | |
| 2: with 0% (Nil) make up and design Cooling water temperature | | |
| 3: at TMCR output based on gross generation, 0% (Nil) makeup and design Cooling water temperature. | | |
| 4: With Performance coal based on Higher Heating Value (HHV) of fuel and at BMCR) out put | | |
| 5: Closed circuit cooling, orce through cooling, sea cooling, natural draft cooling, induced draft cooling etc. | | |
| 6: Motor driven, Steam turbine driven etc. | | |
| 7: Coal or natural gas or Naptha or lignite etc. | | |
| 8: Any site specific feature such as Merry-Go-Round, Vicinity to sea, Intake /makeup water systems etc. scrubbers etc. Specify all such | | |
| 9: Any Special Technological feature like Advanced class FA technology in Gas Turbines, etc. | | |
| 10: Environmental Regulation related features like FGD, ESP etc. | | |
|  (PETITIONER) | | |

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

Normative parameters considered for tariff computations

Name of the Petitioner: NTPC (Erstwhile Kanti Bijlee Utpadan Nigam Ltd.)
Name of the Generating Station: MTPS Stage-I (2x110 MW)

(Year Ending March)

| Particulars | Unit | Existing 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
|---|------------|---------------------|---------|---------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Base Rate of Return on Equity \$\$ | % | 15.50 | 15.50 | 15.50 | 15.50 | | |
| Base Rate of Return on Equity on Add. Capitalization** \$\$ | % | - | 8.915 | 8.496 | 8.263 | | |
| Effective Tax Rate | % | 21.5488 | 17.4720 | 17.4720 | 17.4720 | | |
| Target Availability | % | 80.00 | 85.00 | | | | |
| In High Demand Season | % | - | - | 85.00 | 85.00 | | |
| Peak Hours | % | - | - | 85.00 | 85.00 | | |
| Off-Peak Hours | % | - | - | 85.00 | 85.00 | | |
| In Low Demand Season(Off-Peak) | % | - | - | 85.00 | 85.00 | | |
| Peak Hours | % | - | - | 85.00 | 85.00 | | |
| Off-Peak Hours | % | - | - | 85.00 | 85.00 | | |
| Auxiliary Energy Consumption* | % | 12.00 | 13.70 | 17.41 | 14.76 | | |
| Gross Station Heat Rate | kCal/kWh | 3000 | 3000 | 3000 | 3000 | | |
| Specific Fuel Oil Consumption* | ml/kWh | 2.00 | 2.91 | 4.35 | 5.51 | | |
| Cost of Coal/Lignite for WC1 | in Days | 60 | 50 | 50 | 50 | | |
| Cost of Main Secondary Fuel Oil for WC1 | in Months | 2 | 2 | 2 | 2 | | |
| Fuel Cost for WC2 | in Months | - | - | - | - | | |
| Liquid Fuel Stock for WC2 | in Months | - | - | - | - | | |
| O&M Expenses# | Rs lakh/MW | 45.8 | 46.16 | 46.16 | 46.16 | | |
| Maintenance Spares for WC | % of O&M | 20.00 | 20.00 | 20.00 | 20.00 | | |
| Receivables for WC | in Days | 60 | 45 | 45 | 45 | | |
| Storage capacity of Primary fuel** | MT | | | | 1,50,000 | | |
| SBI 1 Year MCLR plus 350 basis point ³ | % | 13.50 | 12.05 | 11.25 | 10.50 | | |
| Blending ratio of domestic coal/imported coal | | | | | | | |

O&M norms adopted as per Tanda TPS norms for 2019-24, in line with Hon'ble Commission order dtd. 22.01.2020 for 2014-19.

* As per actual (details in Petition)

** Storage capacity common for both stages



Petitioner

प्रशान्त चतुर्वेदी/PRASHANT CHATU,
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Comm)
एन टी पी सी लिमिटेड/NTPC LIA,
EOC, A-8A, Sector-24, NOIDA-20

Calculation of O&M Expenses

Name of the Company : NTPC (Erstwhile Kanti Bijlee Utpadan Nigam Ltd.)
Name of the Power Station : MTPS Stage-I (2x110 MW)

Amount in Rs. Lakhs

| S.No | Particulars | 2019-20 | 2020-21 | 2021-22 (upto 07.09.21) | 2022-23 | 2023-24 |
|------|---|-----------------|-----------------|-------------------------------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 7 | 8 |
| 1 | O&M expenses under Reg.35(1) | | | | | |
| 1a | Normative | 10155.20 | 10155.20 | 10155.20 | | |
| 2 | O&M expenses under Reg.35(6) | | | | | |
| 2a | Water Charges * | 285.15 | 146.44 | 65.35 | | |
| 2b | Secutiry expenses* | 754.87 | 967.93 | 1083.92 | | |
| 2c | Capital Spares** | 112.08 | 99.27 | 8.51 | | |
| | Subtotal | 11307.30 | 11368.84 | 11312.98 | | |
| 3 | O&M expenses-Ash Transportation | 0.00 | 0.00 | 0.00 | | |
| 4 | Additional Capital Spares # | 0.00 | 0.00 | 1739.99 | | |
| | Total O&M Expenses | 11307.30 | 11368.84 | 13052.97 | | |

*Water Charges apportioned between the stages, details provided in Form-19

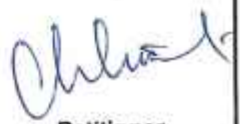
**Capital spares claimed as per details provided in respective Form-17.

Capital spares with MTPS-I as on closure of the station, claimed as additional O&M same may be considered as deemed consumption.



Petitioner

प्रशान्त चतुर्वेदी/PRASHANT CHATURVE
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, NOIDA-2013

| PART-I FORM-3B Additional Form | | | | | | | | | |
|--|---------------|-------------|--|------------------------------------|---|---------|---------|---------|---------|
| Computation of Special Allowance | | | | | | | | | |
| Name of the Company : | | | | | NTPC (Erstwhile Kanti Bijlee Utpadan Nigam Ltd.) | | | | |
| Name of the Power Station : | | | | | MTPS Stage-I (2x110 MW) | | | | |
| Rate of Special allowance @lakh/MW/year | | | | | 0 | | | | |
| (Rs. Lakh) | | | | | | | | | |
| Unit No. | Capacity (MW) | Date of COD | Year of completion of useful life of 25 yrs. | Special Allowance as per Clause 28 | | | | | |
| | | | | Existing 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1 | | | | NOT APPLICABLE | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| Year wise Total for the Station | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
|  Petitioner | | | | | | | | | |

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

Abstract of Admitted Capital Cost for the existing Projects

| | | |
|---|---|--|
| Name of the Company : | NTPC (Erstwhile Kanti Bijlee Utpadan Nigam Ltd.) | |
| Name of the Power Station : | MTPS Stage-I (2x110 MW) | |
| Last date of order of Commission for the project | Date (DD-MM-YYYY) | 22.02.2022 |
| Reference of petition no. in which the above order was passed | Petition no. | 10/RP/2020 in Petition 240/GT/2017 (Order dtd. 22.01.2020) |
| Following details (whether admitted and /or considered) as on the last date of the period for which tariff is approved, in the above order by the Commission: | | |
| Capital cost (cash basis) excluding grant | (Rs. in lakh) | 25995.58 |
| Amount of un-discharged liabilities included in above (& forming part of admitted capital cost) | | |
| Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis) | | |
| Gross Normative Debt | | 20207.54 |
| Cumulative Repayment | | 7426.52 |
| Net Normative Debt | | 12781.02 |
| Normative Equity | | 2394.68 |
| Cumulative Depreciation | | 9882.93 |
| Freehold land | | 0.00 |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (वाणिज्यिक)

(Petitioner)

Addl. General Manager (Commercial)
एन टी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, NOIDA-201301

Abstract of Claimed Capital Cost for the existing Projects

| | | |
|--|----------------------------|-----------|
| Name of the Company : | NTPC Ltd (Erstwhile KBUNL) | |
| Name of the Power Station : | MTPS Stage-I (2x110MW) | |
| Capital Cost as on 31.03.2019 as per Hon'ble Commission order dtd. 22.01.2020 in Petition No. 240/GT/2017 (excluding grant) and as per Review order dtd. 22.02.2022 based on actual/ projected capital expenditure for 2014-19 period. | Rs. Lakhs | 25,995.58 |
| Capital Cost as on 31.03.2019 as per Hon'ble Commission Review order dtd. 22.02.2022 and actual capital expenditure in true-up petition 264/GT/2021 claimed for 2014-19 period* | Rs. Lakhs | 22,725.58 |
| Adjustment as per Para (12) of this petition (including grant) | Rs. Lakhs | -6,335.00 |
| Following details as considered by the Petitioner as on the last date of the period for which final true-up tariff is claimed: | | |
| Capital cost as on 01.04.2019 (Excluding grant) | (Rs. in lakh)* | 19,660.58 |
| Capital cost as on 07.09.2021 (Closure of station) | | 23,046.21 |
| Amount of un-discharged liabilities included in above (& forming part of admitted capital cost) | | |
| Amount of un-discharged liabilities corresponding to above claimed capital cost as on 07.09.2021 (but not forming part of admitted capital cost being allowed on cash basis) | | 3533.56 |
| Gross Normative Debt | | 18,074.63 |
| Cumulative Repayment | | 14,030.50 |
| Net Normative Debt | | 4,044.13 |
| Normative Equity | | 4,903.23 |
| Cumulative Depreciation | 15,214.01 | |
| Freehold land | | 0.00 |

* True-up Petition 264/GT/2021 for 2014-19 period is under consideration of Hon'ble Commission.

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
(Petitioner)

अपार महाप्रबन्धक (व्यावसायिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, NOIDA-201301

Year wise Statement of Additional Capitalisation after COD

| Name of the Petitioner | | NTPC Ltd (Erstwhile KBUNL) | | | | | | |
|---|---|----------------------------|---------------|--------------|----------------|--------------------------------|---|---|
| Name of the Generating Station | | MTPS Stage-I (2x110 MW) | | | | | | |
| COD/Takeover | | 08.09.2005 | | | | | | |
| For Financial Year | | 2019-24 (Summary) | | | | | | |
| Sl. No | Head of Work /Equipment | ACE Claimed Cash basis | | | | Regulation under which claimed | Justification | Amount in Rs Lakh Admitted Cost by the Commission, if any |
| | | 2019-20 | 2020-21 | 2021-22 * | Total | | | |
| 1 | 2 | 3 | 4 | 5 | 6 = 3+4+5 | 7 | 8 | 9 |
| A. Works eligible for RoE at Normal Rate | | | | | | | | |
| I | Original scope works of R&M works. | 114.07 | - | - | 114.07 | 25 (1) with Reg 76 | Provided in respective Form 9A. | Rs 11.12 Cr allowed vide order dtd 22.01.2020 for Fire Fighting R&M |
| II | Other Capitalization works necessary for running of Units | 44.54 | 1.77 | - | 46.31 | 26 (1) with Reg 76 | | |
| III | Construction of Ash Dyke Lagoon -III | 2,191.03 | - | - | 2191.03 | 26(1) (b) & (e) | | Rs 46.65 Cr allowed vide order dtd. 22.01.2020 |
| IV | Installation of Effluent Quality Management System (EQMS) | 43.04 | 0.33 | 0.00 | 43.37 | 26 (1) (b) | | |
| V | MBOA items Capitalisation | 309.94 | 125.64 | 0.00 | 435.57 | 25 (2) (a) with Reg 76 | | |
| | Subtotal (I to V) | 2,702.62 | 127.74 | - | 2830.36 | | | |
| VI Decapitalization /adjustments | | | | | | | | |
| 1 | Decap of Residential Quarters etc.: Part of capital cost | - 37.39 | - | - | -37.39 | | Unserviceable assets | |
| 2 | Decap of Spares: part of capital cost. | - 101.81 | - | - | -101.81 | | | |
| 3 | Decap of MBOA items: part of capital cost | - 13.05 | -0.63 | - | -13.68 | | | |
| | Subtotal (VI) | - 152.25 | - 0.63 | - | -152.88 | | | |
| B Works eligible for RoE at Wtd. Average rate of Interest | | | | | | | | |
| | Total (B) | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| C Add: Add. Discharge of Liabilities pertaining to allowed/claimed works (C) | | | | | | | | |
| | | 505.82 | 104.69 | 97.65 | 708.15 | | Discharge of liabilities. Refer to Form-9A of individual Financial Year | |
| Total Add. Cap. Claimed (A+B+C) | | 3056.19 | 231.79 | 97.65 | 3385.63 | | | |

* MTPS-I Closed w.e.f 08.09.2021


(Petitioner)

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

| PART-I | | | | | | | | | | |
|--|---|-----------------------------------|------------|----------------------------|---|------------|--------------------------------|-------------------------------|---|---|
| Year wise Statement of Additional Capitalisation after COD | | | | | | | | | | |
| FORM- 8A | | | | | | | | | | |
| Name of the Petitioner | | NTPC Ltd. (erstwhile RBUNL) | | | | | | | | |
| Name of the Generating Station | | MTPS Stage-4 (2x110 MW) | | | | | | | | |
| COD/Takeover | | 08.09.2008 | | | | | | | | |
| For Financial Year | | 2019-20 | | | | | | | | |
| Amount in Rs Lakh | | | | | | | | | | |
| Slm n. | Head of Work /Equipment | ACE Claimed (2019-20) | | | | | Regulation under which claimed | Justification | Admitted cost by the Commission, if any | |
| | | Accrued basis as per Note-2 of BS | IND-AS Adj | Accrued basis as per IGAPP | Un-discharged Liability included in Col.3 | Cash Basis | | | | IDC included in Col.3 |
| (1) | (2) | (3) | 3A | 3B+3C | (4) | (5)+(3B-4) | (6) | (7) | (8) | |
| A Works eligible for RCE at Normal Rate | | | | | | | | | | |
| A1 Original Scope of R&M works | | | | | | | | | | |
| A1.1 | Civil works related to Township facilities | 43.39 | 0.00 | 43.39 | 0.36 | 43.02 | 0.00 | 26 (1) with Reg 76 | These are deferred works of Original scope of R&M as per approved DPR, allowed by Hon'ble Commission vide order dt. 22.01.2020. These works are related to Township facilities which include renovation of septic tank. The additional capitalization pertains to release of balance payment. Hon'ble Commission may be pleased to allow the same. Hon'ble Commission may be pleased to allow the same. | Hon'ble commission has allowed capitalization of all original scope of works which were capitalized upto 15.11.2014 and actual capitalization of original scope of works after COD on completion of R&M upto 2015-16 vide order dated 22.01.2020. Hon'ble Commission may pleased to allow |
| A1.2 | Main Electrical Equipments | 26.49 | 0.00 | 26.49 | 6.00 | 20.49 | 0.00 | 26 (1) with Reg 75 | These are deferred works of Original scope of R&M, allowed by Hon'ble commission vide order dt. 22.01.2020. The works include commissioning and erection of PLC based control system needed for safe, reliable and sustained operation of AHP and CW control systems. The additional capitalization pertains to release of balance payment subsequent to balance works/defects etc rectification. In view of above, Hon'ble Commission may be pleased to allow the same. | Commission may pleased to allow |
| A1.3 | R&M of Fire Fighting System | 82.07 | 0.00 | 82.07 | 85.44 | 17.52 | 0.00 | 25(1) (b) and (c) with Reg 76 | These are deferred works of Original scope of R&M, allowed by Hon'ble Commission vide order dt. 22.01.2020 in Pet No. 240GT/2017. The R&M of fire safety system was part original scope works of R&M. Majority of work was completed by contractor and capitalized Rs. 10.53 Cr. of the work in FY 2016-19. The summs capitalization are for works that include installation of medium velocity water sprays along with heat sensor cable & detectors in CHP i.e. coal conveyor area in view to ensure safety of the equipment/systems. The variation in amount is due to claim on projected and actual base, implementation of GST etc. Further, work got delayed as one or the other unit was running during most of the time which made it difficult to issue permit to work due to safety concerns for carrying out necessary works at the locations and were also affected by Covid-19 pandemic. The fire fighting works are also covered under compliance of existing law, for complying the CEA guidelines for construction of electric power Regulation, 2010. Hon'ble Commission may be pleased to allow the same. | Hon'ble commission has allowed the additional capitalization of 1132.60 lakh in 2017-18 vide order dated 22.01.2020. |
| A1.5 | Coal Handling Plant | 25.00 | 0.00 | 25.00 | 0.00 | 25.00 | 0.00 | 75 (1) with Reg 76 | These are deferred works of Original scope of R&M related to CHP allowed by Hon'ble commission vide order dt. 22.01.2020. These works were necessitated on account of safety and reliable operation of the plant. The Station was taken over from BSEB. The CHP being old needed improvement of system/equipments for reliable and safe operation of the plant. The gear boxes in the conveyor system had become obsolete and unreliable for both man and machine. Also, there were safety concerns as there was no hold back arrangement to protect the conveyor from coming in reverse on load during feeding of coal, therefore had to be replaced with gear boxes having hold back arrangement for improved availability and safety of system etc. The additional capitalization pertains to release of balance payments. In view of above, Hon'ble Commission may be pleased to allow the same. | Hon'ble commission has allowed capitalization of all original scope of works which were capitalized upto 15.11.2014 and actual capitalization of original scope of works after COD on completion of R&M upto 2015-16 vide order dated 22.01.2020. |
| Sub Total (A1) | | 179.87 | 0.00 | 179.87 | 55.80 | 114.07 | 0.00 | | | |
| A2 Other Capitalization works | | | | | | | | | | |
| A2.1 | TG & SG related minor works | 0.24 | 0.00 | 0.24 | 0.00 | 0.24 | 0.00 | 26 (1) (d) with Reg 76 | The original DPR for R&M was capped at Rs.471.8 Cr. which did not included may important works necessary for reliable and safe operation of plant such as TG & SG areas. Over period of time in some areas over pipe expansion below (angular) cracks/damage were developed, thus their replacement were essential and necessitated on account of safe and smooth running of the plant. These are deferred works allowed by Hon'ble Commission vide order dt. 22.01.2020 in Pet. No 240GT/2017 and the minor additional capitalization pertains to release of balance payment subsequent to balance works/defects rectification. Further, MTPS-4 station is not eligible for Compensation allowance and special allowance. In view of above, Hon'ble Commission may be pleased to allow the same. | |
| A2.2 | Civil works related to renovation of Plant/Office buildings | 47.81 | 0.00 | 47.81 | 3.51 | 44.30 | 0.00 | 26 (1) (d) with Reg 76 | The original DPR of the station for R&M was capped at Rs.471.8 Cr., which did not included may important works necessary for reliable and safe operation of plant in other areas like CHP, Main Plant, DM Civil works etc., these works were not covered in DPR. The station was taken over from BSEB. Upon inspection of various buildings, control rooms etc. of the plant, cracks, damages etc. were observed which required replacement/treatment as these works were essential for reliable and safe operation of the plant. These works included treatment of foundation & columns of DM plant digester area, CHP control room, SCR, TG roof, AHP Panel room etc. Further, MTPS-4 station is not eligible for Compensation allowance and special allowance. In view of above, Hon'ble Commission may be pleased to allow the same. | |
| Sub Total (A2) | | 48.05 | 0.00 | 48.05 | 3.51 | 44.54 | 0.00 | | | |

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

| | | | | | | | | | | |
|------|--|---------|--------|---------|--------|---------|------|------------------------|---|--|
| A3 | Construction of Ash Dyke - Lagoon -II | 2464.52 | 25.31 | 2469.83 | 266.80 | 219.03 | 0.00 | 26 (1)(b) & (c) | <p>The ash dyke work was not in the R&M scope of work and was not part of Rs.671.80 grant released. The Hon'ble commission allowed the capitalization of same on projectist basis vide order dt. 23.01.2020.</p> <p>In view of poor initial responses received during award of consolidated Ash dyke package the petitioner awarded separate packages in Aug 2017 for ash dyke of Stage-I, wherein the construction of starter ash dyke for Lagoon II and augmentation & strengthening of ash dyke for Lagoon I & II work was envisaged. The Station was taken over from BSEB, as there was no proper ash dyke for Rank-I, construction of proper ash dyke for disposal of ash was required to avoid any breach which will cause spillage of Ash water slurry in adjoining agricultural field human habitats and hence is essential for the sustained operation of Power plant. Lagoon I & II were non-engineered dyke whereas Lagoon-III was an engineered dyke.</p> <p>However, these work got delayed due to hindrances, encroachment, threats etc. created by the villages at site and therefore affected the work progress, attached at Annexure-1. The petitioner rigorously followed the matter with the concerned authorities and only with the help of district administration, the work was able to start again in Aug'18, however hindrances were continuously created by the villages/encroachers. Further, the unprecedented Covid-19 Pandemic in FY20-21 and FY 21-22, prior clearance from Ministry for the contractors from country sharing land border with India etc. severely affected Lagoon I & II ash dyke strengthening and delayed the work progress. Hence, minor work was done in Lagoon-I, no work was done in Lagoon-II whereas work for Lagoon -II which was an engineered dyke was undertaken. The current ash dyke related expenditure has been incurred by the petitioner for the construction of Ash dyke Lagoon -II and same has been put to use.</p> <p>Hon'ble Commission may be pleased to allow the capitalization of ash dyke related works.</p> | Rs.46.65 Cr allowed vide order dt. 22.01.2020 in Pet No. 240/GT/2017 in 2019-19. |
| A4 | Installation of Effluent Quality Management System (EQMS) | 46.93 | 0.00 | 46.93 | 3.88 | 43.04 | 0.00 | 26 (1)(d) | <p>It is submitted that the Central Pollution Control Board (CPCB) has mandated the continuous monitoring of effluent quality vide its letter dated 05.2.2014 (Annexure-2). Also, (Other State Pollution Control Board vide their consent order dt. 03.12.2018 (copy attached at Annexure-3) has directed WTPS-I to ensure EQMS system. In compliance to above directions, the petitioner has incurred and additional capital expenditure.</p> <p>Hon'ble Commission in its orders dated 22.03.2022 in petition no. 113/GT/2020, dt. 28.11.2022 in petition no. 191/GT/2020, dated 22.02.2023 in petition no. 262/GT/2020, dt. 28.05.2022 in petition no. 452/GT/2020, dt. 01.10.2022 in petition no. 287/GT/2020 has considered the additional capital expenditure incurred in similar works.</p> <p>In view of above, it is prayed that Hon'ble Commission may be pleased to allow the same.</p> | |
| A5 | MBOA Items Capitalization | | | | | | | | | |
| A5.1 | Furniture & Fixtures | 124.05 | 0.00 | 124.05 | 1.24 | 122.81 | 0.00 | 25 (2) (a) with Reg 76 | MTPS-I station is not eligible for Compensation allowance and special allowance. MBOA items are not covered within the scope of R&M but are accounted for the smooth and hassle free operation of the plant and are being claimed now. These are the miscellaneous assets which have been bought and acquired to replace such assets whose life is not commensurate with the useful life of the plant and have been de-capitalized. Further, to replace such assets of minor nature, Requisition 25(2)(a) has been provided in lieu of Compensation Allowance. Therefore, capitalization of these MBOA assets of minor nature may please be allowed. In view of above, it is prayed that Hon'ble Commission may allow the capitalization of these MBOA items in full. | |
| A5.2 | Other office Equipments | 41.40 | 0.00 | 41.40 | 0.14 | 41.26 | 0.00 | | | |
| A5.3 | ITP, VAP machines & SATCOM equipment etc. | 46.12 | 0.00 | 46.12 | 16.01 | 29.11 | 0.00 | | | |
| A5.4 | Miscellaneous Tools & Tackles etc. | 53.62 | 0.00 | 53.62 | 0.00 | 53.62 | 0.00 | | | |
| A5.5 | Capital Equipments | 6.97 | 0.00 | 6.97 | 0.00 | 6.97 | 0.00 | | | |
| A5.6 | Software | 63.56 | 0.00 | 63.56 | 6.39 | 57.17 | 0.00 | | | |
| | Subtotal (A5) | 335.71 | 0.00 | 335.71 | 25.78 | 309.94 | 0.00 | | | |
| A6 | Decap of MBOA items: Part of Capital Cost | -8.21 | -11.75 | -13.05 | 0.00 | -13.05 | 0.00 | | These were part of capital cost, have become unserviceable. Therefore, to be removed from capital cost after de-capitalization. | |
| A7 | Decap of Residential Quarters etc.: Part of capital cost | -37.53 | -8.85 | -37.38 | 0.00 | -37.38 | 0.00 | | These were part of capital cost, have become unserviceable. Therefore, to be removed from capital cost after de-capitalization. | |
| A8 | Decap of Spares-Part of Capital Cost | -64.75 | -17.05 | -61.81 | 0.00 | -61.81 | 0.00 | | These were part of capital cost, have become unserviceable. Therefore, to be removed from capital cost after de-capitalization. | |
| | SubTotal Add cap (A1 to A8) | 2951.49 | -13.34 | 2948.15 | 397.77 | 2550.37 | 0.00 | | | |
| A9 | Add: Discharge of liabilities corresponding to allowed/Claimed works | | | | | 508.82 | | | Duties in Form -8 i.e. Liability free statement | |
| | Total of Additional Capitalization (A) | 2951.49 | -13.34 | 2948.15 | 397.77 | 2056.19 | 0.00 | | | |
| B | Works eligible for RoE at weighted average rate of interest on loan | | | | | | | | | |
| B.1 | NIL | | | | | | | | | |
| | Total of Additional Capitalization (B) | | | | | | | | | |
| | Total Add cap claimed on cash basis and liability discharge (A+B) | 2951.49 | -13.34 | 2948.15 | 397.77 | 2056.19 | 0.00 | | | |


| Year wise statement of Additional Capitalization | | | | | | | | | | Annexure- A |
|---|--|--|---------------------------------------|-------------|----------------------------|----------------------|------------------------|----------------|-----------------|-------------|
| Name of the Petitioner | | NTPC Ltd. (Erstwhile KBUNL) | | | | | | | | |
| Name of the Generating Station | | MTPS Stage-I (2x110 MW) | | | | | | | | |
| COD/Takeover | | 08.05.2006 | | | | | | | | |
| For Financial Year | | 2019-20 | | | | | | | | |
| ACE Claimed (2019-20) | | | | | | | Amount in Rs | | | |
| Sl No. | Name of work | Party name | Add cap (Accrual basis as per Note 2) | Ind AS Adj. | Accrual basis as per IGAPP | Liability in Add Cap | Net add cap Cash Basis | IDC in Add Cap | Remarks | |
| 1 | 2 | | 3 | 3A | 3B=3+3A | 4 | 5= 3B-4 | 6 | 7 | |
| Claimed Items | | | | | | | | | | |
| A Works under Original Scope, Change in law etc. eligible for ROE at Normal Rate | | | | | | | | | | |
| A1 Original Scope of R&M works | | | | | | | | | | |
| A1.1 | Civil works related to Township facilities | Lal Enterprises | 4338831.92 | 0.00 | 4338831.92 | 36365.00 | 4302466.92 | | | |
| A1.2 | Main Electrical Equipments | Technsys Engineering Pvt Ltd & Others | 2848787.48 | 0.00 | 2848787.48 | 0.00 | 2848787.48 | | | |
| A1.3 | R&M of Fire Fighting System | THERMOSYSTEMS PVT LTD | 8297073.07 | 0.00 | 8297073.07 | 6543585.12 | 1753487.95 | | | |
| A1.4 | Coal Handling Plant | ELECON ENGINEERING CO LTD | 2502557.20 | 0.00 | 2502557.20 | 0.00 | 2502557.20 | | | |
| Sub Total (A1) | | | 17987249.67 | 0.00 | 17987249.67 | 6579950.12 | 11407299.55 | 0.00 | | |
| A2 Other Capitalization works | | | | | | | | | | |
| A2.1 | TG & SG related minor works | BHEL | 23945.13 | 0.00 | 23945.13 | 0.00 | 23945.13 | | | |
| A2.2 | Civil works related to renovation of Plant/Offsite buildings | Patna Mod-tech | 4781103.23 | 0.00 | 4781103.23 | 351381.00 | 4429722.23 | | | |
| Sub Total (A2) | | | 4805048.36 | 0.00 | 4805048.36 | 351381.00 | 4453667.36 | 0.00 | | |
| A3 | Construction of Ash Dyke - Lagoon-III | KANWAR ENTERPRISES PVT LTD Ojh | 246452258.00 | 2530843.83 | 248983101.83 | 29879672.00 | 219103429.83 | | | |
| A4 | Installation of Effluent Quality Management System (EQMS) | SWAN ENVIRONMENTAL PVT LTD, LOGICLADDER TECHNOLOGIES | 4692700.28 | 0.00 | 4692700.28 | 388600.00 | 4304100.28 | | | |
| A5 MBOA Items Capitalization | | | | | | | | | | |
| A5.1 | Furniture & Fixtures | | 12404686.60 | 0.00 | 12404686.60 | 123840.12 | 12280846.48 | | As per Form -9A | |
| A5.2 | Other office Equipments | | 4139542.84 | 0.00 | 4139542.84 | 13721.00 | 4125821.84 | | | |
| A5.3 | EDP, WP machines & SATCOM equipment etc. | | 4612322.10 | 0.00 | 4612322.10 | 1801441.00 | 2810881.10 | | | |
| A5.4 | Miscellaneous Tools & Tackles (P&M) etc. | | 5361820.37 | 0.00 | 5361820.37 | 0.00 | 5361820.37 | | | |
| A5.5 | Hospital Equipments | | 697140.00 | 0.00 | 697140.00 | 0.00 | 697140.00 | | | |
| A5.6 | Software | | 6355588.39 | 0.00 | 6355588.39 | 63667.00 | 5718901.39 | | | |
| Sub Total (A5) | | | 33571200.30 | 0.00 | 33571200.30 | 2577689.12 | 30993511.18 | | | |
| A6 | Decap of MBOA items-Part of Capital Cost | | -130522.80 | -1174705.20 | -1305228.00 | 0.00 | -1305228.00 | | | |
| A7 Decap of Residential quarters etc. : Part of capital cost | | | | | | | | | | |
| A7.1 | Decap of Internal Electrification | | -487682.80 | | -487682.80 | | -487682.80 | | | |
| A7.2 | Decap of F&G Type Quarters | | -2265791.55 | -985427.09 | -3251218.64 | | -3251218.64 | | | |
| Sub Total (A7) | | | -2753474.35 | -985427.09 | -3738901.44 | 0.00 | -3738901.44 | | | |
| A8 | Decap of Spares-Part of Capital Cost | | -8475451.38 | -1705199.67 | -10180651.05 | 0.00 | -10180651.05 | | | |
| Total Add Cap: A (A1 to A8) | | | 296149008.08 | -1334488.13 | 294814519.95 | 39777292.24 | 256037227.71 | | | |

| | | | | | | | | | |
|------|-----------------------------|---------------------|--------------------|---------------------|--------------------|---------------------|-------------|--|---------------|
| B | <u>Exclusions</u> | | | | | | | | |
| B1 | Capitalization of Spares | 45041837.93 | 0.00 | 45041837.93 | 10443111.83 | 34598726.10 | 0.00 | | As per Form K |
| B2 | Liability reversal | | | | | | | | |
| B2.1 | Main electrical equipment | -41111.94 | 0.00 | -41111.94 | -41111.94 | 0.00 | | | |
| | Total Exclusions (B) | 45000725.99 | 0.00 | 45000725.99 | 10401999.89 | 34598726.10 | 0.00 | | |
| | Grand Total (A+B) | 341149734.07 | -1334488.13 | 339815245.94 | 60179292.13 | 289635953.81 | | | |



Petitioner

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

| Name of the Petitioner | | NTPC Ltd. (Erstwhile KBUNL) | | |
|---|--|-----------------------------|-------------|---------------|
| Name of the Generating Station | | MTPS Stage-I | | |
| Summary of Gross Block Reconciliation (2019-20) | | | | |
| Sr.No. | Particular | | | Amount in Rs. |
| | | STAGE I | STAGE II | Total |
| 1 | Closing Gross Block as per books as on 31.03.2020 | 6350147922 | 38767763954 | 45117911876 |
| 2 | Opening Gross Block as per books as on 01.04.2019 | 6008998188 | 38071700903 | 44080699091 |
| 3 | Addition During the Year as per books (Ind-As) (1-2) | 341149734 | 696063051 | 1037212785 |
| 4 | Ind-AS Adjustment | -1334488 | -53094154 | -54428642 |
| 5 | Total Addition During the Year (3+4) (IGAAP) MTPS | 339815246 | 642968897 | 982784143 |
|  Petitioner | | | | |

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

| Year wise Statement of Additional Capitalization after CDD | | | | | | | | | | PART-I |
|--|---|-----------------------------------|-----------|----------------------------|--|------------|-----------------------|--------------------------------|---|--|
| Name of the Petitioner | | | | | | | | | | FORM- 9A |
| Name of the Generating Station | | | | | | | | | | |
| COD/Takeover | | | | | | | | | | |
| For Financial Year | | | | | | | | | | |
| | | | | | | | | | | (Rs Lakhs) |
| Sl.No. | Head of Work /Equipment | ACE Claimed (2020-21) | | | | | | Regulation under which claimed | Justification | Admitted cost by the Commission, if any |
| | | Accrual basis as per Note-2 of BS | IND-AS A4 | Accrual basis as per ISAPP | Un-discharged Liability included in Col. 3 | Cash Basis | IOC included in Col 3 | | | |
| (1) | (2) | (3) | 3A | 3B+3+3A | (4) | (5)+3B-4 | (6) | (7) | (8) | (9) |
| A Works eligible for IOC at Normal Rate | | | | | | | | | | |
| A1 Original Scope of R&M works | | | | | | | | | | |
| A1.1 | R&M of Fire Fighting System | 46.96 | 0.00 | 46.96 | 46.96 | 0.00 | 0.00 | 25(1)(b) and (c) with Reg 76 | Balance capitalization of works claimed in 2020-21. Justification provided in Form 9 of FY 2019-20. | Hon'ble commission has allowed the additional capitalization of 1112.88 lakh in 2017-18 vide order dated 22.01.2020. |
| A2 Other Capitalization works | | | | | | | | | | |
| A2.1 | TG & SG related minor works | 1.77 | 0.00 | 1.77 | 0.00 | 1.77 | 0.00 | 25(1)(c) with Reg 76 | The original DPR for R&M was capped at Rs 471.8 Cr, which did not included any important works necessary for reliable and safe operation of plant such as TG & SG areas. Over period of time in some Cross over pipe expansion below (angular) cracks/damage were developed, that their replacement were essential and necessitated on account of safe and smooth running of the plant. These are defined works allowed by Hon'ble Commission vide order dtd. 22.01.2020 in Pet No. 240/ST/2017 and the additional capitalization pertains to release of balance payment subsequent to balance works/elects rectification. | |
| A2.2 | Further, MTPS-1 station is not eligible for Compensation allowance and special allowance. | | | | | | | | In view of above, Hon'ble Commission may be pleased to allow the same. | |
| A3 | Installation of Efficient Quality Management System (EQMS) | 0.53 | 0.00 | 0.53 | 0.20 | 0.33 | 0.60 | 26(1)(b) | Balance capitalization of works claimed in 2020-21. Justification provided in Form 9 of FY 2019-20. | |
| A4 MBOA Capitalization | | | | | | | | | | |
| A4.1 | Furniture & Fixtures | 42.20 | 0.00 | 42.20 | 37.05 | 5.20 | 0.00 | 25(2)(a) with Reg 76 | MTPS-1 station is not eligible for Compensation allowance and special allowance. MBOA items are not covered within the scope of R&M but are essential for the smooth and reliable operation of the plant and are being claimed now. These are the miscellaneous assets which have been bought and capitalised to replace such assets whose life is not commensurate with the useful life of the plant and have been de-capitalised. Further, to replace such assets of minor nature, Regulation 25(2)(a) has been provided in lieu of Compensation Allowance. Therefore, capitalisation of these MBOA assets of minor nature may please be allowed. In view of above it is prayed that Hon'ble Commission may allow the capitalisation of these MBOA items in full. | |
| A4.2 | Other office Equipments | 28.78 | 0.00 | 28.78 | 0.00 | 28.78 | 0.00 | | | |
| A4.3 | EDP, WP machines & SATCOM equipment etc. | 58.18 | 0.00 | 58.18 | 9.95 | 52.23 | 0.00 | | | |
| A4.4 | Miscellaneous Tools & Tackles (P&M) etc. | 38.35 | 0.00 | 38.35 | 0.00 | 38.35 | 0.00 | | | |
| A4.5 | Personal Equipments | 2.71 | 0.00 | 2.71 | 1.53 | 1.08 | 0.00 | | | |
| | Subtotal (A4) | 171.30 | 0.00 | 171.30 | 48.67 | 125.64 | 0.00 | | | |
| A5 | Decap of MBOA items-Part of Capital Cost | -0.63 | 0.00 | -0.63 | 0.00 | -0.63 | 0.00 | | These MBOA's sports were part of capital cost, have become unserviceable. | |
| | SubTotal Add cap (A1 to A5) | 219.94 | 0.00 | 219.94 | 92.83 | 127.11 | 0.00 | | | |
| A6 Add. Discharge of liabilities corresponding to allowed/Claimed works | | | | | | | | | | |
| | Total of Additional Capitalization (A) | 219.94 | 0.00 | 219.94 | 92.83 | 231.79 | 0.00 | | Details in Form - 6 i.e. Liability flow statement | |
| B Works eligible for RoI at weighted average rate of interest on loan | | | | | | | | | | |
| B.1 NL | | | | | | | | | | |
| Total of Additional Capitalization (B) | | | | | | | | | | |
| Total Add cap claimed on cash basis and liability discharge (A+B) | | 219.94 | 0.00 | 219.94 | 92.83 | 231.79 | 0.00 | | | |


Chatur

| Reconciliation of Additional Capitalization with Gross Block | | | | | | | | | Annexure- A | |
|--|---|--|---------------------------------------|-------------|----------------------------|----------------------|------------------------|----------------|----------------|---------------|
| Name of the Petitioner | | NTPC Ltd. (Erstwhile KBUNL) | | | | | | | | |
| Name of the Generating Station | | MTPS Stage-I (2x110 MW) | | | | | | | | |
| COD/Takeover | | 08.09.2006 | | | | | | | | |
| For Financial Year | | 2020-21 | | | | | | | | |
| ACE Claimed (Actual for 2020-21) | | | | | | | Amount in Rs | | | |
| Sl No. | Name of work | Party name | Add cap (Accrual basis as per Note 2) | Ind AS Adj. | Accrual basis as per IGAPP | Liability in Add Cap | Net add cap Cash Basis | IDC in Add Cap | Remarks | |
| 1 | 2 | | 3 | 3A | 3B=3+3A | 4 | 5= 3B-4 | 6 | 7 | |
| Claimed items | | | | | | | | | | |
| A Works under Original Scope, Change in law etc. eligible for ROE at Normal Rate | | | | | | | | | | |
| A Original Scope of R&M works | | | | | | | | | | |
| A1.1 | R&M of Fire Fighting System | THERMOSYSTEMS PVT LTD | 4695932.03 | 0.00 | 4695932.03 | 4695932.03 | 0.00 | | As per Form-9A | |
| A2 Other Capitalization works | | | | | | | | | | |
| A2.1 | TG & SG related minor works | BHEL | 177373.00 | 0.00 | 177373.00 | 0.00 | 177373.00 | | | |
| A3 | Installation of Effluent Quality Management System (EQMS) | SWAN ENVIRONMENTAL PVT LTD, LOGICLADDER TECHNOLOGIES | 53100.00 | | 53100.00 | 20475.00 | 32625.00 | | | |
| A4 MBOA Capitalization | | | | | | | | | | |
| A4.1 | Furniture & Fixtures | | 4226779.94 | 0.00 | 4226779.94 | 3706295.30 | 520483.64 | | | |
| A4.2 | Other office Equipments | | 2877590.00 | 0.00 | 2877590.00 | 0.00 | 2877590.00 | | | |
| A4.3 | EDP, WP machines & SATCOM equipment etc. | | 5916185.00 | 0.00 | 5916185.00 | 695738.00 | 5222447.00 | | | |
| A4.4 | Miscellaneous Tools & Tackles (P&M) etc. | | 3835128.00 | 0.00 | 3835128.00 | 0.00 | 3835128.00 | | | |
| A4.5 | Hospital Equipments | | 270700.54 | 0.00 | 270700.54 | 162660.54 | 108040.00 | | | |
| Sub Total (A4) | | | 17130383.48 | 0.00 | 17130383.48 | 4566694.84 | 12563688.64 | | | |
| A5 | Decap of MBOA items-Part of Capital Cost | | -63042.00 | 0.00 | -63042.00 | 0.00 | -63042.00 | | | |
| Total Add Cap (A1 to A5) | | | 21993746.51 | 0.00 | 21993746.51 | 9283101.87 | 12710644.64 | | | |
| B Exclusions | | | | | | | | | | |
| B1 | Capitalization of Spares | | 29010437.15 | 0.00 | 29010437.15 | 1396139.00 | 27614298.15 | | | As per Form K |
| Total Exclusions (B) | | | 29010437.15 | 0.00 | 29010437.15 | 1396139.00 | 27614298.15 | | | |
| Grand Total (A+B) | | | 51004183.66 | 0.00 | 51004183.66 | 10679240.87 | 40324942.79 | | | |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI


Petitioner

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


| Name of the Petitioner | | NTPC Ltd. (Erstwhile KBUNL) | | |
|---|--|-----------------------------|------------------|------------------|
| Name of the Generating Station | | MTPS Stage-I (2x110 MW) | | |
| Summary of Gross Block Reconciliation (2020-21) | | | | |
| Sr.No. | Particular | | | Amount in Rs. |
| | | STAGE I | STAGE II | Total |
| 1 | Closing Gross Block as per books as on 31.03.2021 | 6401152105 | 39326789603 | 45727941708 |
| 2 | Opening Gross Block as per books as on 01.04.2020 | 6350147922 | 38767763954 | 45117911876 |
| 3 | Addition During the Year as per books (Ind-As) (1-2) | 51004184 | 559025649 | 610029832 |
| 4 | Ind-AS Adjustment | | -68191187 | -68191187 |
| 5 | Total Addition During the Year (3+4) (IGAAP) MTPS | 51004184 | 490834462 | 541838645 |
|  Petitioner | | | | |

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

| Year wise Statement of Additional Capitalisation after COD | | | | | | | | | | PART-I FORM- 9A |
|---|--|-----------------------------------|------------|----------------------------|--|------------|-----------------------|--------------------------------|---|---|
| Name of the Petitioner | | NTPC Ltd. (erstwhile KBUNL) | | | | | | | | |
| Name of the Generating Station | | MTPS Stage-I (2x110 MW) | | | | | | | | |
| COD/Takeover | | 08.09.2006 | | | | | | | | |
| For Financial Year | | 2021-22 | | | | | | | | |
| | | | | | | | | | | (Rs Lakhs) |
| Sl.No | Head of Work /Equipment | Accrual basis as per Note-2 of BS | IND-AS Adj | Accrual basis as per IGAPP | Un-discharged Liability included in Col. 3 | Cash Basis | IDC included in Col 3 | Regulation under which claimed | Justification | Admitted cost by the Commission, if any |
| (1) | (2) | (3) | 3A | 3B=3-3A | (4) | (5)=3B-4 | (6) | (7) | (8) | (9) |
| A Works eligible for ROE at Normal Rate | | | | | | | | | | |
| A1 | | NIL | | | | | | | | |
| | SubTotal Add cap (A1) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| A2 | Add: Discharge of liabilities corresponding to allowed/Claimed works | | | | | 97.65 | | | Details in Form -S i.e. Liability flow statement. | |
| | Total of Additional Capitalization (A) | 0.00 | 0.00 | 0.00 | 0.00 | 97.65 | 0.00 | | | |
| B Works eligible for RoE at weightage average rate of interest on loan | | | | | | | | | | |
| B.1 | NIL | | | | | | | | | |
| | Total of Additional Capitalization (B) | | | | | | | | | |
| | Total Add cap claimed on cash basis and liability discharge (A+B) | 0.00 | 0.00 | 0.00 | 0.00 | 97.65 | 0.00 | | | |

Chhavi

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

| Name of the Petitioner | | NTPC Ltd. (Erstwhile KBUNL) | | |
|---|---|-----------------------------|-------------|---|
| Name of the Generating Station | | MTPS Stage-I (2x110 MW) | | |
| * Summary of Gross Block reconciliation (2021-22 : upto 07.09.2021) * | | | | |
| Sr.No. | Particular | | | Amount in Rs. |
| | | STAGE I | STAGE II | Total |
| 1 | Closing Gross Block as per Balance Sheet 07.09.2021 (Ind-AS)* | 6401152105 | 39456422512 | 45857574618 |
| 2 | Opening Gross Block as per Balance Sheet 01.04.2021 (Ind-AS) | 6401152105 | 39326789603 | 45727941708 |
| 3 | Addition During the Year (1-2) | 0 | 129632909 | 129632909 |
| 4 | Ind-AS Adjustment | 0 | 0 | 0 |
| 5 | Addition During the Year (3+4) (IGAAP) | 0 | 129632909 | 129632909 |
| | | | |  Petitioner |

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

| | |
|---------------------------------------|---|
| Name of the Petitioner | NTPC (Erstwhile Kanti Bijlee Utpadan Nigam Ltd.) |
| Name of the Generating Station | MTPS Stage-I (2x110 MW) |
| Date of Commercial Operation/Takeover | 08-09-2006 |

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

Amount capitalised in Work/ Equipment

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

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


(Petitioner)

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

Statement of Depreciation

Name of the Company : NTPC (Erstwhile Kanti Bijlee Utpadan Nigam Ltd.)
Name of the Power Station : MTPS Stage-I (2x110 MW)

(Amount in Rs Lakh)

| S. No. | Particulars | Existing 2018-19* | 2019-20 | 2020-21 | 2021-22 (upto 07.09.21) | 2022-23 | 2023-24 |
|--------|--|-------------------|-----------|-----------|-------------------------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Opening Capital Cost (Excluding Gol Grant) | 19688.42 | 19,680.58 | 22,716.77 | 22,948.57 | | |
| 2 | Closing Capital Cost (Excluding Gol Grant) | 19660.58 | 22,716.77 | 22,948.57 | 23,046.21 | | |
| 3 | Average Capital Cost (Excluding Gol Grant) | 19674.50 | 21,188.68 | 22,832.67 | 22,997.39 | | |
| 1a | Cost of IT Equipments & Software included in (1) above | | 148.13 | 233.41 | 285.63 | | |
| 2a | Cost of IT Equipments & Software included in (2) above | | 233.41 | 285.63 | 285.63 | | |
| 3a | Average Cost of IT Equipments & Software | | 190.77 | 259.52 | 285.63 | | |
| 4 | Freehold land | - | - | - | - | | |
| 5 | Rate of depreciation | 18.25% | 22.32% | 28.74% | 17.68% | | |
| 6 | Depreciable value | 17,707.05 | 19,088.89 | 20,575.35 | 20,726.21 | | |
| 7 | Balance useful life at the beginning of the period | 5.48 | 4.48 | 3.48 | 2.48 | | |
| 8 | Remaining depreciable value | 10,314.67 | 9,814.26 | 9,183.26 | 6,695.72 | | |
| 9 | Depreciation (for the period) | 1,882.24 | 2,190.68 | 2,638.87 | 1,183.51 | | |
| 10 | Depreciation (annualised) | 1,882.24 | 2,190.68 | 2,638.87 | 2,699.89 | | |
| 11 | Cumulative depreciation at the end of the period | 9,274.62 | 11,465.31 | 14,030.96 | 15,214.01 | | |
| 12 | Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009 | - | - | - | - | | |
| 13 | Add: Cumulative depreciation adjustment on account of liability Discharge | - | - | - | - | | |
| 14 | Less: Cumulative depreciation adjustment on account of de-capitalisation | - | 73.21 | 0.46 | - | | |
| 15 | Net Cumulative depreciation at the end of the period after adjustments | 9,274.62 | 11,392.09 | 14,030.50 | 15,214.01 | | |

* Hon'ble Commission vide order dtd. 22.02.2022 in Review petition No. 10/RP/2020 in Petition no. 240/GT/2017(Order dated 22.01.2020) has allowed depreciation of Rs 1205.28 lacs recovered up to 31.03.2014 for Unit-2 to be considered in the cumulative depreciation calculation as on 15.11.2014, at Para 18. The depreciation for FY 2019-20 has been considered as worked out for FY 2018-19 based on Capital Cost, depreciation allowed vide order dtd. 22.02.2022 and the trued-up amount claimed in petition 264/GT/2021 for period 2014-19, Hon'ble Commission may be pleased to consider the same. Further, the Petition 264/GT/2021 is under consideration of Hon'ble Commission.

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


(Petitioner)

Calculation of Weighted Average Rate of Interest on Actual Loans

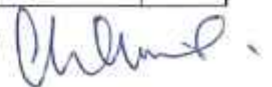
| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpeadan Nigam Limited) | | | | | |
|--------------------------------|---|---|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| Sl No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D1 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D1 | Gross loan - Opening | 3870.00 | 3870.00 | 3870.00 | 3870.00 | 3870.00 | SBI |
| | Cumulative repayments of Loans upto previous period | | | | | | |
| D1 | Net Loan Opening | 3870.00 | 3870.00 | 3870.00 | 3870.00 | 3870.00 | SBI |
| D1 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D1 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D1 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D1 | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D1 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.190685 | 8.000000 | SBI |
| D1 | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D2 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D2 | Gross loan - Opening | 2563.00 | 2563.00 | 2563.00 | 2563.00 | 2563.00 | Canara |
| | Cumulative repayments of Loans upto previous period | | | | | | |
| D2 | Net Loan Opening | 2563.00 | 2563.00 | 2563.00 | 2563.00 | 2563.00 | Canara |
| D2 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D2 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D2 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D2 | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D2 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D2 | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D3 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D3 | Gross loan - Opening | 1282.00 | 1282.00 | 1282.00 | 1282.00 | 1282.00 | UBI |
| | Cumulative repayments of Loans upto previous period | | | | | | |
| D3 | Net Loan Opening | 1282.00 | 1282.00 | 1282.00 | 1282.00 | 1282.00 | UBI |
| D3 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D3 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D3 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D3 | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D3 | Rate of Interest on loan on annual basis | 8.869180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D3 | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D4 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D4 | Gross loan - Opening | 2285.00 | 2285.00 | 2285.00 | 2285.00 | 2285.00 | IIFCL |
| | Cumulative repayments of Loans upto previous period | | | | | | |
| D4 | Net Loan Opening | 2285.00 | 2285.00 | 2285.00 | 2285.00 | 2285.00 | IIFCL |
| D4 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D4 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D4 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D4 | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D4 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.298863 | 8.054658 | 8.000000 | IF |
| D4 | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D5 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D5 | Gross loan - Opening | 3097.00 | 3097.00 | 3097.00 | 3097.00 | 3097.00 | SBI |
| | Cumulative repayments of Loans upto previous period | | | | | | |
| D5 | Net Loan Opening | 3097.00 | 3097.00 | 3097.00 | 3097.00 | 3097.00 | SBI |
| D5 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D5 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D5 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D5 | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D5 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.190685 | 8.000000 | SBI |
| D5 | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D6 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D6 | Gross loan - Opening | 2050.00 | 2050.00 | 2050.00 | 2050.00 | 2050.00 | Canara |
| | Cumulative repayments of Loans upto previous period | | | | | | |
| D6 | Net Loan Opening | 2050.00 | 2050.00 | 2050.00 | 2050.00 | 2050.00 | Canara |
| D6 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D6 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D6 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D6 | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D6 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D6 | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D7 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D7 | Gross loan - Opening | 1025.00 | 1025.00 | 1025.00 | 1025.00 | 1025.00 | UBI |
| | Cumulative repayments of Loans upto previous period | | | | | | |
| D7 | Net Loan Opening | 1025.00 | 1025.00 | 1025.00 | 1025.00 | 1025.00 | UBI |
| D7 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |

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

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x196 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D7 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D7 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D7 | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D7 | Rate of Interest on loan on annual basis | 8.599180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D7 | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D6 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D6 | Gross loan - Opening | 1828.00 | 1828.00 | 1828.00 | 1828.00 | 1828.00 | IIFCL |
| D6 | Cumulative repayments of Loans upto previous period | 1828.00 | 1828.00 | 1828.00 | 1828.00 | 1828.00 | IIFCL |
| D6 | Net Loan Opening | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D6 | add: Drawal(s) during the year | 0 | | | | | |
| D6 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D6 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D6 | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D6 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D6 | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D9 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D9 | Gross loan - Opening | 5418.00 | 5418.00 | 5418.00 | 5418.00 | 5418.00 | SBI |
| D9 | Cumulative repayments of Loans upto previous period | 5418.00 | 5418.00 | 5418.00 | 5418.00 | 5418.00 | SBI |
| D9 | Net Loan Opening | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D9 | add: Drawal(s) during the year | 0 | | | | | |
| D9 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D9 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D9 | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D9 | Rate of Interest on loan on annual basis | 8.860108 | 8.280000 | 8.250000 | 8.180688 | 8.000000 | SBI |
| D9 | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D10 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D10 | Gross loan - Opening | 3199.00 | 3199.00 | 3199.00 | 3199.00 | 3199.00 | IIFCL |
| D10 | Cumulative repayments of Loans upto previous period | 3199.00 | 3199.00 | 3199.00 | 3199.00 | 3199.00 | IIFCL |
| D10 | Net Loan Opening | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D10 | add: Drawal(s) during the year | 0 | | | | | |
| D10 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D10 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D10 | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D10 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D10 | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D11 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D11 | Gross loan - Opening | 1795.00 | 1795.00 | 1795.00 | 1795.00 | 1795.00 | UBI |
| D11 | Cumulative repayments of Loans upto previous period | 1795.00 | 1795.00 | 1795.00 | 1795.00 | 1795.00 | UBI |
| D11 | Net Loan Opening | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D11 | add: Drawal(s) during the year | 0 | | | | | |
| D11 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D11 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D11 | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D11 | Rate of Interest on loan on annual basis | 8.599180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D11 | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D12 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D12 | Gross loan - Opening | 95.74 | 95.74 | 95.74 | 95.74 | 95.74 | Canara |
| D12 | Cumulative repayments of Loans upto previous period | 95.74 | 95.74 | 95.74 | 95.74 | 95.74 | Canara |
| D12 | Net Loan Opening | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D12 | add: Drawal(s) during the year | 0 | | | | | |
| D12 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D12 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D12 | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D12 | Rate of Interest on loan on annual basis | 8.860108 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D12 | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D13 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D13 | Gross loan - Opening | 5805.00 | 5805.00 | 5805.00 | 5805.00 | 5805.00 | SBI |
| D13 | Cumulative repayments of Loans upto previous period | 2899.95 | 5805.00 | 5805.00 | 5805.00 | 5805.00 | SBI |
| D13 | Net Loan Opening | 2905.05 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D13 | add: Drawal(s) during the year | 0 | | | | | |
| D13 | Less: Repayment(s) during the year | 2905.05 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D13 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D13 | Average Net Loan | 1484.98 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D13 | Rate of Interest on loan on annual basis | 8.860108 | 8.250000 | 8.250000 | 8.180688 | 8.000000 | SBI |
| D13 | Interest on Loan Annualised | 131.57 | 0.00 | 0.00 | 0.00 | 0.00 | |

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



Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kantil Billee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|---|-----------------|-----------------|-----------------|-----------------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D14 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D14 | Gross loan - Opening | 3428.00 | 3428.00 | 3428.00 | 3428.00 | 3428.00 | IIFCL |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 1901.48 | 3428.00 | 3428.00 | IIFCL |
| D14 | Net Loan Opening | 3428.00 | 3428.00 | 1526.54 | 0.00 | 0.00 | IIFCL |
| D14 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D14 | Less: Repayment(s) during the year | 0.00 | 1901.46 | 1526.54 | 0.00 | 0.00 | IIFCL |
| D14 | Net Loan Closing | 3428.00 | 1526.54 | 0.00 | 0.00 | 0.00 | IIFCL |
| D14 | Average Net Loan | 3428.00 | 2477.27 | 783.27 | 0.00 | 0.00 | |
| D14 | Rate of Interest on loan on annual basis | 8.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D14 | Interest on Loan Annualised | 314.52 | 221.22 | 63.36 | 0.00 | 0.00 | |
| D15 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D15 | Gross loan - Opening | 3844.00 | 3844.00 | 3844.00 | 3844.00 | 3844.00 | Canara |
| | Cumulative repayments of Loans upto previous period | 0.00 | 3844.00 | 3844.00 | 3844.00 | 3844.00 | Canara |
| D15 | Net Loan Opening | 3844.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D15 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D15 | Less: Repayment(s) during the year | 3844.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D15 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D15 | Average Net Loan | 1922.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D15 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D15 | Interest on Loan Annualised | 170.29 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D16 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D16 | Gross loan - Opening | 471.44 | 471.44 | 471.44 | 471.44 | 471.44 | Canara |
| | Cumulative repayments of Loans upto previous period | 0.00 | 471.44 | 471.44 | 471.44 | 471.44 | Canara |
| D16 | Net Loan Opening | 471.44 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D16 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D16 | Less: Repayment(s) during the year | 471.44 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D16 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D16 | Average Net Loan | 235.72 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D16 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D16 | Interest on Loan Annualised | 20.89 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D17 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D17 | Gross loan - Opening | 89.24 | 89.24 | 89.24 | 89.24 | 89.24 | Canara |
| | Cumulative repayments of Loans upto previous period | 0.00 | 89.24 | 89.24 | 89.24 | 89.24 | Canara |
| D17 | Net Loan Opening | 89.24 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D17 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D17 | Less: Repayment(s) during the year | 89.24 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D17 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D17 | Average Net Loan | 44.62 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D17 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D17 | Interest on Loan Annualised | 3.65 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D18 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D18 | Gross loan - Opening | 1923.00 | 1923.00 | 1923.00 | 1923.00 | 1923.00 | UBI |
| | Cumulative repayments of Loans upto previous period | 0.00 | 1923.00 | 1923.00 | 1923.00 | 1923.00 | UBI |
| D18 | Net Loan Opening | 1923.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D18 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D18 | Less: Repayment(s) during the year | 1923.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D18 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D18 | Average Net Loan | 961.50 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D18 | Rate of Interest on loan on annual basis | 8.599180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D18 | Interest on Loan Annualised | 82.68 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D19 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D19 | Gross loan - Opening | 141.72 | 141.72 | 141.72 | 141.72 | 141.72 | Canara |
| | Cumulative repayments of Loans upto previous period | 0.00 | 141.72 | 141.72 | 141.72 | 141.72 | Canara |
| D19 | Net Loan Opening | 141.72 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D19 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D19 | Less: Repayment(s) during the year | 141.72 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D19 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D19 | Average Net Loan | 70.86 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D19 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D19 | Interest on Loan Annualised | 6.28 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D20 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D20 | Gross loan - Opening | 223.93 | 223.93 | 223.93 | 223.93 | 223.93 | Canara |
| | Cumulative repayments of Loans upto previous period | 0.00 | 223.93 | 223.93 | 223.93 | 223.93 | Canara |
| D20 | Net Loan Opening | 223.93 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D20 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D20 | Less: Repayment(s) during the year | 223.93 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
 अपर महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड/NTPC LIMITED
 EOC, A-8A, Sector-24, NOIDA-201304

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Karli Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| | | (Amount in Rs. Lakh) | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D20 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D20 | Average Net Loan | 111.96 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D20 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D20 | Interest on Loan Annualised | 9.92 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D21 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D21 | Gross loan - Opening | 615.10 | 615.10 | 615.10 | 615.10 | 615.10 | Canara |
| D21 | Cumulative repayments of Loans upto previous period | 0.00 | 615.10 | 615.10 | 615.10 | 615.10 | Canara |
| D21 | Net Loan Opening | 615.10 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D21 | add: Drawal(s) during the year | 0 | | | | | |
| D21 | Less: Repayment(s) during the year | 615.10 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D21 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D21 | Average Net Loan | 307.55 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D21 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D21 | Interest on Loan Annualised | 27.25 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D22 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D22 | Gross loan - Opening | 203.58 | 203.58 | 203.58 | 203.58 | 203.58 | Canara |
| D22 | Cumulative repayments of Loans upto previous period | 0.00 | 203.58 | 203.58 | 203.58 | 203.58 | Canara |
| D22 | Net Loan Opening | 203.58 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D22 | add: Drawal(s) during the year | 0 | | | | | |
| D22 | Less: Repayment(s) during the year | 203.58 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D22 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D22 | Average Net Loan | 101.79 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D22 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D22 | Interest on Loan Annualised | 9.02 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D23 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D23 | Gross loan - Opening | 298.87 | 298.87 | 298.87 | 298.87 | 298.87 | Canara |
| D23 | Cumulative repayments of Loans upto previous period | 0.00 | 298.87 | 298.87 | 298.87 | 298.87 | Canara |
| D23 | Net Loan Opening | 298.87 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D23 | add: Drawal(s) during the year | 0 | | | | | |
| D23 | Less: Repayment(s) during the year | 298.87 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D23 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D23 | Average Net Loan | 149.44 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D23 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D23 | Interest on Loan Annualised | 13.24 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D24 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D24 | Gross loan - Opening | 2186.00 | 2186.00 | 2186.00 | 2186.00 | 2186.00 | SBI |
| D24 | Cumulative repayments of Loans upto previous period | 0.00 | 795.29 | 2186.00 | 2186.00 | 2186.00 | SBI |
| D24 | Net Loan Opening | 2186.00 | 1390.71 | 0.00 | 0.00 | 0.00 | SBI |
| D24 | add: Drawal(s) during the year | 0 | | | | | |
| D24 | Less: Repayment(s) during the year | 795.29 | 1390.71 | 0.00 | 0.00 | 0.00 | SBI |
| D24 | Net Loan Closing | 1390.71 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D24 | Average Net Loan | 1788.36 | 695.36 | 0.00 | 0.00 | 0.00 | |
| D24 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180686 | 8.000000 | SBI |
| D24 | Interest on Loan Annualised | 158.45 | 57.37 | 0.00 | 0.00 | 0.00 | |
| D25 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D25 | Gross loan - Opening | 1447.00 | 1447.00 | 1447.00 | 1447.00 | 1447.00 | Canara |
| D25 | Cumulative repayments of Loans upto previous period | 0.00 | 1447.00 | 1447.00 | 1447.00 | 1447.00 | Canara |
| D25 | Net Loan Opening | 1447.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D25 | add: Drawal(s) during the year | 0 | | | | | |
| D25 | Less: Repayment(s) during the year | 1447.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D25 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D25 | Average Net Loan | 723.50 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D25 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D25 | Interest on Loan Annualised | 54.10 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D26 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D26 | Gross loan - Opening | 724.00 | 724.00 | 724.00 | 724.00 | 724.00 | UBI |
| D26 | Cumulative repayments of Loans upto previous period | 0.00 | 189.75 | 724.00 | 724.00 | 724.00 | UBI |
| D26 | Net Loan Opening | 724.00 | 534.25 | 0.00 | 0.00 | 0.00 | UBI |
| D26 | add: Drawal(s) during the year | 0 | | | | | |
| D26 | Less: Repayment(s) during the year | 189.75 | 534.25 | 0.00 | 0.00 | 0.00 | UBI |
| D26 | Net Loan Closing | 534.25 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D26 | Average Net Loan | 629.13 | 267.13 | 0.00 | 0.00 | 0.00 | |
| D26 | Rate of Interest on loan on annual basis | 8.869180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D26 | Interest on Loan Annualised | 54.10 | 23.67 | 0.00 | 0.00 | 0.00 | |
| D27 | Loan-1 (Consortium of banks/FI) | | | | | | |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI

अपर महाप्रबन्धक (वाणिज्यिक)

Addl. General Manager (Commercial)

60वीं पी सी लिमिटेड/NTPC LIMITED


EOC, A-8A, Sector-24, NOIDA-201301

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| Sl. No. | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D27 | Gross loan - Opening | 1290.00 | 1290.00 | 1290.00 | 1290.00 | 1290.00 | IIFCL |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 1290.00 | 1290.00 | IIFCL |
| D27 | Net Loan Opening | 1290.00 | 1290.00 | 1290.00 | 0.00 | 0.00 | IIFCL |
| D27 | add: Drawal(s) during the year | 0 | | | | | |
| D27 | Less: Repayment(s) during the year | 0.00 | 0.00 | 1260.00 | 0.00 | 0.00 | IIFCL |
| D27 | Net Loan Closing | 1290.00 | 1290.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D27 | Average Net Loan | 1290.00 | 1290.00 | 645.00 | 0.00 | 0.00 | |
| D27 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D27 | Interest on Loan Annualised | 118.36 | 115.20 | 53.53 | 0.00 | 0.00 | |
| | | | | | | | |
| D28 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D28 | Gross loan - Opening | 2787.00 | 2787.00 | 2787.00 | 2787.00 | 2787.00 | SBI |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 2787.00 | 2787.00 | 2787.00 | SBI |
| D28 | Net Loan Opening | 2787.00 | 2787.00 | 0.00 | 0.00 | 0.00 | SBI |
| D28 | add: Drawal(s) during the year | 0 | | | | | |
| D28 | Less: Repayment(s) during the year | 0.00 | 2787.00 | 0.00 | 0.00 | 0.00 | SBI |
| D28 | Net Loan Closing | 2787.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D28 | Average Net Loan | 2787.00 | 1393.50 | 0.00 | 0.00 | 0.00 | |
| D28 | Rate of Interest on loan on annual basis | 8.860109 | 8.260000 | 8.260000 | 8.180665 | 8.000000 | SBI |
| D28 | Interest on Loan Annualised | 246.89 | 114.95 | 0.00 | 0.00 | 0.00 | |
| | | | | | | | |
| D29 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D29 | Gross loan - Opening | 923.00 | 923.00 | 923.00 | 923.00 | 923.00 | UBI |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 923.00 | 923.00 | 923.00 | UBI |
| D29 | Net Loan Opening | 923.00 | 923.00 | 0.00 | 0.00 | 0.00 | UBI |
| D29 | add: Drawal(s) during the year | 0 | | | | | |
| D29 | Less: Repayment(s) during the year | 0.00 | 923.00 | 0.00 | 0.00 | 0.00 | UBI |
| D29 | Net Loan Closing | 923.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D29 | Average Net Loan | 923.00 | 461.50 | 0.00 | 0.00 | 0.00 | |
| D29 | Rate of Interest on loan on annual basis | 8.599190 | 8.861781 | 8.260000 | 8.054658 | 8.000000 | UBI |
| D29 | Interest on Loan Annualised | 79.37 | 40.90 | 0.00 | 0.00 | 0.00 | |
| | | | | | | | |
| D30 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D30 | Gross loan - Opening | 845.00 | 845.00 | 845.00 | 845.00 | 845.00 | Canara |
| | Cumulative repayments of Loans upto previous period | 0.00 | 845.00 | 845.00 | 845.00 | 845.00 | Canara |
| D30 | Net Loan Opening | 845.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D30 | add: Drawal(s) during the year | 0 | | | | | |
| D30 | Less: Repayment(s) during the year | 845.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D30 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D30 | Average Net Loan | 422.50 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D30 | Rate of Interest on loan on annual basis | 8.860109 | 8.260000 | 8.260000 | 8.054658 | 8.000000 | Can |
| D30 | Interest on Loan Annualised | 37.43 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | | | | | | |
| D31 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D31 | Gross loan - Opening | 1645.00 | 1645.00 | 1645.00 | 1645.00 | 1645.00 | IIFCL |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 868.48 | 1645.00 | IIFCL |
| D31 | Net Loan Opening | 1645.00 | 1645.00 | 1645.00 | 878.54 | 0.00 | IIFCL |
| D31 | add: Drawal(s) during the year | 0 | | | | | |
| D31 | Less: Repayment(s) during the year | 0.00 | 0.00 | 868.46 | 878.54 | 0.00 | IIFCL |
| D31 | Net Loan Closing | 1645.00 | 1645.00 | 878.54 | 0.00 | 0.00 | IIFCL |
| D31 | Average Net Loan | 1645.00 | 1645.00 | 1161.77 | 339.27 | 0.00 | |
| D31 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D31 | Interest on Loan Annualised | 150.93 | 148.90 | 96.43 | 27.33 | 0.00 | |
| | | | | | | | |
| D32 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D32 | Gross loan - Opening | 177.43 | 177.43 | 177.43 | 177.43 | 177.43 | Canara |
| | Cumulative repayments of Loans upto previous period | 0.00 | 177.43 | 177.43 | 177.43 | 177.43 | Canara |
| D32 | Net Loan Opening | 177.43 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D32 | add: Drawal(s) during the year | 0 | | | | | |
| D32 | Less: Repayment(s) during the year | 177.43 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D32 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D32 | Average Net Loan | 88.72 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D32 | Rate of Interest on loan on annual basis | 8.860109 | 8.260000 | 8.260000 | 8.054658 | 8.000000 | Can |
| D32 | Interest on Loan Annualised | 7.86 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | | | | | | |
| D33 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D33 | Gross loan - Opening | 102.93 | 102.93 | 102.93 | 102.93 | 102.93 | Canara |
| | Cumulative repayments of Loans upto previous period | 0.00 | 102.93 | 102.93 | 102.93 | 102.93 | Canara |
| D33 | Net Loan Opening | 102.93 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D33 | add: Drawal(s) during the year | 0 | | | | | |
| D33 | Less: Repayment(s) during the year | 102.93 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D33 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |

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

| Calculation of Weighted Average Rate of Interest on Actual Loans | | | | | | | |
|--|---|--|----------|----------|----------|----------|--------|
| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D33 | Average Net Loan | 51.47 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D33 | Rate of Interest on loan on annual basis | 8.860109 | 8.280000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D33 | Interest on Loan Annualised | 4.55 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D34 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D34 | Gross loan - Opening | 3174.00 | 3174.00 | 3174.00 | 3174.00 | 3174.00 | SBI |
| D34 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 3174.00 | 3174.00 | 3174.00 | SBI |
| D34 | Net Loan Opening | 3174.00 | 3174.00 | 0.00 | 0.00 | 0.00 | SBI |
| D34 | add: Drawal(s) during the year | 0 | | | | | |
| D34 | Less: Repayment(s) during the year | 0.00 | 3174.00 | 0.00 | 0.00 | 0.00 | SBI |
| D34 | Net Loan Closing | 3174.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D34 | Average Net Loan | 3174.00 | 1587.00 | 0.00 | 0.00 | 0.00 | |
| D34 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D34 | Interest on Loan Annualised | 281.22 | 130.83 | 0.00 | 0.00 | 0.00 | |



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

| Calculation of Weighted Average Rate of Interest on Actual Loans | | | | | | | |
|--|---|--|-----------------|-----------------|-----------------|-----------------|--------|
| Name of the Petitioner | | NTPC Limited (Formerly Kanfi Bijlee Utpadan Nigam Limited) | | | | | |
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| Sl No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D35 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D35 | Gross loan - Opening | 1101.00 | 1101.00 | 1101.00 | 1101.00 | 1101.00 | Canara |
| | Cumulative repayments of Loans upto previous period | 0.00 | 1101.00 | 1101.00 | 1101.00 | 1101.00 | Canara |
| D35 | Net Loan Opening | 1101.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D35 | add: Drawal(s) during the year | 0 | | | | | |
| D35 | Less: Repayment(s) during the year | 1101.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D35 | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D35 | Average Net Loan | 550.50 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D35 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D35 | Interest on Loan Annualised | 48.77 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D36 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D36 | Gross loan - Opening | 52.80 | 52.80 | 52.80 | 52.80 | 52.80 | Canara |
| | Cumulative repayments of Loans upto previous period | 0.00 | 37.80 | 52.80 | 52.80 | 52.80 | Canara |
| D36 | Net Loan Opening | 52.80 | 15.00 | 0.00 | 0.00 | 0.00 | Canara |
| D36 | add: Drawal(s) during the year | 0 | | | | | |
| D36 | Less: Repayment(s) during the year | 37.80 | 15.00 | 0.00 | 0.00 | 0.00 | Canara |
| D36 | Net Loan Closing | 15.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D36 | Average Net Loan | 33.90 | 7.50 | 0.00 | 0.00 | 0.00 | |
| D36 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D36 | Interest on Loan Annualised | 3.00 | 0.62 | 0.00 | 0.00 | 0.00 | |
| D37 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D37 | Gross loan - Opening | 1051.00 | 1051.00 | 1051.00 | 1051.00 | 1051.00 | UBI |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 1051.00 | 1051.00 | 1051.00 | UBI |
| D37 | Net Loan Opening | 1051.00 | 1051.00 | 0.00 | 0.00 | 0.00 | UBI |
| D37 | add: Drawal(s) during the year | 0 | | | | | |
| D37 | Less: Repayment(s) during the year | 0.00 | 1051.00 | 0.00 | 0.00 | 0.00 | UBI |
| D37 | Net Loan Closing | 1051.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D37 | Average Net Loan | 1051.00 | 525.50 | 0.00 | 0.00 | 0.00 | |
| D37 | Rate of Interest on loan on annual basis | 8.599190 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D37 | Interest on Loan Annualised | 90.38 | 46.57 | 0.00 | 0.00 | 0.00 | |
| D38 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D38 | Gross loan - Opening | 1874.00 | 1874.00 | 1874.00 | 1874.00 | 1874.00 | IIFCL |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 1874.00 | IIFCL |
| D38 | Net Loan Opening | 1874.00 | 1874.00 | 1874.00 | 1874.00 | 0.00 | IIFCL |
| D38 | add: Drawal(s) during the year | 0 | | | | | |
| D38 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 1874.00 | 0.00 | IIFCL |
| D38 | Net Loan Closing | 1874.00 | 1874.00 | 1874.00 | 0.00 | 0.00 | IIFCL |
| D38 | Average Net Loan | 1874.00 | 1874.00 | 1874.00 | 937.00 | 0.00 | |
| D38 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D38 | Interest on Loan Annualised | 171.84 | 167.35 | 155.54 | 75.47 | 0.00 | |
| D39 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D39 | Gross loan - Opening | 3097.00 | 3097.00 | 3097.00 | 3097.00 | 3097.00 | SBI |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 1157.95 | 3097.00 | 3097.00 | SBI |
| D39 | Net Loan Opening | 3097.00 | 3097.00 | 1939.05 | 0.00 | 0.00 | SBI |
| D39 | add: Drawal(s) during the year | 0 | | | | | |
| D39 | Less: Repayment(s) during the year | 0.00 | 1157.95 | 1939.05 | 0.00 | 0.00 | SBI |
| D39 | Net Loan Closing | 3097.00 | 1939.05 | 0.00 | 0.00 | 0.00 | SBI |
| D39 | Average Net Loan | 3097.00 | 2518.03 | 669.53 | 0.00 | 0.00 | |
| D39 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D39 | Interest on Loan Annualised | 274.40 | 207.74 | 79.99 | 0.00 | 0.00 | |
| D40 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D40 | Gross loan - Opening | 1828.00 | 1828.00 | 1828.00 | 1828.00 | 1828.00 | IIFCL |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 1828.00 | IIFCL |
| D40 | Net Loan Opening | 1828.00 | 1828.00 | 1828.00 | 1828.00 | 0.00 | IIFCL |
| D40 | add: Drawal(s) during the year | 0 | | | | | |
| D40 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 1828.00 | 0.00 | IIFCL |
| D40 | Net Loan Closing | 1828.00 | 1828.00 | 1828.00 | 0.00 | 0.00 | IIFCL |
| D40 | Average Net Loan | 1828.00 | 1828.00 | 1828.00 | 914.00 | 0.00 | |
| D40 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D40 | Interest on Loan Annualised | 167.72 | 163.24 | 151.72 | 73.62 | 0.00 | |
| D41 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D41 | Gross loan - Opening | 1025.00 | 1025.00 | 1025.00 | 1025.00 | 1025.00 | UBI |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 382.75 | 1025.00 | 1025.00 | UBI |
| D41 | Net Loan Opening | 1025.00 | 1025.00 | 642.25 | 0.00 | 0.00 | UBI |
| D41 | add: Drawal(s) during the year | 0 | | | | | |
| D41 | Less: Repayment(s) during the year | 0.00 | 382.75 | 642.25 | 0.00 | 0.00 | UBI |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
 अपर महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी 63 लिमिटेड/NTPC LIMITED
 EOC, A-8A, Sector-24, NOIDA-201301

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|--|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | | |
| (Amount in Rs. Lakh) | | | | | | | | |
| Sl No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender | |
| D41 | Net Loan Closing | 1025.00 | 662.25 | 0.00 | 0.00 | 0.00 | UBI | |
| D41 | Average Net Loan | 1025.00 | 843.63 | 331.13 | 0.00 | 0.00 | | |
| D41 | Rate of Interest on loan on annual basis | 8.599180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI | |
| D41 | Interest on Loan Annualised | 86.14 | 74.75 | 27.32 | 0.00 | 0.00 | | |
| D42 | Loan-1 (Consortium of banks/FI) | | | | | | | |
| D42 | Gross loan - Opening | 2050.00 | 2050.00 | 2050.00 | 2050.00 | 2050.00 | Canara | |
| D42 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 2050.00 | 2050.00 | 2050.00 | Canara | |
| D42 | Net Loan Opening | 2050.00 | 2050.00 | 0.00 | 0.00 | 0.00 | Canara | |
| D42 | add: Drawal(s) during the year | 0 | | | | | | |
| D42 | Less: Repayment(s) during the year | 0.00 | 2050.00 | 0.00 | 0.00 | 0.00 | Canara | |
| D42 | Net Loan Closing | 2050.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara | |
| D42 | Average Net Loan | 2050.00 | 1025.00 | 0.00 | 0.00 | 0.00 | | |
| D42 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can | |
| D42 | Interest on Loan Annualised | 181.63 | 84.56 | 0.00 | 0.00 | 0.00 | | |
| D43 | Loan-1 (Consortium of banks/FI) | | | | | | | |
| D43 | Gross loan - Opening | 250.56 | 250.56 | 250.56 | 250.56 | 250.56 | Canara | |
| D43 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 250.56 | 250.56 | 250.56 | Canara | |
| D43 | Net Loan Opening | 250.56 | 250.56 | 0.00 | 0.00 | 0.00 | Canara | |
| D43 | add: Drawal(s) during the year | 0 | | | | | | |
| D43 | Less: Repayment(s) during the year | 0.00 | 250.56 | 0.00 | 0.00 | 0.00 | Canara | |
| D43 | Net Loan Closing | 250.56 | 0.00 | 0.00 | 0.00 | 0.00 | Canara | |
| D43 | Average Net Loan | 250.56 | 125.28 | 0.00 | 0.00 | 0.00 | | |
| D43 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can | |
| D43 | Interest on Loan Annualised | 22.20 | 10.34 | 0.00 | 0.00 | 0.00 | | |
| D44 | Loan-1 (Consortium of banks/FI) | | | | | | | |
| D44 | Gross loan - Opening | 403.00 | 403.00 | 403.00 | 403.00 | 403.00 | SBI | |
| D44 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 403.00 | 403.00 | SBI | |
| D44 | Net Loan Opening | 403.00 | 403.00 | 403.00 | 0.00 | 0.00 | SBI | |
| D44 | add: Drawal(s) during the year | 0 | | | | | | |
| D44 | Less: Repayment(s) during the year | 0.00 | 0.00 | 403.00 | 0.00 | 0.00 | SBI | |
| D44 | Net Loan Closing | 403.00 | 403.00 | 0.00 | 0.00 | 0.00 | SBI | |
| D44 | Average Net Loan | 403.00 | 403.00 | 201.50 | 0.00 | 0.00 | | |
| D44 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180695 | 8.000000 | SBI | |
| D44 | Interest on Loan Annualised | 35.71 | 33.25 | 16.62 | 0.00 | 0.00 | | |
| D45 | Loan-1 (Consortium of banks/FI) | | | | | | | |
| D45 | Gross loan - Opening | 961.00 | 961.00 | 961.00 | 961.00 | 961.00 | UBI | |
| D45 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 961.00 | 961.00 | UBI | |
| D45 | Net Loan Opening | 961.00 | 961.00 | 961.00 | 0.00 | 0.00 | UBI | |
| D45 | add: Drawal(s) during the year | 0 | | | | | | |
| D45 | Less: Repayment(s) during the year | 0.00 | 0.00 | 961.00 | 0.00 | 0.00 | UBI | |
| D45 | Net Loan Closing | 961.00 | 961.00 | 0.00 | 0.00 | 0.00 | UBI | |
| D45 | Average Net Loan | 961.00 | 961.00 | 480.50 | 0.00 | 0.00 | | |
| D45 | Rate of Interest on loan on annual basis | 8.599180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI | |
| D45 | Interest on Loan Annualised | 82.04 | 85.15 | 39.64 | 0.00 | 0.00 | | |
| D46 | Loan-1 (Consortium of banks/FI) | | | | | | | |
| D46 | Gross loan - Opening | 1922.00 | 1922.00 | 1922.00 | 1922.00 | 1922.00 | Canara | |
| D46 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 1922.00 | 1922.00 | 1922.00 | Canara | |
| D46 | Net Loan Opening | 1922.00 | 1922.00 | 0.00 | 0.00 | 0.00 | Canara | |
| D46 | add: Drawal(s) during the year | 0 | | | | | | |
| D46 | Less: Repayment(s) during the year | 0.00 | 1922.00 | 0.00 | 0.00 | 0.00 | Canara | |
| D46 | Net Loan Closing | 1922.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara | |
| D46 | Average Net Loan | 1922.00 | 961.00 | 0.00 | 0.00 | 0.00 | | |
| D46 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can | |
| D46 | Interest on Loan Annualised | 170.29 | 79.28 | 0.00 | 0.00 | 0.00 | | |
| D47 | Loan-1 (Consortium of banks/FI) | | | | | | | |
| D47 | Gross loan - Opening | 1714.00 | 1714.00 | 1714.00 | 1714.00 | 1714.00 | IIFCL | |
| D47 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | IIFCL | |
| D47 | Net Loan Opening | 1714.00 | 1714.00 | 1714.00 | 1714.00 | 1713.60 | IIFCL | |
| D47 | add: Drawal(s) during the year | 0 | | | | | | |
| D47 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.40 | 1713.60 | IIFCL | |
| D47 | Net Loan Closing | 1714.00 | 1714.00 | 1714.00 | 1713.60 | 0.00 | IIFCL | |
| D47 | Average Net Loan | 1714.00 | 1714.00 | 1714.00 | 1713.80 | 856.80 | | |
| D47 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF | |
| D47 | Interest on Loan Annualised | 157.28 | 153.08 | 142.26 | 138.04 | 68.54 | | |
| D48 | Loan-1 (Consortium of banks/FI) | | | | | | | |

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

Chaturvedi

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanli Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No. | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D48 | Gross loan - Opening | 961.00 | 961.00 | 961.00 | 961.00 | 961.00 | UBI |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 961.00 | 961.00 | UBI |
| D48 | Net Loan Opening | 961.00 | 961.00 | 961.00 | 0.00 | 0.00 | UBI |
| D48 | add: Drawal(s) during the year | 0.00 | 0.00 | 961.00 | 0.00 | 0.00 | UBI |
| D48 | Less: Repayment(s) during the year | 961.00 | 961.00 | 0.00 | 0.00 | 0.00 | UBI |
| D48 | Net Loan Closing | 961.00 | 961.00 | 480.50 | 0.00 | 0.00 | |
| D48 | Average Net Loan | 8.599180 | 8.881781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D48 | Rate of Interest on loan on annual basis | 82.84 | 85.18 | 39.64 | 0.00 | 0.00 | |
| D48 | Interest on Loan Annualised | | | | | | |
| D49 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D49 | Gross loan - Opening | 2903.00 | 2903.00 | 2903.00 | 2903.00 | 2903.00 | SBI |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 2903.00 | 2903.00 | SBI |
| D49 | Net Loan Opening | 2903.00 | 2903.00 | 2903.00 | 0.00 | 0.00 | SBI |
| D49 | add: Drawal(s) during the year | 0.00 | 0.00 | 2903.00 | 0.00 | 0.00 | SBI |
| D49 | Less: Repayment(s) during the year | 2903.00 | 2903.00 | 0.00 | 0.00 | 0.00 | SBI |
| D49 | Net Loan Closing | 2903.00 | 2903.00 | 1451.50 | 0.00 | 0.00 | |
| D49 | Average Net Loan | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D49 | Rate of Interest on loan on annual basis | 257.21 | 239.50 | 119.75 | 0.00 | 0.00 | |
| D49 | Interest on Loan Annualised | | | | | | |
| D50 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D50 | Gross loan - Opening | 23.74 | 23.74 | 23.74 | 23.74 | 23.74 | Canara |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 23.74 | 23.74 | 23.74 | Canara |
| D50 | Net Loan Opening | 23.74 | 23.74 | 0.00 | 0.00 | 0.00 | Canara |
| D50 | add: Drawal(s) during the year | 0.00 | 23.74 | 0.00 | 0.00 | 0.00 | Canara |
| D50 | Less: Repayment(s) during the year | 23.74 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D50 | Net Loan Closing | 23.74 | 11.97 | 0.00 | 0.00 | 0.00 | |
| D50 | Average Net Loan | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D50 | Rate of Interest on loan on annual basis | 2.10 | 0.66 | 0.00 | 0.00 | 0.00 | |
| D50 | Interest on Loan Annualised | | | | | | |
| D51 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D51 | Gross loan - Opening | 422.00 | 422.00 | 422.00 | 422.00 | 422.00 | Canara |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 422.00 | 422.00 | 422.00 | Canara |
| D51 | Net Loan Opening | 422.00 | 422.00 | 0.00 | 0.00 | 0.00 | Canara |
| D51 | add: Drawal(s) during the year | 0.00 | 422.00 | 0.00 | 0.00 | 0.00 | Canara |
| D51 | Less: Repayment(s) during the year | 422.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D51 | Net Loan Closing | 422.00 | 211.00 | 0.00 | 0.00 | 0.00 | |
| D51 | Average Net Loan | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D51 | Rate of Interest on loan on annual basis | 37.39 | 17.41 | 0.00 | 0.00 | 0.00 | |
| D51 | Interest on Loan Annualised | | | | | | |
| D52 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D52 | Gross loan - Opening | 63.77 | 63.77 | 63.77 | 63.77 | 63.77 | Canara |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 63.77 | 63.77 | 63.77 | Canara |
| D52 | Net Loan Opening | 63.77 | 63.77 | -0.01 | -0.01 | -0.01 | Canara |
| D52 | add: Drawal(s) during the year | 0.00 | 63.77 | 0.00 | 0.00 | 0.00 | Canara |
| D52 | Less: Repayment(s) during the year | 63.77 | -0.01 | -0.01 | -0.01 | -0.01 | Canara |
| D52 | Net Loan Closing | 63.77 | 31.88 | -0.01 | -0.01 | -0.01 | |
| D52 | Average Net Loan | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D52 | Rate of Interest on loan on annual basis | 8.06 | 2.83 | 0.00 | 0.00 | 0.00 | |
| D52 | Interest on Loan Annualised | | | | | | |
| D53 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D53 | Gross loan - Opening | 1714.00 | 1714.00 | 1714.00 | 1714.00 | 1714.00 | IIFCL |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D53 | Net Loan Opening | 1714.00 | 1714.00 | 1714.00 | 1714.00 | 1714.00 | IIFCL |
| D53 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1714.00 | IIFCL |
| D53 | Less: Repayment(s) during the year | 1714.00 | 1714.00 | 1714.00 | 1714.00 | 0.00 | IIFCL |
| D53 | Net Loan Closing | 1714.00 | 1714.00 | 1714.00 | 1714.00 | 857.00 | |
| D53 | Average Net Loan | 9.175137 | 8.930137 | 8.299853 | 8.054658 | 8.000000 | IIF |
| D53 | Rate of Interest on loan on annual basis | 157.26 | 153.08 | 142.26 | 138.06 | 68.58 | |
| D53 | Interest on Loan Annualised | | | | | | |
| D54 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D54 | Gross loan - Opening | 71.40 | 71.40 | 71.40 | 71.40 | 71.40 | Canara |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 71.40 | 71.40 | 71.40 | Canara |
| D54 | Net Loan Opening | 71.40 | 71.40 | 0.00 | 0.00 | 0.00 | Canara |
| D54 | add: Drawal(s) during the year | 0.00 | 71.40 | 0.00 | 0.00 | 0.00 | Canara |
| D54 | Less: Repayment(s) during the year | 71.40 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D54 | Net Loan Closing | 71.40 | 0.00 | 0.00 | 0.00 | 0.00 | |

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

| Calculation of Weighted Average Rate of Interest on Actual Loans | | | | | | | |
|--|---|---|----------|----------|----------|----------|--------|
| Name of the Petitioner | | NTPC Limited (Formerly Kantil Bijlee Utpadan Nigam Limited) | | | | | |
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x186 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| Sl. No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D54 | Average Net Loan | 71.40 | 35.70 | 0.00 | 0.00 | 0.00 | |
| D54 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D54 | Interest on Loan Annualised | 6.33 | 2.95 | 0.00 | 0.00 | 0.00 | |
| D55 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D55 | Gross loan - Opening | 228.00 | 228.00 | 228.00 | 228.00 | 228.00 | Canara |
| D55 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 228.00 | 228.00 | 228.00 | Canara |
| D55 | Net Loan Opening | 228.00 | 228.00 | 0.00 | 0.00 | 0.00 | Canara |
| D55 | add: Drawal(s) during the year | 0 | 0 | 0.00 | 0.00 | 0.00 | Canara |
| D55 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D55 | Net Loan Closing | 228.00 | 228.00 | 0.00 | 0.00 | 0.00 | |
| D55 | Average Net Loan | 228.00 | 114.00 | 0.00 | 0.00 | 0.00 | |
| D55 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D55 | Interest on Loan Annualised | 20.20 | 9.41 | 0.00 | 0.00 | 0.00 | |
| D56 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D56 | Gross loan - Opening | 2115.00 | 2115.00 | 2115.00 | 2115.00 | 2115.00 | UBI |
| D56 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 178.75 | 2115.00 | UBI |
| D56 | Net Loan Opening | 2115.00 | 2115.00 | 2115.00 | 1936.25 | 0.00 | UBI |
| D56 | add: Drawal(s) during the year | 0 | 0 | 178.75 | 1936.25 | 0.00 | UBI |
| D56 | Less: Repayment(s) during the year | 0.00 | 0.00 | 1936.25 | 0.00 | 0.00 | UBI |
| D56 | Net Loan Closing | 2115.00 | 2115.00 | 2025.50 | 868.13 | 0.00 | |
| D56 | Average Net Loan | 2115.00 | 2115.00 | 2025.50 | 868.13 | 0.00 | |
| D56 | Rate of Interest on loan on annual basis | 8.599180 | 8.861791 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D56 | Interest on Loan Annualised | 181.87 | 197.43 | 167.11 | 77.98 | 0.00 | |
| D57 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D57 | Gross loan - Opening | 262.75 | 262.75 | 262.75 | 262.75 | 262.75 | Canara |
| D57 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 262.75 | 262.75 | 262.75 | Canara |
| D57 | Net Loan Opening | 262.75 | 262.75 | 0.00 | 0.00 | 0.00 | Canara |
| D57 | add: Drawal(s) during the year | 0 | 0 | 0.00 | 0.00 | 0.00 | Canara |
| D57 | Less: Repayment(s) during the year | 0.00 | 262.75 | 0.00 | 0.00 | 0.00 | Canara |
| D57 | Net Loan Closing | 262.75 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D57 | Average Net Loan | 262.75 | 131.38 | 0.00 | 0.00 | 0.00 | |
| D57 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D57 | Interest on Loan Annualised | 23.28 | 10.94 | 0.00 | 0.00 | 0.00 | |
| D58 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D58 | Gross loan - Opening | 2887.00 | 2887.00 | 2887.00 | 2887.00 | 2887.00 | SBI |
| D58 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 2887.00 | 2887.00 | SBI |
| D58 | Net Loan Opening | 2887.00 | 2887.00 | 2887.00 | 0.00 | 0.00 | SBI |
| D58 | add: Drawal(s) during the year | 0 | 0 | 2887.00 | 0.00 | 0.00 | SBI |
| D58 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D58 | Net Loan Closing | 2887.00 | 2887.00 | 1443.50 | 0.00 | 0.00 | |
| D58 | Average Net Loan | 2887.00 | 2887.00 | 1443.50 | 0.00 | 0.00 | |
| D58 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D58 | Interest on Loan Annualised | 256.79 | 238.18 | 119.09 | 0.00 | 0.00 | |
| D59 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D59 | Gross loan - Opening | 480.97 | 480.97 | 480.97 | 480.97 | 480.97 | Canara |
| D59 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 383.31 | 480.97 | 480.97 | Canara |
| D59 | Net Loan Opening | 480.97 | 480.97 | 97.66 | 0.00 | 0.00 | Canara |
| D59 | add: Drawal(s) during the year | 0 | 0 | 97.66 | 0.00 | 0.00 | Canara |
| D59 | Less: Repayment(s) during the year | 0.00 | 383.31 | 0.00 | 0.00 | 0.00 | Canara |
| D59 | Net Loan Closing | 480.97 | 97.66 | 0.00 | 0.00 | 0.00 | |
| D59 | Average Net Loan | 480.97 | 289.32 | 48.63 | 0.00 | 0.00 | |
| D59 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D59 | Interest on Loan Annualised | 42.81 | 23.87 | 4.03 | 0.00 | 0.00 | |
| D60 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D60 | Gross loan - Opening | 3770.00 | 3770.00 | 3770.00 | 3770.00 | 3770.00 | IIFCL |
| D60 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D60 | Net Loan Opening | 3770.00 | 3770.00 | 3770.00 | 3770.00 | 3770.00 | IIFCL |
| D60 | add: Drawal(s) during the year | 0 | 0 | 0.00 | 0.00 | 3770.00 | IIFCL |
| D60 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D60 | Net Loan Closing | 3770.00 | 3770.00 | 3770.00 | 3770.00 | 1885.00 | |
| D60 | Average Net Loan | 3770.00 | 3770.00 | 3770.00 | 3770.00 | 1885.00 | |
| D60 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D60 | Interest on Loan Annualised | 345.90 | 338.67 | 312.90 | 303.66 | 150.90 | |
| D61 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D61 | Gross loan - Opening | 80.23 | 80.23 | 80.23 | 80.23 | 80.23 | Canara |

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

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| Sl No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D61 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 80.23 | 80.23 | Canara |
| D61 | Net Loan Opening | 80.23 | 80.23 | 80.23 | 0.00 | 0.00 | Canara |
| D61 | add: Drawal(s) during the year | 0 | | | | | |
| D61 | Less: Repayment(s) during the year | 0.00 | 0.00 | 80.23 | 0.00 | 0.00 | Canara |
| D61 | Net Loan Closing | 80.23 | 80.23 | 0.00 | 0.00 | 0.00 | Canara |
| D61 | Average Net Loan | 80.23 | 80.23 | 40.12 | 0.00 | 0.00 | |
| D61 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D61 | Interest on Loan Annualised | 7.11 | 6.62 | 3.31 | 0.00 | 0.00 | |
| D62 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D62 | Gross loan - Opening | 136.57 | 136.57 | 136.57 | 136.57 | 136.57 | Canara |
| D62 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 136.57 | 136.57 | Canara |
| D62 | Net Loan Opening | 136.57 | 136.57 | 136.57 | 0.00 | 0.00 | Canara |
| D62 | add: Drawal(s) during the year | 0 | | | | | |
| D62 | Less: Repayment(s) during the year | 0.00 | 0.00 | 136.57 | 0.00 | 0.00 | Canara |
| D62 | Net Loan Closing | 136.57 | 136.57 | 0.00 | 0.00 | 0.00 | Canara |
| D62 | Average Net Loan | 136.57 | 136.57 | 68.29 | 0.00 | 0.00 | |
| D62 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D62 | Interest on Loan Annualised | 12.10 | 11.27 | 6.83 | 0.00 | 0.00 | |
| D63 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D63 | Gross loan - Opening | 597.00 | 597.00 | 597.00 | 597.00 | 597.00 | Canara |
| D63 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 597.00 | 597.00 | Canara |
| D63 | Net Loan Opening | 597.00 | 597.00 | 597.00 | 0.00 | 0.00 | Canara |
| D63 | add: Drawal(s) during the year | 0 | | | | | |
| D63 | Less: Repayment(s) during the year | 0.00 | 0.00 | 597.00 | 0.00 | 0.00 | Canara |
| D63 | Net Loan Closing | 597.00 | 597.00 | 0.00 | 0.00 | 0.00 | Canara |
| D63 | Average Net Loan | 597.00 | 597.00 | 298.50 | 0.00 | 0.00 | |
| D63 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D63 | Interest on Loan Annualised | 52.89 | 49.25 | 24.53 | 0.00 | 0.00 | |
| D64 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D64 | Gross loan - Opening | 3858.08 | 3858.08 | 3858.08 | 3858.08 | 3858.08 | Canara |
| D64 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 3858.08 | 3858.08 | Canara |
| D64 | Net Loan Opening | 3858.08 | 3858.08 | 3858.08 | 0.00 | 0.00 | Canara |
| D64 | add: Drawal(s) during the year | 0 | | | | | |
| D64 | Less: Repayment(s) during the year | 0.00 | 0.00 | 3858.08 | 0.00 | 0.00 | Canara |
| D64 | Net Loan Closing | 3858.08 | 3858.08 | 0.00 | 0.00 | 0.00 | Canara |
| D64 | Average Net Loan | 3858.08 | 3858.08 | 1929.04 | 0.00 | 0.00 | |
| D64 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D64 | Interest on Loan Annualised | 341.93 | 318.29 | 159.15 | 0.00 | 0.00 | |
| D65 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D65 | Gross loan - Opening | 822.49 | 822.49 | 822.49 | 822.49 | 822.49 | Canara |
| D65 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 822.49 | 822.49 | Canara |
| D65 | Net Loan Opening | 822.49 | 822.49 | 822.49 | 0.00 | 0.00 | Canara |
| D65 | add: Drawal(s) during the year | 0 | | | | | |
| D65 | Less: Repayment(s) during the year | 0.00 | 0.00 | 822.49 | 0.00 | 0.00 | Canara |
| D65 | Net Loan Closing | 822.49 | 822.49 | 0.00 | 0.00 | 0.00 | Canara |
| D65 | Average Net Loan | 822.49 | 822.49 | 411.24 | 0.00 | 0.00 | |
| D65 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D65 | Interest on Loan Annualised | 72.87 | 67.86 | 33.93 | 0.00 | 0.00 | |
| D66 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D66 | Gross loan - Opening | 822.49 | 822.49 | 822.49 | 822.49 | 822.49 | Canara |
| D66 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 69.07 | 822.49 | Canara |
| D66 | Net Loan Opening | 822.49 | 822.49 | 822.49 | 753.42 | 0.00 | Canara |
| D66 | add: Drawal(s) during the year | 0 | | | | | |
| D66 | Less: Repayment(s) during the year | 0.00 | 0.00 | 69.07 | 753.42 | 0.00 | Canara |
| D66 | Net Loan Closing | 822.49 | 822.49 | 753.42 | 0.00 | 0.00 | Canara |
| D66 | Average Net Loan | 822.49 | 822.49 | 787.95 | 376.71 | 0.00 | |
| D66 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D66 | Interest on Loan Annualised | 72.87 | 67.86 | 65.01 | 30.34 | 0.00 | |
| D67 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D67 | Gross loan - Opening | 2563.00 | 2563.00 | 2563.00 | 2563.00 | 2563.00 | Canara |
| D67 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 2563.00 | Canara |
| D67 | Net Loan Opening | 2563.00 | 2563.00 | 2563.00 | 2563.00 | 0.00 | Canara |
| D67 | add: Drawal(s) during the year | 0 | | | | | |
| D67 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 2563.00 | 0.00 | Canara |
| D67 | Net Loan Closing | 2563.00 | 2563.00 | 2563.00 | 0.00 | 0.00 | Canara |
| D67 | Average Net Loan | 2563.00 | 2563.00 | 2563.00 | 1281.50 | 0.00 | |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI

अधीन महाप्रबन्धक (वाणिज्यिक)

Addl. General Manager (Commercial)

67 एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, NOIDA-201301


Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanli Bilje Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|---|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| SL No | Loan | | | | | | |
| D67 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D67 | Interest on Loan Annualised | 227.08 | 211.45 | 211.45 | 103.22 | 0.00 | |
| D68 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D68 | Gross loan - Opening | 1281.00 | 1281.00 | 1281.00 | 1281.00 | 1281.00 | UBI |
| D68 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 955.75 | UBI |
| D68 | Net Loan Opening | 1281.00 | 1281.00 | 1281.00 | 1281.00 | 325.25 | UBI |
| D68 | add: Drawal(s) during the year | 0 | 0 | 0 | 955.75 | 325.25 | UBI |
| D68 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D68 | Net Loan Closing | 1281.00 | 1281.00 | 1281.00 | 325.25 | 162.63 | UBI |
| D68 | Average Net Loan | 1281.00 | 1281.00 | 1281.00 | 803.13 | | |
| D68 | Rate of Interest on loan on annual basis | 8.599190 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D68 | Interest on Loan Annualised | 110.16 | 113.52 | 105.69 | 64.89 | 13.01 | |
| D69 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D69 | Gross loan - Opening | 3871.00 | 3871.00 | 3871.00 | 3871.00 | 3871.00 | SBI |
| D69 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 377.61 | 3871.00 | SBI |
| D69 | Net Loan Opening | 3871.00 | 3871.00 | 3871.00 | 3493.39 | 0.00 | SBI |
| D69 | add: Drawal(s) during the year | 0 | 0 | 377.61 | 3493.39 | 0.00 | SBI |
| D69 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D69 | Net Loan Closing | 3871.00 | 3871.00 | 3871.00 | 1746.70 | 0.00 | |
| D69 | Average Net Loan | 3871.00 | 3871.00 | 3682.23 | | | |
| D69 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180686 | 8.000000 | SBI |
| D69 | Interest on Loan Annualised | 342.97 | 319.36 | 303.78 | 142.89 | 0.00 | |
| D70 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D70 | Gross loan - Opening | 2285.00 | 2285.00 | 2285.00 | 2285.00 | 2285.00 | IIFCL |
| D70 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D70 | Net Loan Opening | 2285.00 | 2285.00 | 2285.00 | 2285.00 | 2285.00 | IIFCL |
| D70 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 2285.00 | IIFCL |
| D70 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D70 | Net Loan Closing | 2285.00 | 2285.00 | 2285.00 | 2285.00 | 1142.50 | |
| D70 | Average Net Loan | 2285.00 | 2285.00 | 2285.00 | 2285.00 | | |
| D70 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IF |
| D70 | Interest on Loan Annualised | 209.85 | 204.05 | 189.65 | 194.06 | 91.40 | |
| D71 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D71 | Gross loan - Opening | 2000.00 | 2000.00 | 2000.00 | 2000.00 | 2000.00 | SBI |
| D71 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 2000.00 | SBI |
| D71 | Net Loan Opening | 2000.00 | 2000.00 | 2000.00 | 2000.00 | 0.00 | SBI |
| D71 | add: Drawal(s) during the year | 0 | 0 | 0 | 2000.00 | 0.00 | SBI |
| D71 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D71 | Net Loan Closing | 2000.00 | 2000.00 | 2000.00 | 1000.00 | 0.00 | |
| D71 | Average Net Loan | 2000.00 | 2000.00 | 2000.00 | | | |
| D71 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180686 | 8.000000 | SBI |
| D71 | Interest on Loan Annualised | 177.20 | 165.00 | 186.00 | 81.81 | 0.00 | |
| D72 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D72 | Gross loan - Opening | 1500.00 | 1500.00 | 1500.00 | 1500.00 | 1500.00 | SBI |
| D72 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 1500.00 | SBI |
| D72 | Net Loan Opening | 1500.00 | 1500.00 | 1500.00 | 1500.00 | 0.00 | SBI |
| D72 | add: Drawal(s) during the year | 0 | 0 | 0 | 1500.00 | 0.00 | SBI |
| D72 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D72 | Net Loan Closing | 1500.00 | 1500.00 | 1500.00 | 750.00 | 0.00 | |
| D72 | Average Net Loan | 1500.00 | 1500.00 | 1500.00 | | | |
| D72 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180686 | 8.000000 | SBI |
| D72 | Interest on Loan Annualised | 132.90 | 123.75 | 123.75 | 61.36 | 0.00 | |
| D73 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D73 | Gross loan - Opening | 159.90 | 159.90 | 159.90 | 159.90 | 159.90 | Canara |
| D73 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 159.90 | Canara |
| D73 | Net Loan Opening | 159.90 | 159.90 | 159.90 | 159.90 | 0.00 | Canara |
| D73 | add: Drawal(s) during the year | 0 | 0 | 0 | 159.90 | 0.00 | Canara |
| D73 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D73 | Net Loan Closing | 159.90 | 159.90 | 159.90 | 79.95 | 0.00 | |
| D73 | Average Net Loan | 159.90 | 159.90 | 159.90 | | | |
| D73 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D73 | Interest on Loan Annualised | 14.17 | 13.19 | 13.19 | 6.44 | 0.00 | |
| D74 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D74 | Gross loan - Opening | 2129.00 | 2129.00 | 2129.00 | 2129.00 | 2129.00 | SBI |

प्राशान्त चतुर्वेदी (Prashant Chaturvedi)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड / NTPC LIMITED
 68 EOC, A-8A, Sector-24, NOIDA-201301

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No. | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D74 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 1517.29 | SBI |
| D74 | Net Loan Opening | 2129.00 | 2129.00 | 2129.00 | 2129.00 | 611.71 | SBI |
| D74 | add: Drawal(s) during the year | 0 | | | | | |
| D74 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 1517.29 | 511.71 | SBI |
| D74 | Net Loan Closing | 2129.00 | 2129.00 | 2129.00 | 611.71 | 0.00 | SBI |
| D74 | Average Net Loan | 2129.00 | 2129.00 | 2129.00 | 1370.36 | 305.89 | |
| D74 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D74 | Interest on Loan Annualised | 188.53 | 175.64 | 175.64 | 112.10 | 24.47 | |
| D75 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D75 | Gross loan - Opening | 57.43 | 57.43 | 57.43 | 57.43 | 57.43 | Canara |
| D75 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 57.43 | Canara |
| D75 | Net Loan Opening | 57.43 | 57.43 | 57.43 | 57.43 | 0.00 | Canara |
| D75 | add: Drawal(s) during the year | 0 | | | | | |
| D75 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 57.43 | 0.00 | Canara |
| D75 | Net Loan Closing | 57.43 | 57.43 | 57.43 | 0.00 | 0.00 | Canara |
| D75 | Average Net Loan | 57.43 | 57.43 | 57.43 | 28.72 | 0.00 | |
| D75 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D75 | Interest on Loan Annualised | 5.09 | 4.74 | 4.74 | 2.31 | 0.00 | |
| D76 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D76 | Gross loan - Opening | 1409.00 | 1409.00 | 1409.00 | 1409.00 | 1409.00 | Canara |
| D76 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 1409.00 | Canara |
| D76 | Net Loan Opening | 1409.00 | 1409.00 | 1409.00 | 1409.00 | 0.00 | Canara |
| D76 | add: Drawal(s) during the year | 0 | | | | | |
| D76 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 1409.00 | 0.00 | Canara |
| D76 | Net Loan Closing | 1409.00 | 1409.00 | 1409.00 | 0.00 | 0.00 | Canara |
| D76 | Average Net Loan | 1409.00 | 1409.00 | 1409.00 | 704.50 | 0.00 | |
| D76 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D76 | Interest on Loan Annualised | 124.84 | 115.24 | 115.24 | 58.75 | 0.00 | |
| D77 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D77 | Gross loan - Opening | 705.00 | 705.00 | 705.00 | 705.00 | 705.00 | UBI |
| D77 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D77 | Net Loan Opening | 705.00 | 705.00 | 705.00 | 705.00 | 705.00 | UBI |
| D77 | add: Drawal(s) during the year | 0 | | | | | |
| D77 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 705.00 | UBI |
| D77 | Net Loan Closing | 705.00 | 705.00 | 705.00 | 705.00 | 0.00 | UBI |
| D77 | Average Net Loan | 705.00 | 705.00 | 705.00 | 705.00 | 352.50 | |
| D77 | Rate of Interest on loan on annual basis | 8.899180 | 8.061781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D77 | Interest on Loan Annualised | 63.62 | 62.48 | 63.18 | 60.79 | 28.20 | |
| D78 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D78 | Gross loan - Opening | 1257.00 | 1257.00 | 1257.00 | 1257.00 | 1257.00 | IIFCL |
| D78 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D78 | Net Loan Opening | 1257.00 | 1257.00 | 1257.00 | 1257.00 | 1257.00 | IIFCL |
| D78 | add: Drawal(s) during the year | 0 | | | | | |
| D78 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1257.00 | IIFCL |
| D78 | Net Loan Closing | 1257.00 | 1257.00 | 1257.00 | 1257.00 | 0.00 | IIFCL |
| D78 | Average Net Loan | 1257.00 | 1257.00 | 1257.00 | 1257.00 | 628.50 | |
| D78 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D78 | Interest on Loan Annualised | 115.33 | 112.28 | 104.33 | 101.25 | 50.28 | |
| D79 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D79 | Gross loan - Opening | 968.00 | 968.00 | 968.00 | 968.00 | 968.00 | SBI |
| D79 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D79 | Net Loan Opening | 968.00 | 968.00 | 968.00 | 968.00 | 968.00 | SBI |
| D79 | add: Drawal(s) during the year | 0 | | | | | |
| D79 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 968.00 | SBI |
| D79 | Net Loan Closing | 968.00 | 968.00 | 968.00 | 968.00 | 0.00 | SBI |
| D79 | Average Net Loan | 968.00 | 968.00 | 968.00 | 968.00 | 484.00 | |
| D79 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D79 | Interest on Loan Annualised | 85.77 | 79.96 | 79.86 | 79.19 | 38.72 | |
| D80 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D80 | Gross loan - Opening | 641.00 | 641.00 | 641.00 | 641.00 | 641.00 | Canara |
| D80 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 641.00 | Canara |
| D80 | Net Loan Opening | 641.00 | 641.00 | 641.00 | 641.00 | 0.00 | Canara |
| D80 | add: Drawal(s) during the year | 0 | | | | | |
| D80 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 641.00 | 0.00 | Canara |
| D80 | Net Loan Closing | 641.00 | 641.00 | 641.00 | 0.00 | 0.00 | Canara |
| D80 | Average Net Loan | 641.00 | 641.00 | 641.00 | 320.50 | 0.00 | |

प्रशान्त चतुर्वेदी / PRASHANT CHATURVEDI
 Addl. General Manager (Commercial)
 69 एी पी सी लिमिटेड / NTPC LIMITED
 EOC, A-8A, Sector-24, NOIDA-201301



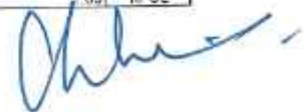
Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | Lender |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| SL No | Loan | | | | | | |
| D80 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D80 | Interest on Loan Annualised | 56.79 | 52.88 | 52.88 | 25.82 | 0.00 | |
| D81 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D81 | Gross loan - Opening | 320.00 | 320.00 | 320.00 | 320.00 | 320.00 | UBI |
| D81 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D81 | Net Loan Opening | 320.00 | 320.00 | 320.00 | 320.00 | 320.00 | UBI |
| D81 | add: Drawal(s) during the year | 0 | | | | | |
| D81 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 320.00 | UBI |
| D81 | Net Loan Closing | 320.00 | 320.00 | 320.00 | 320.00 | 160.00 | |
| D81 | Average Net Loan | | | | | 8.000000 | UBI |
| D81 | Rate of Interest on loan on annual basis | 8.599180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D81 | Interest on Loan Annualised | 27.52 | 28.36 | 26.40 | 25.77 | 12.80 | |
| D82 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D82 | Gross loan - Opening | 571.00 | 571.00 | 571.00 | 571.00 | 571.00 | IIFCL |
| D82 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D82 | Net Loan Opening | 571.00 | 571.00 | 571.00 | 571.00 | 571.00 | IIFCL |
| D82 | add: Drawal(s) during the year | 0 | | | | | |
| D82 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 571.00 | IIFCL |
| D82 | Net Loan Closing | 571.00 | 571.00 | 571.00 | 571.00 | 285.50 | |
| D82 | Average Net Loan | | | | | 8.000000 | IIF |
| D82 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.250000 | 8.054658 | 8.000000 | IIF |
| D82 | Interest on Loan Annualised | 52.39 | 50.99 | 47.39 | 45.99 | 22.64 | |
| D83 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D83 | Gross loan - Opening | 1935.00 | 1935.00 | 1935.00 | 1935.00 | 1935.00 | SBI |
| D83 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D83 | Net Loan Opening | 1935.00 | 1935.00 | 1935.00 | 1935.00 | 1935.00 | SBI |
| D83 | add: Drawal(s) during the year | 0 | | | | | |
| D83 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1935.00 | SBI |
| D83 | Net Loan Closing | 1935.00 | 1935.00 | 1935.00 | 1935.00 | 967.50 | |
| D83 | Average Net Loan | | | | | 8.000000 | SBI |
| D83 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180586 | 8.000000 | SBI |
| D83 | Interest on Loan Annualised | 171.44 | 159.84 | 159.84 | 158.30 | 77.40 | |
| D84 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D84 | Gross loan - Opening | 1281.00 | 1281.00 | 1281.00 | 1281.00 | 1281.00 | UBI |
| D84 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D84 | Net Loan Opening | 1281.00 | 1281.00 | 1281.00 | 1281.00 | 1281.00 | UBI |
| D84 | add: Drawal(s) during the year | 0 | | | | | |
| D84 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1281.00 | UBI |
| D84 | Net Loan Closing | 1281.00 | 1281.00 | 1281.00 | 1281.00 | 640.50 | |
| D84 | Average Net Loan | | | | | 8.000000 | UBI |
| D84 | Rate of Interest on loan on annual basis | 8.599180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D84 | Interest on Loan Annualised | 110.16 | 113.52 | 105.68 | 103.18 | 51.24 | |
| D85 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D85 | Gross loan - Opening | 641.00 | 641.00 | 641.00 | 641.00 | 641.00 | Canara |
| D85 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 47.84 | Canara |
| D85 | Net Loan Opening | 641.00 | 641.00 | 641.00 | 641.00 | 593.16 | Canara |
| D85 | add: Drawal(s) during the year | 0 | | | | | |
| D85 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 47.84 | 593.16 | Canara |
| D85 | Net Loan Closing | 641.00 | 641.00 | 641.00 | 593.16 | 288.58 | |
| D85 | Average Net Loan | | | | | 8.000000 | Can |
| D85 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D85 | Interest on Loan Annualised | 56.79 | 52.88 | 52.88 | 49.70 | 23.73 | |

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

| Calculation of Weighted Average Rate of Interest on Actual Loans | | | | | | | |
|--|---|---|----------|----------|----------|----------|--------|
| Name of the Petitioner | | NTPC Limited (Formerly Kantl Bijeel Upadan Nigam Limited) | | | | | |
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D86 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D86 | Gross loan - Opening | 1143.00 | 1143.00 | 1143.00 | 1143.00 | 1143.00 | IIFCL |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D86 | Net Loan Opening | 1143.00 | 1143.00 | 1143.00 | 1143.00 | 1143.00 | IIFCL |
| D86 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1143.00 | IIFCL |
| D86 | Less: Repayment(s) during the year | 1143.00 | 1143.00 | 1143.00 | 1143.00 | 0.00 | IIFCL |
| D86 | Net Loan Closing | 1143.00 | 1143.00 | 1143.00 | 1143.00 | 671.50 | |
| D86 | Average Net Loan | | | | | | |
| D86 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D86 | Interest on Loan Annualised | 104.87 | 102.07 | 94.87 | 92.06 | 45.72 | |
| D87 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D87 | Gross loan - Opening | 30.55 | 30.55 | 30.55 | 30.55 | 30.55 | SBI |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D87 | Net Loan Opening | 30.55 | 30.55 | 30.55 | 30.55 | 30.55 | SBI |
| D87 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 30.55 | SBI |
| D87 | Less: Repayment(s) during the year | 30.55 | 30.55 | 30.55 | 30.55 | 0.00 | SBI |
| D87 | Net Loan Closing | 30.55 | 30.55 | 30.55 | 30.55 | 15.28 | |
| D87 | Average Net Loan | | | | | | |
| D87 | Rate of Interest on loan on annual basis | 8.860109 | 8.260000 | 8.250000 | 8.180885 | 8.000000 | SBI |
| D87 | Interest on Loan Annualised | 2.71 | 2.52 | 2.52 | 2.50 | 1.22 | |
| D88 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D88 | Gross loan - Opening | 1935.00 | 1935.00 | 1935.00 | 1935.00 | 1935.00 | SBI |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D88 | Net Loan Opening | 1935.00 | 1935.00 | 1935.00 | 1935.00 | 1935.00 | SBI |
| D88 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1935.00 | SBI |
| D88 | Less: Repayment(s) during the year | 1935.00 | 1935.00 | 1935.00 | 1935.00 | 0.00 | SBI |
| D88 | Net Loan Closing | 1935.00 | 1935.00 | 1935.00 | 1935.00 | 967.50 | |
| D88 | Average Net Loan | | | | | | |
| D88 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180885 | 8.000000 | SBI |
| D88 | Interest on Loan Annualised | 171.44 | 159.64 | 159.64 | 158.30 | 77.40 | |
| D89 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D89 | Gross loan - Opening | 1281.00 | 1281.00 | 1281.00 | 1281.00 | 1281.00 | UBI |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D89 | Net Loan Opening | 1281.00 | 1281.00 | 1281.00 | 1281.00 | 1281.00 | UBI |
| D89 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1281.00 | UBI |
| D89 | Less: Repayment(s) during the year | 1281.00 | 1281.00 | 1281.00 | 1281.00 | 0.00 | UBI |
| D89 | Net Loan Closing | 1281.00 | 1281.00 | 1281.00 | 1281.00 | 640.50 | |
| D89 | Average Net Loan | | | | | | |
| D89 | Rate of Interest on loan on annual basis | 8.599180 | 8.661781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D89 | Interest on Loan Annualised | 110.16 | 113.62 | 106.88 | 103.18 | 51.24 | |
| D90 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D90 | Gross loan - Opening | 641.00 | 641.00 | 641.00 | 641.00 | 641.00 | Canara |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D90 | Net Loan Opening | 641.00 | 641.00 | 641.00 | 641.00 | 641.00 | Canara |
| D90 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 641.00 | Canara |
| D90 | Less: Repayment(s) during the year | 641.00 | 641.00 | 641.00 | 641.00 | 0.00 | Canara |
| D90 | Net Loan Closing | 641.00 | 641.00 | 641.00 | 641.00 | 320.50 | |
| D90 | Average Net Loan | | | | | | |
| D90 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D90 | Interest on Loan Annualised | 58.79 | 52.88 | 52.88 | 51.83 | 25.64 | |
| D91 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D91 | Gross loan - Opening | 1142.00 | 1142.00 | 1142.00 | 1142.00 | 1142.00 | IIFCL |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D91 | Net Loan Opening | 1142.00 | 1142.00 | 1142.00 | 1142.00 | 1142.00 | IIFCL |
| D91 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1142.00 | IIFCL |
| D91 | Less: Repayment(s) during the year | 1142.00 | 1142.00 | 1142.00 | 1142.00 | 0.00 | IIFCL |
| D91 | Net Loan Closing | 1142.00 | 1142.00 | 1142.00 | 1142.00 | 571.00 | |
| D91 | Average Net Loan | | | | | | |
| D91 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D91 | Interest on Loan Annualised | 104.78 | 101.98 | 94.78 | 91.98 | 45.58 | |
| D92 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D92 | Gross loan - Opening | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | IIFCL |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D92 | Net Loan Opening | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | IIFCL |
| D92 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D92 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |

प्रशान्त चतुर्वेदी / PRASHANT CHATURVEDI
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड / NTPC LIMITED
 E-7/A-8A, Sector-24, NOIDA-201301



Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x196 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D92 | Net Loan Closing | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | IIFCL |
| D92 | Average Net Loan | 1.00 | 1.00 | 1.00 | 1.00 | 0.30 | |
| D92 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D92 | Interest on Loan Annualised | 0.09 | 0.09 | 0.08 | 0.08 | 0.04 | |
| D93 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D93 | Gross loan - Opening | 15.71 | 15.71 | 15.71 | 15.71 | 15.71 | Canara |
| D93 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D93 | Net Loan Opening | 15.71 | 15.71 | 15.71 | 15.71 | 15.71 | Canara |
| D93 | add: Drawal(s) during the year | 0 | | | | | |
| D93 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 15.71 | Canara |
| D93 | Net Loan Closing | 15.71 | 15.71 | 15.71 | 15.71 | 0.00 | Canara |
| D93 | Average Net Loan | 15.71 | 15.71 | 15.71 | 15.71 | 7.86 | |
| D93 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D93 | Interest on Loan Annualised | 1.39 | 1.30 | 1.30 | 1.27 | 0.63 | |
| D94 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D94 | Gross loan - Opening | 1415.12 | 1415.12 | 1415.12 | 1415.12 | 1415.12 | SBI |
| D94 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D94 | Net Loan Opening | 1415.12 | 1415.12 | 1415.12 | 1415.12 | 1415.12 | SBI |
| D94 | add: Drawal(s) during the year | 0 | | | | | |
| D94 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1415.12 | SBI |
| D94 | Net Loan Closing | 1415.12 | 1415.12 | 1415.12 | 1415.12 | 0.00 | SBI |
| D94 | Average Net Loan | 1415.12 | 1415.12 | 1415.12 | 1415.12 | 707.56 | |
| D94 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180688 | 8.000000 | SBI |
| D94 | Interest on Loan Annualised | 125.38 | 116.75 | 116.75 | 115.77 | 56.50 | |
| D95 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D95 | Gross loan - Opening | 26.10 | 26.10 | 26.10 | 26.10 | 26.10 | SBI |
| D95 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D95 | Net Loan Opening | 26.10 | 26.10 | 26.10 | 26.10 | 26.10 | SBI |
| D95 | add: Drawal(s) during the year | 0 | | | | | |
| D95 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 26.10 | SBI |
| D95 | Net Loan Closing | 26.10 | 26.10 | 26.10 | 26.10 | 0.00 | SBI |
| D95 | Average Net Loan | 26.10 | 26.10 | 26.10 | 26.10 | 13.05 | |
| D95 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180688 | 8.000000 | SBI |
| D95 | Interest on Loan Annualised | 2.31 | 2.15 | 2.15 | 2.14 | 1.04 | |
| D96 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D96 | Gross loan - Opening | 2129.00 | 2129.00 | 2129.00 | 2129.00 | 2129.00 | SBI |
| D96 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D96 | Net Loan Opening | 2129.00 | 2129.00 | 2129.00 | 2129.00 | 2129.00 | SBI |
| D96 | add: Drawal(s) during the year | 0 | | | | | |
| D96 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 2129.00 | SBI |
| D96 | Net Loan Closing | 2129.00 | 2129.00 | 2129.00 | 2129.00 | 0.00 | SBI |
| D96 | Average Net Loan | 2129.00 | 2129.00 | 2129.00 | 2129.00 | 1064.50 | |
| D96 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180688 | 8.000000 | SBI |
| D96 | Interest on Loan Annualised | 188.63 | 175.64 | 175.64 | 174.17 | 65.15 | |
| D97 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D97 | Gross loan - Opening | 77.43 | 77.43 | 77.43 | 77.43 | 77.43 | Canara |
| D97 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D97 | Net Loan Opening | 77.43 | 77.43 | 77.43 | 77.43 | 77.43 | Canara |
| D97 | add: Drawal(s) during the year | 0 | | | | | |
| D97 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 77.43 | Canara |
| D97 | Net Loan Closing | 77.43 | 77.43 | 77.43 | 77.43 | 0.00 | Canara |
| D97 | Average Net Loan | 77.43 | 77.43 | 77.43 | 77.43 | 38.71 | |
| D97 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D97 | Interest on Loan Annualised | 6.86 | 6.39 | 6.39 | 6.24 | 3.10 | |
| D98 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D98 | Gross loan - Opening | 705.00 | 705.00 | 705.00 | 705.00 | 705.00 | UBI |
| D98 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D98 | Net Loan Opening | 705.00 | 705.00 | 705.00 | 705.00 | 705.00 | UBI |
| D98 | add: Drawal(s) during the year | 0 | | | | | |
| D98 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 705.00 | UBI |
| D98 | Net Loan Closing | 705.00 | 705.00 | 705.00 | 705.00 | 0.00 | UBI |
| D98 | Average Net Loan | 705.00 | 705.00 | 705.00 | 705.00 | 352.50 | |
| D98 | Rate of Interest on loan on annual basis | 8.699180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D98 | Interest on Loan Annualised | 60.62 | 62.48 | 58.18 | 56.79 | 28.20 | |
| D99 | Loan-1 (Consortium of banks/FI) | | | | | | |

प्रशान्त चतुर्वेदी / PRASHANT CHATURVEDI
 Addl. General Manager (Commercial)
 एन टी पी लिमिटेड / NTPC LIMITED
 72C, A-8A, Sector-24, NOIDA-201301



Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| Sl. No. | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D99 | Gross loan - Opening | 5.70 | 5.70 | 5.70 | 5.70 | 5.70 | SBI |
| D99 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D99 | Net Loan Opening | 5.70 | 5.70 | 5.70 | 5.70 | 5.70 | SBI |
| D99 | add: Drawal(s) during the year | 0 | | | | | |
| D99 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 5.70 | SBI |
| D99 | Net Loan Closing | 5.70 | 5.70 | 5.70 | 5.70 | 0.00 | SBI |
| D99 | Average Net Loan | 5.70 | 5.70 | 5.70 | 5.70 | 2.85 | |
| D99 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D99 | Interest on Loan Annualised | 0.51 | 0.47 | 0.47 | 0.47 | 0.23 | |
| D100 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D100 | Gross loan - Opening | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | SBI |
| D100 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D100 | Net Loan Opening | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | SBI |
| D100 | add: Drawal(s) during the year | 0 | | | | | |
| D100 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 3.00 | SBI |
| D100 | Net Loan Closing | 3.00 | 3.00 | 3.00 | 3.00 | 0.00 | SBI |
| D100 | Average Net Loan | 3.00 | 3.00 | 3.00 | 3.00 | 1.50 | |
| D100 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D100 | Interest on Loan Annualised | 0.27 | 0.25 | 0.25 | 0.25 | 0.12 | |
| D101 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D101 | Gross loan - Opening | 1409.00 | 1409.00 | 1409.00 | 1409.00 | 1409.00 | Canara |
| D101 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D101 | Net Loan Opening | 1409.00 | 1409.00 | 1409.00 | 1409.00 | 1409.00 | Canara |
| D101 | add: Drawal(s) during the year | 0 | | | | | |
| D101 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1409.00 | Canara |
| D101 | Net Loan Closing | 1409.00 | 1409.00 | 1409.00 | 1409.00 | 0.00 | Canara |
| D101 | Average Net Loan | 1409.00 | 1409.00 | 1409.00 | 1409.00 | 704.50 | |
| D101 | Rate of Interest on loan on annual basis | 8.860109 | 8.260000 | 8.250000 | 8.064658 | 8.000000 | Can |
| D101 | Interest on Loan Annualised | 124.84 | 116.24 | 116.24 | 113.49 | 55.38 | |
| D102 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D102 | Gross loan - Opening | 111.18 | 111.18 | 111.18 | 111.18 | 111.18 | Canara |
| D102 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D102 | Net Loan Opening | 111.18 | 111.18 | 111.18 | 111.18 | 111.18 | Canara |
| D102 | add: Drawal(s) during the year | 0 | | | | | |
| D102 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 111.18 | Canara |
| D102 | Net Loan Closing | 111.18 | 111.18 | 111.18 | 111.18 | 0.00 | Canara |
| D102 | Average Net Loan | 111.18 | 111.18 | 111.18 | 111.18 | 55.59 | |
| D102 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.064658 | 8.000000 | Can |
| D102 | Interest on Loan Annualised | 9.85 | 9.17 | 9.17 | 8.95 | 4.45 | |
| D103 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D103 | Gross loan - Opening | 1257.00 | 1257.00 | 1257.00 | 1257.00 | 1257.00 | IIFCL |
| D103 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D103 | Net Loan Opening | 1257.00 | 1257.00 | 1257.00 | 1257.00 | 1257.00 | IIFCL |
| D103 | add: Drawal(s) during the year | 0 | | | | | |
| D103 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1257.00 | IIFCL |
| D103 | Net Loan Closing | 1257.00 | 1257.00 | 1257.00 | 1257.00 | 0.00 | IIFCL |
| D103 | Average Net Loan | 1257.00 | 1257.00 | 1257.00 | 1257.00 | 628.50 | |
| D103 | Rate of Interest on loan on annual basis | 9.176137 | 8.930137 | 8.299863 | 8.064658 | 8.000000 | IIF |
| D103 | Interest on Loan Annualised | 115.35 | 112.25 | 104.33 | 101.25 | 50.28 | |
| D104 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D104 | Gross loan - Opening | 37.20 | 37.20 | 37.20 | 37.20 | 37.20 | Canara |
| D104 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D104 | Net Loan Opening | 37.20 | 37.20 | 37.20 | 37.20 | 37.20 | Canara |
| D104 | add: Drawal(s) during the year | 0 | | | | | |
| D104 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 37.20 | Canara |
| D104 | Net Loan Closing | 37.20 | 37.20 | 37.20 | 37.20 | 0.00 | Canara |
| D104 | Average Net Loan | 37.20 | 37.20 | 37.20 | 37.20 | 18.60 | |
| D104 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.064658 | 8.000000 | Can |
| D104 | Interest on Loan Annualised | 3.30 | 3.07 | 3.07 | 3.00 | 1.49 | |
| D105 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D105 | Gross loan - Opening | 89.92 | 89.92 | 89.92 | 89.92 | 89.92 | Canara |
| D105 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D105 | Net Loan Opening | 89.92 | 89.92 | 89.92 | 89.92 | 89.92 | Canara |
| D105 | add: Drawal(s) during the year | 0 | | | | | |
| D105 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 89.92 | Canara |
| D105 | Net Loan Closing | 89.92 | 89.92 | 89.92 | 89.92 | 0.00 | Canara |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
 Addl. General Manager (Commercial)
 73^{री} पी पी सी लिमिटेड/NTPC LIMITED
 EOC, A-9A, Sector-24, NOIDA-201301

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanli Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan _{in} | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D105 | Average Net Loan | 89.92 | 89.92 | 89.92 | 89.92 | 44.96 | |
| D105 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D105 | Interest on Loan Annualised | 7.97 | 7.42 | 7.42 | 7.24 | 3.60 | |
| D106 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D106 | Gross loan - Opening | 131.22 | 131.22 | 131.22 | 131.22 | 131.22 | SBI |
| D106 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D106 | Net Loan Opening | 131.22 | 131.22 | 131.22 | 131.22 | 131.22 | SBI |
| D106 | add: Drawal(s) during the year | 0 | 0 | 0.00 | 0.00 | 131.22 | SBI |
| D106 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D106 | Net Loan Closing | 131.22 | 131.22 | 131.22 | 131.22 | 65.61 | |
| D106 | Average Net Loan | 131.22 | 131.22 | 131.22 | 131.22 | 65.61 | |
| D106 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D106 | Interest on Loan Annualised | 11.63 | 10.83 | 10.83 | 10.73 | 5.25 | |
| D107 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D107 | Gross loan - Opening | 9.00 | 9.00 | 9.00 | 9.00 | 9.00 | SBI |
| D107 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D107 | Net Loan Opening | 9.00 | 9.00 | 9.00 | 9.00 | 9.00 | SBI |
| D107 | add: Drawal(s) during the year | 0 | 0 | 0.00 | 0.00 | 9.00 | SBI |
| D107 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D107 | Net Loan Closing | 9.00 | 9.00 | 9.00 | 9.00 | 4.50 | |
| D107 | Average Net Loan | 9.00 | 9.00 | 9.00 | 9.00 | 4.50 | |
| D107 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D107 | Interest on Loan Annualised | 0.80 | 0.74 | 0.74 | 0.74 | 0.36 | |
| D108 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D108 | Gross loan - Opening | 2012.50 | 2012.50 | 2012.50 | 2012.50 | 2012.50 | SBI |
| D108 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D108 | Net Loan Opening | 2012.50 | 2012.50 | 2012.50 | 2012.50 | 2012.50 | SBI |
| D108 | add: Drawal(s) during the year | 0 | 0 | 0.00 | 0.00 | 2012.50 | SBI |
| D108 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D108 | Net Loan Closing | 2012.50 | 2012.50 | 2012.50 | 2012.50 | 1006.25 | |
| D108 | Average Net Loan | 2012.50 | 2012.50 | 2012.50 | 2012.50 | 1006.25 | |
| D108 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D108 | Interest on Loan Annualised | 178.31 | 166.03 | 166.03 | 164.64 | 80.50 | |
| D109 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D109 | Gross loan - Opening | 2665.00 | 2665.00 | 2665.00 | 2665.00 | 2665.00 | Canara |
| D109 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D109 | Net Loan Opening | 2665.00 | 2665.00 | 2665.00 | 2665.00 | 2665.00 | Canara |
| D109 | add: Drawal(s) during the year | 0 | 0 | 0.00 | 0.00 | 2665.00 | Canara |
| D109 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D109 | Net Loan Closing | 2665.00 | 2665.00 | 2665.00 | 2665.00 | 1332.50 | |
| D109 | Average Net Loan | 2665.00 | 2665.00 | 2665.00 | 2665.00 | 1332.50 | |
| D109 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D109 | Interest on Loan Annualised | 236.12 | 219.66 | 219.66 | 214.66 | 106.60 | |
| D110 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D110 | Gross loan - Opening | 1333.00 | 1333.00 | 1333.00 | 1333.00 | 1333.00 | UBI |
| D110 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D110 | Net Loan Opening | 1333.00 | 1333.00 | 1333.00 | 1333.00 | 1333.00 | UBI |
| D110 | add: Drawal(s) during the year | 0 | 0 | 0.00 | 0.00 | 1333.00 | UBI |
| D110 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D110 | Net Loan Closing | 1333.00 | 1333.00 | 1333.00 | 1333.00 | 666.50 | |
| D110 | Average Net Loan | 1333.00 | 1333.00 | 1333.00 | 1333.00 | 666.50 | |
| D110 | Rate of Interest on loan on annual basis | 8.599180 | 8.261781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D110 | Interest on Loan Annualised | 114.63 | 118.13 | 109.97 | 107.37 | 63.32 | |
| D-111 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-111 | Gross loan - Opening | 2376.00 | 2376.00 | 2376.00 | 2376.00 | 2376.00 | IIFCL |
| D-111 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D-111 | Net Loan Opening | 2376.00 | 2376.00 | 2376.00 | 2376.00 | 2376.00 | IIFCL |
| D-111 | add: Drawal(s) during the year | 0 | 0 | 0.00 | 0.00 | 2376.00 | IIFCL |
| D-111 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D-111 | Net Loan Closing | 2376.00 | 2376.00 | 2376.00 | 2376.00 | 1188.00 | |
| D-111 | Average Net Loan | 2376.00 | 2376.00 | 2376.00 | 2376.00 | 1188.00 | |
| D-111 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D-111 | Interest on Loan Annualised | 218.00 | 212.18 | 197.20 | 191.38 | 95.04 | |
| D-112 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-112 | Gross loan - Opening | 84.33 | 84.33 | 84.33 | 84.33 | 84.33 | Canara |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
 अपर महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड/NTPC LIMITED
 74C, A-8A, Sector-24, NOIDA-201301

Chaturvedi

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Biji Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D-112 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-112 | Net Loan Opening | 84.33 | 84.33 | 84.33 | 84.33 | 84.33 | Canara |
| D-112 | add: Drawal(s) during the year | 0 | | | | | |
| D-112 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 84.33 | Canara |
| D-112 | Net Loan Closing | 84.33 | 84.33 | 84.33 | 84.33 | 0.00 | Canara |
| D-112 | Average Net Loan | 84.33 | 84.33 | 84.33 | 84.33 | 42.17 | |
| D-112 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-112 | Interest on Loan Annualised | 7.47 | 6.99 | 6.96 | 6.70 | 3.37 | |
| D-113 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-113 | Gross loan - Opening | 20.07 | 20.07 | 20.07 | 20.07 | 20.07 | Canara |
| D-113 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-113 | Net Loan Opening | 20.07 | 20.07 | 20.07 | 20.07 | 20.07 | Canara |
| D-113 | add: Drawal(s) during the year | 0 | | | | | |
| D-113 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 20.07 | Canara |
| D-113 | Net Loan Closing | 20.07 | 20.07 | 20.07 | 20.07 | 0.00 | Canara |
| D-113 | Average Net Loan | 20.07 | 20.07 | 20.07 | 20.07 | 10.04 | |
| D-113 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-113 | Interest on Loan Annualised | 1.78 | 1.68 | 1.68 | 1.82 | 0.90 | |
| D-114 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-114 | Gross loan - Opening | 18.60 | 18.60 | 18.60 | 18.60 | 18.60 | SBI |
| D-114 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-114 | Net Loan Opening | 18.60 | 18.60 | 18.60 | 18.60 | 18.60 | SBI |
| D-114 | add: Drawal(s) during the year | 0 | | | | | |
| D-114 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 18.60 | SBI |
| D-114 | Net Loan Closing | 18.60 | 18.60 | 18.60 | 18.60 | 0.00 | SBI |
| D-114 | Average Net Loan | 18.60 | 18.60 | 18.60 | 18.60 | 9.30 | |
| D-114 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.100685 | 8.000000 | SBI |
| D-114 | Interest on Loan Annualised | 1.65 | 1.53 | 1.53 | 1.52 | 0.74 | |
| D-115 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-115 | Gross loan - Opening | 57.02 | 57.02 | 57.02 | 57.02 | 57.02 | Canara |
| D-115 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-115 | Net Loan Opening | 57.02 | 57.02 | 57.02 | 57.02 | 57.02 | Canara |
| D-115 | add: Drawal(s) during the year | 0 | | | | | |
| D-115 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 57.02 | Canara |
| D-115 | Net Loan Closing | 57.02 | 57.02 | 57.02 | 57.02 | 0.00 | Canara |
| D-115 | Average Net Loan | 57.02 | 57.02 | 57.02 | 57.02 | 28.51 | |
| D-115 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-115 | Interest on Loan Annualised | 5.05 | 4.70 | 4.70 | 4.69 | 2.28 | |
| D-116 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-116 | Gross loan - Opening | 2012.50 | 2012.50 | 2012.50 | 2012.50 | 2012.50 | SBI |
| D-116 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-116 | Net Loan Opening | 2012.50 | 2012.50 | 2012.50 | 2012.50 | 2012.50 | SBI |
| D-116 | add: Drawal(s) during the year | 0 | | | | | |
| D-116 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 2012.50 | SBI |
| D-116 | Net Loan Closing | 2012.50 | 2012.50 | 2012.50 | 2012.50 | 0.00 | SBI |
| D-116 | Average Net Loan | 2012.50 | 2012.50 | 2012.50 | 2012.50 | 1006.25 | |
| D-116 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-116 | Interest on Loan Annualised | 178.31 | 168.03 | 168.03 | 164.64 | 83.60 | |
| D-117 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-117 | Gross loan - Opening | 1519.00 | 1519.00 | 1519.00 | 1519.00 | 1519.00 | UBI |
| D-117 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D-117 | Net Loan Opening | 1519.00 | 1519.00 | 1519.00 | 1519.00 | 1519.00 | UBI |
| D-117 | add: Drawal(s) during the year | 0 | | | | | |
| D-117 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1519.00 | UBI |
| D-117 | Net Loan Closing | 1519.00 | 1519.00 | 1519.00 | 1519.00 | 0.00 | UBI |
| D-117 | Average Net Loan | 1519.00 | 1519.00 | 1519.00 | 1519.00 | 759.50 | |
| D-117 | Rate of Interest on loan on annual basis | 8.599180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D-117 | Interest on Loan Annualised | 130.62 | 134.81 | 125.32 | 122.38 | 80.78 | |
| D-118 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-118 | Gross loan - Opening | 4591.00 | 4591.00 | 4591.00 | 4591.00 | 4591.00 | SBI |
| D-118 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-118 | Net Loan Opening | 4591.00 | 4591.00 | 4591.00 | 4591.00 | 4591.00 | SBI |
| D-118 | add: Drawal(s) during the year | 0 | | | | | |
| D-118 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 4591.00 | SBI |
| D-118 | Net Loan Closing | 4591.00 | 4591.00 | 4591.00 | 4591.00 | 0.00 | SBI |
| D-118 | Average Net Loan | 4591.00 | 4591.00 | 4591.00 | 4591.00 | 2295.50 | |

प्रशान्त चतुर्वेदी / PRASHANT CHATURVEDI
 Addl. General Manager (Commercial)
 एन 75 का सी लिमिटेड / NTPC LIMITED
 EOC, A-8A, Sector-24, NOIDA-201301



Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kantil Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|---|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D-118 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-118 | Interest on Loan Annualised | 405.77 | 378.78 | 378.75 | 375.58 | 183.64 | |
| D-119 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-119 | Gross loan - Opening | 3040.00 | 3040.00 | 3040.00 | 3040.00 | 3040.00 | Canara |
| D-119 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-119 | Net Loan Opening | 3040.00 | 3040.00 | 3040.00 | 3040.00 | 3040.00 | Canara |
| D-119 | add: Drawal(s) during the year | 0 | | | | | |
| D-119 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 3040.00 | Canara |
| D-119 | Net Loan Closing | 3040.00 | 3040.00 | 3040.00 | 3040.00 | 0.00 | Canara |
| D-119 | Average Net Loan | 3040.00 | 3040.00 | 3040.00 | 3040.00 | 1520.00 | |
| D-119 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-119 | Interest on Loan Annualised | 269.35 | 250.80 | 250.80 | 244.86 | 121.60 | |
| D-120 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-120 | Gross loan - Opening | 2710.00 | 2710.00 | 2710.00 | 2710.00 | 2710.00 | IIFCL |
| D-120 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D-120 | Net Loan Opening | 2710.00 | 2710.00 | 2710.00 | 2710.00 | 2710.00 | IIFCL |
| D-120 | add: Drawal(s) during the year | 0 | | | | | |
| D-120 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 2710.00 | IIFCL |
| D-120 | Net Loan Closing | 2710.00 | 2710.00 | 2710.00 | 2710.00 | 0.00 | IIFCL |
| D-120 | Average Net Loan | 2710.00 | 2710.00 | 2710.00 | 2710.00 | 1355.00 | |
| D-120 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D-120 | Interest on Loan Annualised | 248.65 | 242.01 | 224.93 | 218.28 | 108.40 | |
| D-121 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-121 | Gross loan - Opening | 63.57 | 63.57 | 63.57 | 63.57 | 63.57 | SBI |
| D-121 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-121 | Net Loan Opening | 63.57 | 63.57 | 63.57 | 63.57 | 63.57 | SBI |
| D-121 | add: Drawal(s) during the year | 0 | | | | | |
| D-121 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 63.57 | SBI |
| D-121 | Net Loan Closing | 63.57 | 63.57 | 63.57 | 63.57 | 0.00 | SBI |
| D-121 | Average Net Loan | 63.57 | 63.57 | 63.57 | 63.57 | 31.78 | |
| D-121 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-121 | Interest on Loan Annualised | 5.63 | 5.24 | 5.24 | 5.20 | 2.54 | |
| D-122 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-122 | Gross loan - Opening | 2848.00 | 2848.00 | 2848.00 | 2848.00 | 2848.00 | SBI |
| D-122 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-122 | Net Loan Opening | 2848.00 | 2848.00 | 2848.00 | 2848.00 | 2848.00 | SBI |
| D-122 | add: Drawal(s) during the year | 0 | | | | | |
| D-122 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 2848.00 | SBI |
| D-122 | Net Loan Closing | 2848.00 | 2848.00 | 2848.00 | 2848.00 | 0.00 | SBI |
| D-122 | Average Net Loan | 2848.00 | 2848.00 | 2848.00 | 2848.00 | 1424.00 | |
| D-122 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-122 | Interest on Loan Annualised | 252.34 | 234.86 | 234.99 | 232.99 | 113.92 | |
| D-123 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-123 | Gross loan - Opening | 943.00 | 943.00 | 943.00 | 943.00 | 943.00 | UBI |
| D-123 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D-123 | Net Loan Opening | 943.00 | 943.00 | 943.00 | 943.00 | 943.00 | UBI |
| D-123 | add: Drawal(s) during the year | 0 | | | | | |
| D-123 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 943.00 | UBI |
| D-123 | Net Loan Closing | 943.00 | 943.00 | 943.00 | 943.00 | 0.00 | UBI |
| D-123 | Average Net Loan | 943.00 | 943.00 | 943.00 | 943.00 | 471.50 | |
| D-123 | Rate of Interest on loan on annual basis | 8.699180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D-123 | Interest on Loan Annualised | 81.09 | 83.57 | 77.80 | 75.98 | 37.72 | |
| D-124 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-124 | Gross loan - Opening | 14.40 | 14.40 | 14.40 | 14.40 | 14.40 | SBI |
| D-124 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-124 | Net Loan Opening | 14.40 | 14.40 | 14.40 | 14.40 | 14.40 | SBI |
| D-124 | add: Drawal(s) during the year | 0 | | | | | |
| D-124 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 14.40 | SBI |
| D-124 | Net Loan Closing | 14.40 | 14.40 | 14.40 | 14.40 | 0.00 | SBI |
| D-124 | Average Net Loan | 14.40 | 14.40 | 14.40 | 14.40 | 7.20 | |
| D-124 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-124 | Interest on Loan Annualised | 1.28 | 1.19 | 1.19 | 1.18 | 0.68 | |
| D-125 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-125 | Gross loan - Opening | 24.58 | 24.58 | 24.58 | 24.58 | 24.58 | Canara |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI

अपर महाप्रबन्धक (वाणिज्यिक)

Addl. General Manager (Commercial)

एन टी पी सी लिमिटेड/NTPC LIMITED

EOC, A-8A, Sector-24, NOIDA-201301

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| Sl No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D-125 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-125 | Net Loan Opening | 24.58 | 24.58 | 24.58 | 24.58 | 24.58 | Canara |
| D-125 | add: Drawal(s) during the year | 0 | | | | | |
| D-125 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 24.58 | Canara |
| D-125 | Net Loan Closing | 24.58 | 24.58 | 24.58 | 24.58 | 0.00 | Canara |
| D-125 | Average Net Loan | 24.58 | 24.58 | 24.58 | 24.58 | 12.29 | |
| D-125 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-125 | Interest on Loan Annualised | 2.18 | 2.03 | 2.03 | 1.99 | 0.98 | |
| D-126 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-126 | Gross loan - Opening | 1886.00 | 1886.00 | 1886.00 | 1886.00 | 1886.00 | Canara |
| D-126 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-126 | Net Loan Opening | 1886.00 | 1886.00 | 1886.00 | 1886.00 | 1886.00 | Canara |
| D-126 | add: Drawal(s) during the year | 0 | | | | | |
| D-126 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1886.00 | Canara |
| D-126 | Net Loan Closing | 1886.00 | 1886.00 | 1886.00 | 1886.00 | 0.00 | Canara |
| D-126 | Average Net Loan | 1886.00 | 1886.00 | 1886.00 | 1886.00 | 943.00 | |
| D-126 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-126 | Interest on Loan Annualised | 167.10 | 155.60 | 155.60 | 151.91 | 75.44 | |
| D-127 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-127 | Gross loan - Opening | 16.80 | 16.80 | 16.80 | 16.80 | 16.80 | SBI |
| D-127 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-127 | Net Loan Opening | 16.80 | 16.80 | 16.80 | 16.80 | 16.80 | SBI |
| D-127 | add: Drawal(s) during the year | 0 | | | | | |
| D-127 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 16.80 | SBI |
| D-127 | Net Loan Closing | 16.80 | 16.80 | 16.80 | 16.80 | 0.00 | SBI |
| D-127 | Average Net Loan | 16.80 | 16.80 | 16.80 | 16.80 | 8.40 | |
| D-127 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180686 | 8.000000 | SBI |
| D-127 | Interest on Loan Annualised | 1.49 | 1.39 | 1.39 | 1.37 | 0.67 | |
| D-128 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-128 | Gross loan - Opening | 1681.00 | 1681.00 | 1681.00 | 1681.00 | 1681.00 | IIFCL |
| D-128 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D-128 | Net Loan Opening | 1681.00 | 1681.00 | 1681.00 | 1681.00 | 1681.00 | IIFCL |
| D-128 | add: Drawal(s) during the year | 0 | | | | | |
| D-128 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1681.00 | IIFCL |
| D-128 | Net Loan Closing | 1681.00 | 1681.00 | 1681.00 | 1681.00 | 0.00 | IIFCL |
| D-128 | Average Net Loan | 1681.00 | 1681.00 | 1681.00 | 1681.00 | 840.50 | |
| D-128 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D-128 | Interest on Loan Annualised | 154.23 | 150.12 | 139.52 | 135.40 | 67.24 | |
| D-129 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-129 | Gross loan - Opening | 4297.00 | 4297.00 | 4297.00 | 4297.00 | 4297.00 | SBI |
| D-129 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-129 | Net Loan Opening | 4297.00 | 4297.00 | 4297.00 | 4297.00 | 4297.00 | SBI |
| D-129 | add: Drawal(s) during the year | 0 | | | | | |
| D-129 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 4297.00 | SBI |
| D-129 | Net Loan Closing | 4297.00 | 4297.00 | 4297.00 | 4297.00 | 0.00 | SBI |
| D-129 | Average Net Loan | 4297.00 | 4297.00 | 4297.00 | 4297.00 | 2148.50 | |
| D-129 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180686 | 8.000000 | SBI |
| D-129 | Interest on Loan Annualised | 380.72 | 354.50 | 354.50 | 351.52 | 171.88 | |
| D-130 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-130 | Gross loan - Opening | 1422.00 | 1422.00 | 1422.00 | 1422.00 | 1422.00 | UBI |
| D-130 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D-130 | Net Loan Opening | 1422.00 | 1422.00 | 1422.00 | 1422.00 | 1422.00 | UBI |
| D-130 | add: Drawal(s) during the year | 0 | | | | | |
| D-130 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1422.00 | UBI |
| D-130 | Net Loan Closing | 1422.00 | 1422.00 | 1422.00 | 1422.00 | 0.00 | UBI |
| D-130 | Average Net Loan | 1422.00 | 1422.00 | 1422.00 | 1422.00 | 711.00 | |
| D-130 | Rate of Interest on loan on annual basis | 8.599180 | 8.851781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D-130 | Interest on Loan Annualised | 122.28 | 126.01 | 117.32 | 114.54 | 58.88 | |
| D-131 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-131 | Gross loan - Opening | 40.99 | 40.99 | 40.99 | 40.99 | 40.99 | Canara |
| D-131 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-131 | Net Loan Opening | 40.99 | 40.99 | 40.99 | 40.99 | 40.99 | Canara |
| D-131 | add: Drawal(s) during the year | 0 | | | | | |
| D-131 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 40.99 | Canara |
| D-131 | Net Loan Closing | 40.99 | 40.99 | 40.99 | 40.99 | 0.00 | Canara |

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

| Calculation of Weighted Average Rate of Interest on Actual Loans | | | | | | | |
|--|---|--|----------|----------|----------|----------|--------|
| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D-131 | Average Net Loan | 40.99 | 40.99 | 40.99 | 40.99 | 20.49 | |
| D-131 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-131 | Interest on Loan Annualised | 3.63 | 3.38 | 3.38 | 3.30 | 1.64 | |
| D-132 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-132 | Gross loan - Opening | 2845.00 | 2845.00 | 2845.00 | 2845.00 | 2845.00 | Canara |
| D-132 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-132 | Net Loan Opening | 2845.00 | 2845.00 | 2845.00 | 2845.00 | 2845.00 | Canara |
| D-132 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 2845.00 | Canara |
| D-132 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-132 | Net Loan Closing | 2845.00 | 2845.00 | 2845.00 | 2845.00 | 1422.50 | |
| D-132 | Average Net Loan | 2845.00 | 2845.00 | 2845.00 | 2845.00 | 1422.50 | |
| D-132 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-132 | Interest on Loan Annualised | 252.07 | 234.71 | 234.71 | 229.16 | 113.80 | |
| D-133 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-133 | Gross loan - Opening | 2536.00 | 2536.00 | 2536.00 | 2536.00 | 2536.00 | IIFCL |
| D-133 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D-133 | Net Loan Opening | 2536.00 | 2536.00 | 2536.00 | 2536.00 | 2536.00 | IIFCL |
| D-133 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 2536.00 | IIFCL |
| D-133 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D-133 | Net Loan Closing | 2536.00 | 2536.00 | 2536.00 | 2536.00 | 1288.00 | |
| D-133 | Average Net Loan | 2536.00 | 2536.00 | 2536.00 | 2536.00 | 1288.00 | |
| D-133 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D-133 | Interest on Loan Annualised | 232.88 | 226.47 | 210.48 | 204.27 | 131.44 | |
| D-134 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-134 | Gross loan - Opening | 5806.00 | 5806.00 | 5806.00 | 5806.00 | 5806.00 | SBI |
| D-134 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-134 | Net Loan Opening | 5806.00 | 5806.00 | 5806.00 | 5806.00 | 5806.00 | SBI |
| D-134 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 5806.00 | SBI |
| D-134 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-134 | Net Loan Closing | 5806.00 | 5806.00 | 5806.00 | 5806.00 | 2903.00 | |
| D-134 | Average Net Loan | 5806.00 | 5806.00 | 5806.00 | 5806.00 | 2903.00 | |
| D-134 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180686 | 8.000000 | SBI |
| D-134 | Interest on Loan Annualised | 514.42 | 479.00 | 479.00 | 474.97 | 232.24 | |
| D-135 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-135 | Gross loan - Opening | 1922.00 | 1922.00 | 1922.00 | 1922.00 | 1922.00 | Canara |
| D-135 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-135 | Net Loan Opening | 1922.00 | 1922.00 | 1922.00 | 1922.00 | 1922.00 | Canara |
| D-135 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 1922.00 | Canara |
| D-135 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-135 | Net Loan Closing | 1922.00 | 1922.00 | 1922.00 | 1922.00 | 981.00 | |
| D-135 | Average Net Loan | 1922.00 | 1922.00 | 1922.00 | 1922.00 | 981.00 | |
| D-135 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-135 | Interest on Loan Annualised | 170.29 | 158.57 | 156.57 | 154.81 | 76.88 | |
| D-136 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-136 | Gross loan - Opening | 3844.00 | 3844.00 | 3844.00 | 3844.00 | 3844.00 | Canara |
| D-136 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-136 | Net Loan Opening | 3844.00 | 3844.00 | 3844.00 | 3844.00 | 3844.00 | Canara |
| D-136 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 3844.00 | Canara |
| D-136 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-136 | Net Loan Closing | 3844.00 | 3844.00 | 3844.00 | 3844.00 | 1922.00 | |
| D-136 | Average Net Loan | 3844.00 | 3844.00 | 3844.00 | 3844.00 | 1922.00 | |
| D-136 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-136 | Interest on Loan Annualised | 340.58 | 317.13 | 317.13 | 308.82 | 153.76 | |
| D-137 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-137 | Gross loan - Opening | 114.78 | 114.78 | 114.78 | 114.78 | 114.78 | Canara |
| D-137 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-137 | Net Loan Opening | 114.78 | 114.78 | 114.78 | 114.78 | 114.78 | Canara |
| D-137 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 114.78 | Canara |
| D-137 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-137 | Net Loan Closing | 114.78 | 114.78 | 114.78 | 114.78 | 57.39 | |
| D-137 | Average Net Loan | 114.78 | 114.78 | 114.78 | 114.78 | 57.39 | |
| D-137 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-137 | Interest on Loan Annualised | 10.17 | 9.47 | 9.47 | 9.25 | 4.69 | |
| D-138 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-138 | Gross loan - Opening | 3428.00 | 3428.00 | 3428.00 | 3428.00 | 3428.00 | IIFCL |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
 अपर महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड/NTPC LIMITED
 EOC, A-8A, Sector-24, NOIDA-201304

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D-138 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D-138 | Net Loan Opening | 3428.00 | 3428.00 | 3428.00 | 3428.00 | 3428.00 | IIFCL |
| D-138 | add: Drawal(s) during the year | 0 | | | | | |
| D-138 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 3428.00 | IIFCL |
| D-138 | Net Loan Closing | 3428.00 | 3428.00 | 3428.00 | 3428.00 | 0.00 | IIFCL |
| D-138 | Average Net Loan | 3428.00 | 3428.00 | 3428.00 | 3428.00 | 1714.00 | |
| D-138 | Rate of Interest on loan on annual basis | 8.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D-138 | Interest on Loan Annualised | 314.52 | 308.13 | 284.52 | 276.11 | 137.12 | |
| D-139 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-139 | Gross loan - Opening | 2.64 | 2.64 | 2.64 | 2.64 | 2.64 | Canara |
| D-139 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-139 | Net Loan Opening | 2.64 | 2.64 | 2.64 | 2.64 | 2.64 | Canara |
| D-139 | add: Drawal(s) during the year | 0 | | | | | |
| D-139 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 2.64 | Canara |
| D-139 | Net Loan Closing | 2.64 | 2.64 | 2.64 | 2.64 | 0.00 | Canara |
| D-139 | Average Net Loan | 2.64 | 2.64 | 2.64 | 2.54 | 1.32 | |
| D-139 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-139 | Interest on Loan Annualised | 0.23 | 0.22 | 0.22 | 0.21 | 0.11 | |
| D-140 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-140 | Gross loan - Opening | 102.37 | 102.37 | 102.37 | 102.37 | 102.37 | Canara |
| D-140 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-140 | Net Loan Opening | 102.37 | 102.37 | 102.37 | 102.37 | 102.37 | Canara |
| D-140 | add: Drawal(s) during the year | 0 | | | | | |
| D-140 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 102.37 | Canara |
| D-140 | Net Loan Closing | 102.37 | 102.37 | 102.37 | 102.37 | 0.00 | Canara |
| D-140 | Average Net Loan | 102.37 | 102.37 | 102.37 | 102.37 | 51.18 | |
| D-140 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-140 | Interest on Loan Annualised | 9.07 | 8.45 | 8.45 | 8.25 | 4.09 | |
| D-141 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-141 | Gross loan - Opening | 3484.00 | 3484.00 | 3484.00 | 3484.00 | 3484.00 | SBI |
| D-141 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-141 | Net Loan Opening | 3484.00 | 3484.00 | 3484.00 | 3484.00 | 3484.00 | SBI |
| D-141 | add: Drawal(s) during the year | 0 | | | | | |
| D-141 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 3484.00 | SBI |
| D-141 | Net Loan Closing | 3484.00 | 3484.00 | 3484.00 | 3484.00 | 0.00 | SBI |
| D-141 | Average Net Loan | 3484.00 | 3484.00 | 3484.00 | 3484.00 | 1742.00 | |
| D-141 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.190085 | 8.000000 | SBI |
| D-141 | Interest on Loan Annualised | 308.89 | 287.43 | 297.43 | 285.02 | 139.36 | |
| D-142 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-142 | Gross loan - Opening | 1153.00 | 1153.00 | 1153.00 | 1153.00 | 1153.00 | UBI |
| D-142 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D-142 | Net Loan Opening | 1153.00 | 1153.00 | 1153.00 | 1153.00 | 1153.00 | UBI |
| D-142 | add: Drawal(s) during the year | 0 | | | | | |
| D-142 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1153.00 | UBI |
| D-142 | Net Loan Closing | 1153.00 | 1153.00 | 1153.00 | 1153.00 | 0.00 | UBI |
| D-142 | Average Net Loan | 1153.00 | 1153.00 | 1153.00 | 1153.00 | 576.50 | |
| D-142 | Rate of Interest on loan on annual basis | 8.599180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D-142 | Interest on Loan Annualised | 99.15 | 102.18 | 95.12 | 92.87 | 45.12 | |
| D-143 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-143 | Gross loan - Opening | 2057.00 | 2057.00 | 2057.00 | 2057.00 | 2057.00 | IIFCL |
| D-143 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D-143 | Net Loan Opening | 2057.00 | 2057.00 | 2057.00 | 2057.00 | 2057.00 | IIFCL |
| D-143 | add: Drawal(s) during the year | 0 | | | | | |
| D-143 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 2057.00 | IIFCL |
| D-143 | Net Loan Closing | 2057.00 | 2057.00 | 2057.00 | 2057.00 | 0.00 | IIFCL |
| D-143 | Average Net Loan | 2057.00 | 2057.00 | 2057.00 | 2057.00 | 1028.50 | |
| D-143 | Rate of Interest on loan on annual basis | 8.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D-143 | Interest on Loan Annualised | 168.73 | 183.69 | 170.73 | 165.68 | 82.28 | |
| D-144 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-144 | Gross loan - Opening | 2306.00 | 2306.00 | 2306.00 | 2306.00 | 2306.00 | Canara |
| D-144 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-144 | Net Loan Opening | 2306.00 | 2306.00 | 2306.00 | 2306.00 | 2306.00 | Canara |
| D-144 | add: Drawal(s) during the year | 0 | | | | | |
| D-144 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 2306.00 | Canara |
| D-144 | Net Loan Closing | 2306.00 | 2306.00 | 2306.00 | 2306.00 | 0.00 | Canara |
| D-144 | Average Net Loan | 2306.00 | 2306.00 | 2306.00 | 2306.00 | 1153.00 | |

प्रशान्त चतुर्वेदी / PRASHANT CHATURVEDI

अपम महसुसप्रबन्धक (वाणिज्यिक)

Addl. General Manager (Commercial)

एन टी पी सी लिमिटेड / NTPC LIMITED

EOC, A-8A, Sector-24, NOIDA-201301



Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D-144 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-144 | Interest on Loan Annualised | 204.51 | 190.25 | 190.25 | 185.74 | 92.24 | |
| D-145 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-145 | Gross loan - Opening | 11.75 | 11.75 | 11.75 | 11.75 | 11.75 | Canara |
| D-145 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-145 | Net Loan Opening | 11.75 | 11.75 | 11.75 | 11.75 | 11.75 | Canara |
| D-145 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 0 | |
| D-145 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-145 | Net Loan Closing | 11.75 | 11.75 | 11.75 | 11.75 | 11.75 | Canara |
| D-145 | Average Net Loan | 11.75 | 11.75 | 11.75 | 11.75 | 5.97 | |
| D-145 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-145 | Interest on Loan Annualised | 1.04 | 0.97 | 0.97 | 0.95 | 0.47 | |
| D-146 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-146 | Gross loan - Opening | 8.94 | 8.94 | 8.94 | 8.94 | 8.94 | Canara |
| D-146 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-146 | Net Loan Opening | 8.94 | 8.94 | 8.94 | 8.94 | 8.94 | Canara |
| D-146 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 0 | |
| D-146 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-146 | Net Loan Closing | 8.94 | 8.94 | 8.94 | 8.94 | 8.94 | Canara |
| D-146 | Average Net Loan | 8.94 | 8.94 | 8.94 | 8.94 | 4.47 | |
| D-146 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-146 | Interest on Loan Annualised | 0.79 | 0.74 | 0.74 | 0.72 | 0.36 | |
| D-147 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-147 | Gross loan - Opening | 4335.00 | 4335.00 | 4335.00 | 4335.00 | 4335.00 | SBI |
| D-147 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-147 | Net Loan Opening | 4335.00 | 4335.00 | 4335.00 | 4335.00 | 4335.00 | SBI |
| D-147 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 0 | |
| D-147 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-147 | Net Loan Closing | 4335.00 | 4335.00 | 4335.00 | 4335.00 | 4335.00 | SBI |
| D-147 | Average Net Loan | 4335.00 | 4335.00 | 4335.00 | 4335.00 | 2187.50 | |
| D-147 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180686 | 8.000000 | SBI |
| D-147 | Interest on Loan Annualised | 384.09 | 357.84 | 357.84 | 354.63 | 173.40 | |
| D-148 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-148 | Gross loan - Opening | 2870.00 | 2870.00 | 2870.00 | 2870.00 | 2870.00 | Canara |
| D-148 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-148 | Net Loan Opening | 2870.00 | 2870.00 | 2870.00 | 2870.00 | 2870.00 | Canara |
| D-148 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 0 | |
| D-148 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-148 | Net Loan Closing | 2870.00 | 2870.00 | 2870.00 | 2870.00 | 2870.00 | Canara |
| D-148 | Average Net Loan | 2870.00 | 2870.00 | 2870.00 | 2870.00 | 1435.00 | |
| D-148 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-148 | Interest on Loan Annualised | 254.29 | 236.78 | 236.78 | 231.17 | 114.80 | |
| D-149 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-149 | Gross loan - Opening | 1435.00 | 1435.00 | 1435.00 | 1435.00 | 1435.00 | UBI |
| D-149 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D-149 | Net Loan Opening | 1435.00 | 1435.00 | 1435.00 | 1435.00 | 1435.00 | UBI |
| D-149 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 0 | |
| D-149 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D-149 | Net Loan Closing | 1435.00 | 1435.00 | 1435.00 | 1435.00 | 1435.00 | UBI |
| D-149 | Average Net Loan | 1435.00 | 1435.00 | 1435.00 | 1435.00 | 717.50 | |
| D-149 | Rate of Interest on loan on annual basis | 8.595190 | 8.851781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D-149 | Interest on Loan Annualised | 123.40 | 127.17 | 119.39 | 115.58 | 57.40 | |
| D-150 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-150 | Gross loan - Opening | 2559.00 | 2559.00 | 2559.00 | 2559.00 | 2559.00 | IIFCL |
| D-150 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D-150 | Net Loan Opening | 2559.00 | 2559.00 | 2559.00 | 2559.00 | 2559.00 | IIFCL |
| D-150 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 0 | |
| D-150 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D-150 | Net Loan Closing | 2559.00 | 2559.00 | 2559.00 | 2559.00 | 2559.00 | IIFCL |
| D-150 | Average Net Loan | 2559.00 | 2559.00 | 2559.00 | 2559.00 | 1279.50 | |
| D-150 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D-150 | Interest on Loan Annualised | 234.79 | 228.52 | 212.39 | 206.12 | 102.36 | |
| D-151 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-151 | Gross loan - Opening | 36.78 | 36.78 | 36.78 | 36.78 | 36.78 | Canara |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड/NTPC LIMITED
 EOC, A-6A, Sector-24, NOIDA-201301

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanri Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| Sl No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lapder |
| D-151 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-151 | Net Loan Opening | 36.78 | 36.78 | 36.78 | 36.78 | 36.78 | Canara |
| D-151 | add: Drawal(s) during the year | 0 | | | | | |
| D-151 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 36.78 | Canara |
| D-151 | Net Loan Closing | 36.78 | 36.78 | 36.78 | 36.78 | 0.00 | Canara |
| D-151 | Average Net Loan | 36.78 | 36.78 | 36.78 | 36.78 | 18.39 | |
| D-151 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-151 | Interest on Loan Annualised | 3.26 | 3.03 | 3.03 | 2.96 | 1.47 | |
| D-152 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-152 | Gross loan - Opening | 106.52 | 106.52 | 106.52 | 106.52 | 106.52 | Canara |
| D-152 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-152 | Net Loan Opening | 106.52 | 106.52 | 106.52 | 106.52 | 106.52 | Canara |
| D-152 | add: Drawal(s) during the year | 0 | | | | | |
| D-152 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 106.52 | Canara |
| D-152 | Net Loan Closing | 106.52 | 106.52 | 106.52 | 106.52 | 0.00 | Canara |
| D-152 | Average Net Loan | 106.52 | 106.52 | 106.52 | 106.52 | 53.26 | |
| D-152 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-152 | Interest on Loan Annualised | 9.44 | 8.79 | 8.79 | 8.58 | 4.26 | |
| D-153 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-153 | Gross loan - Opening | 2.61 | 2.61 | 2.61 | 2.61 | 2.61 | Canara |
| D-153 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-153 | Net Loan Opening | 2.61 | 2.61 | 2.61 | 2.61 | 2.61 | Canara |
| D-153 | add: Drawal(s) during the year | 0 | | | | | |
| D-153 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 2.61 | Canara |
| D-153 | Net Loan Closing | 2.61 | 2.61 | 2.61 | 2.61 | 0.00 | Canara |
| D-153 | Average Net Loan | 2.61 | 2.61 | 2.61 | 2.61 | 1.31 | |
| D-153 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-153 | Interest on Loan Annualised | 0.23 | 0.22 | 0.22 | 0.21 | 0.10 | |
| D-154 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-154 | Gross loan - Opening | 57.58 | 57.58 | 57.58 | 57.58 | 57.58 | Canara |
| D-154 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-154 | Net Loan Opening | 57.58 | 57.58 | 57.58 | 57.58 | 57.58 | Canara |
| D-154 | add: Drawal(s) during the year | 0 | | | | | |
| D-154 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 57.58 | Canara |
| D-154 | Net Loan Closing | 57.58 | 57.58 | 57.58 | 57.58 | 0.00 | Canara |
| D-154 | Average Net Loan | 57.58 | 57.58 | 57.58 | 57.58 | 28.79 | |
| D-154 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-154 | Interest on Loan Annualised | 5.10 | 4.75 | 4.75 | 4.64 | 2.30 | |
| D-155 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-155 | Gross loan - Opening | 109.68 | 109.68 | 109.68 | 109.68 | 109.68 | Canara |
| D-155 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-155 | Net Loan Opening | 109.68 | 109.68 | 109.68 | 109.68 | 109.68 | Canara |
| D-155 | add: Drawal(s) during the year | 0 | | | | | |
| D-155 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 109.68 | Canara |
| D-155 | Net Loan Closing | 109.68 | 109.68 | 109.68 | 109.68 | 0.00 | Canara |
| D-155 | Average Net Loan | 109.68 | 109.68 | 109.68 | 109.68 | 54.84 | |
| D-155 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-155 | Interest on Loan Annualised | 9.72 | 9.05 | 9.05 | 8.83 | 4.39 | |
| D-156 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-156 | Gross loan - Opening | 9.05 | 9.05 | 9.05 | 9.05 | 9.05 | Canara |
| D-156 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-156 | Net Loan Opening | 9.05 | 9.05 | 9.05 | 9.05 | 9.05 | Canara |
| D-156 | add: Drawal(s) during the year | 0 | | | | | |
| D-156 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 9.05 | Canara |
| D-156 | Net Loan Closing | 9.05 | 9.05 | 9.05 | 9.05 | 0.00 | Canara |
| D-156 | Average Net Loan | 9.05 | 9.05 | 9.05 | 9.05 | 4.52 | |
| D-156 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-156 | Interest on Loan Annualised | 0.80 | 0.75 | 0.75 | 0.73 | 0.36 | |
| D-157 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-157 | Gross loan - Opening | 54.93 | 54.93 | 54.93 | 54.93 | 54.93 | Canara |
| D-157 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-157 | Net Loan Opening | 54.93 | 54.93 | 54.93 | 54.93 | 54.93 | Canara |
| D-157 | add: Drawal(s) during the year | 0 | | | | | |
| D-157 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 54.93 | Canara |
| D-157 | Net Loan Closing | 54.93 | 54.93 | 54.93 | 54.93 | 0.00 | Canara |
| D-157 | Average Net Loan | 54.93 | 54.93 | 54.93 | 54.93 | 27.46 | |
| D-157 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |

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

| Calculation of Weighted Average Rate of Interest on Actual Loans | | | | | | | |
|--|---|--|-----------------|-----------------|-----------------|-----------------|--------|
| Name of the Petitioner | | NTPC Limited (Formerly Kanli Bijlee Utpadan Nigam Limited) | | | | | |
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D-157 | Interest on Loan Annualised | 4.87 | 4.53 | 4.53 | 4.42 | 2.20 | |
| D-158 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-158 | Gross loan - Opening | 7.18 | 7.18 | 7.18 | 7.18 | 7.18 | Canara |
| D-158 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-158 | Net Loan Opening | 7.18 | 7.18 | 7.18 | 7.18 | 7.18 | Canara |
| D-158 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 0 | |
| D-158 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 7.18 | Canara |
| D-158 | Net Loan Closing | 7.18 | 7.18 | 7.18 | 7.18 | 0.00 | Canara |
| D-158 | Average Net Loan | 7.18 | 7.18 | 7.18 | 7.18 | 3.59 | |
| D-158 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-158 | Interest on Loan Annualised | 0.84 | 0.59 | 0.59 | 0.58 | 0.29 | |
| D-159 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-159 | Gross loan - Opening | 105.25 | 105.25 | 105.25 | 105.25 | 105.25 | Canara |
| D-159 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-159 | Net Loan Opening | 105.25 | 105.25 | 105.25 | 105.25 | 105.25 | Canara |
| D-159 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 0 | |
| D-159 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 105.25 | Canara |
| D-159 | Net Loan Closing | 105.25 | 105.25 | 105.25 | 105.25 | 0.00 | Canara |
| D-159 | Average Net Loan | 105.25 | 105.25 | 105.25 | 105.25 | 52.63 | |
| D-159 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-159 | Interest on Loan Annualised | 9.33 | 8.68 | 8.68 | 8.48 | 4.21 | |
| D-160 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-160 | Gross loan - Opening | 23.05 | 23.05 | 23.05 | 23.05 | 23.05 | Canara |
| D-160 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-160 | Net Loan Opening | 23.05 | 23.05 | 23.05 | 23.05 | 23.05 | Canara |
| D-160 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 0 | |
| D-160 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 23.05 | Canara |
| D-160 | Net Loan Closing | 23.05 | 23.05 | 23.05 | 23.05 | 0.00 | Canara |
| D-160 | Average Net Loan | 23.05 | 23.06 | 23.05 | 23.05 | 11.52 | |
| D-160 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-160 | Interest on Loan Annualised | 2.04 | 1.90 | 1.86 | 1.86 | 0.92 | |
| D-161 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-161 | Gross loan - Opening | 42.78 | 42.78 | 42.78 | 42.78 | 42.78 | Canara |
| D-161 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-161 | Net Loan Opening | 42.78 | 42.78 | 42.78 | 42.78 | 42.78 | Canara |
| D-161 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 0 | |
| D-161 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 42.78 | Canara |
| D-161 | Net Loan Closing | 42.78 | 42.78 | 42.78 | 42.78 | 0.00 | Canara |
| D-161 | Average Net Loan | 42.78 | 42.78 | 42.78 | 42.78 | 21.38 | |
| D-161 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-161 | Interest on Loan Annualised | 3.79 | 3.53 | 3.53 | 3.44 | 1.71 | |
| D-162 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-162 | Gross loan - Opening | 1424.00 | 1424.00 | 1424.00 | 1424.00 | 1424.00 | SBI |
| D-162 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-162 | Net Loan Opening | 1424.00 | 1424.00 | 1424.00 | 1424.00 | 1424.00 | SBI |
| D-162 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 0 | |
| D-162 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1424.00 | SBI |
| D-162 | Net Loan Closing | 1424.00 | 1424.00 | 1424.00 | 1424.00 | 0.00 | SBI |
| D-162 | Average Net Loan | 1424.00 | 1424.00 | 1424.00 | 1424.00 | 712.00 | |
| D-162 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.190686 | 8.000000 | SBI |
| D-162 | Interest on Loan Annualised | 126.17 | 117.48 | 117.48 | 116.49 | 56.99 | |
| D-163 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-163 | Gross loan - Opening | 472.00 | 472.00 | 472.00 | 472.00 | 472.00 | UBI |
| D-163 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D-163 | Net Loan Opening | 472.00 | 472.00 | 472.00 | 472.00 | 472.00 | UBI |
| D-163 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 0 | |
| D-163 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 472.00 | UBI |
| D-163 | Net Loan Closing | 472.00 | 472.00 | 472.00 | 472.00 | 0.00 | UBI |
| D-163 | Average Net Loan | 472.00 | 472.00 | 472.00 | 472.00 | 236.00 | |
| D-163 | Rate of Interest on loan on annual basis | 8.599180 | 8.061781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D-163 | Interest on Loan Annualised | 40.59 | 41.83 | 38.94 | 33.02 | 18.88 | |
| D-164 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-164 | Gross loan - Opening | 443.00 | 443.00 | 443.00 | 443.00 | 443.00 | Canara |
| D-164 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-164 | Net Loan Opening | 443.00 | 443.00 | 443.00 | 443.00 | 443.00 | Canara |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI

अपर महाप्रबन्धक (वाणिज्यिक)

82 Addl. General Manager (Commercial)

एन टी पी सी लिमिटेड/NTPC LIMITED

EOC, A-8A, Sector-24, NOIDA-201301

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Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kantil Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|---|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x196 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D-164 | add: Drawal(s) during the year | 0.00 | | | | | |
| D-164 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 443.00 | Canara |
| D-164 | Net Loan Closing | 443.00 | 443.00 | 443.00 | 443.00 | 0.00 | Canara |
| D-164 | Average Net Loan | 443.00 | 443.00 | 443.00 | 443.00 | 221.50 | |
| D-164 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-164 | Interest on Loan Annualised | 39.25 | 36.55 | 36.55 | 35.63 | 17.72 | |
| D-165 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-165 | Gross loan - Opening | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | Canara |
| D-165 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-165 | Net Loan Opening | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | Canara |
| D-165 | add: Drawal(s) during the year | 0.00 | | | | | |
| D-165 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | Canara |
| D-165 | Net Loan Closing | 0.86 | 0.86 | 0.86 | 0.86 | 0.00 | Canara |
| D-165 | Average Net Loan | 0.86 | 0.86 | 0.86 | 0.86 | 0.43 | |
| D-165 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-165 | Interest on Loan Annualised | 0.08 | 0.07 | 0.07 | 0.07 | 0.03 | |
| D-166 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-166 | Gross loan - Opening | 2.53 | 2.53 | 2.53 | 2.53 | 2.53 | Canara |
| D-166 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-166 | Net Loan Opening | 2.53 | 2.53 | 2.53 | 2.53 | 2.53 | Canara |
| D-166 | add: Drawal(s) during the year | 0.00 | | | | | |
| D-166 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 2.53 | Canara |
| D-166 | Net Loan Closing | 2.53 | 2.53 | 2.53 | 2.53 | 0.00 | Canara |
| D-166 | Average Net Loan | 2.53 | 2.53 | 2.53 | 2.53 | 1.27 | |
| D-166 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-166 | Interest on Loan Annualised | 0.22 | 0.21 | 0.21 | 0.20 | 0.10 | |
| D-167 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-167 | Gross loan - Opening | 3.27 | 3.27 | 3.27 | 3.27 | 3.27 | Canara |
| D-167 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-167 | Net Loan Opening | 3.27 | 3.27 | 3.27 | 3.27 | 3.27 | Canara |
| D-167 | add: Drawal(s) during the year | 0.00 | | | | | |
| D-167 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 3.27 | Canara |
| D-167 | Net Loan Closing | 3.27 | 3.27 | 3.27 | 3.27 | 0.00 | Canara |
| D-167 | Average Net Loan | 3.27 | 3.27 | 3.27 | 3.27 | 1.64 | |
| D-167 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-167 | Interest on Loan Annualised | 0.29 | 0.27 | 0.27 | 0.26 | 0.13 | |
| D-168 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-168 | Gross loan - Opening | 2593.00 | 2593.00 | 2593.00 | 2593.00 | 2593.00 | SBI |
| D-168 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-168 | Net Loan Opening | 2593.00 | 2593.00 | 2593.00 | 2593.00 | 2593.00 | SBI |
| D-168 | add: Drawal(s) during the year | 0.00 | | | | | |
| D-168 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 2593.00 | SBI |
| D-168 | Net Loan Closing | 2593.00 | 2593.00 | 2593.00 | 2593.00 | 0.00 | SBI |
| D-168 | Average Net Loan | 2593.00 | 2593.00 | 2593.00 | 2593.00 | 1296.50 | |
| D-168 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.190685 | 8.000000 | SBI |
| D-168 | Interest on Loan Annualised | 229.74 | 213.52 | 213.92 | 212.13 | 103.72 | |
| D-169 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-169 | Gross loan - Opening | 859.00 | 859.00 | 859.00 | 859.00 | 859.00 | UBI |
| D-169 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D-169 | Net Loan Opening | 859.00 | 859.00 | 859.00 | 859.00 | 859.00 | UBI |
| D-169 | add: Drawal(s) during the year | 0.00 | | | | | |
| D-169 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 859.00 | UBI |
| D-169 | Net Loan Closing | 859.00 | 859.00 | 859.00 | 859.00 | 0.00 | UBI |
| D-169 | Average Net Loan | 859.00 | 859.00 | 859.00 | 859.00 | 429.50 | |
| D-169 | Rate of Interest on loan on annual basis | 8.599180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D-169 | Interest on Loan Annualised | 73.87 | 76.12 | 70.87 | 69.19 | 34.35 | |
| D-170 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-170 | Gross loan - Opening | 1717.00 | 1717.00 | 1717.00 | 1717.00 | 1717.00 | Canara |
| D-170 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-170 | Net Loan Opening | 1717.00 | 1717.00 | 1717.00 | 1717.00 | 1717.00 | Canara |
| D-170 | add: Drawal(s) during the year | 0.00 | | | | | |
| D-170 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1717.00 | Canara |
| D-170 | Net Loan Closing | 1717.00 | 1717.00 | 1717.00 | 1717.00 | 0.00 | Canara |
| D-170 | Average Net Loan | 1717.00 | 1717.00 | 1717.00 | 1717.00 | 858.50 | |
| D-170 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-170 | Interest on Loan Annualised | 152.13 | 141.85 | 141.65 | 136.30 | 68.66 | |

प्रशान्त चतुर्वेदी / PRASHANT CHATURVEDI
 आगरा महाप्रबन्धक (व्यापारिक)
 Addl. General Manager (Commercial)
 एन 83 सी. सिटि 3 / NTPC LIMITED
 EOC, A-6A, Sector-25, Gurgaon, Haryana-201301

Chaturvedi

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|-----------------|-----------------|-----------------|-----------------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D-171 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-171 | Gross loan - Opening | 841.00 | 841.00 | 841.00 | 841.00 | 841.00 | IIFCL |
| D-171 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D-171 | Net Loan Opening | 841.00 | 841.00 | 841.00 | 841.00 | 841.00 | IIFCL |
| D-171 | add: Drawal(s) during the year | 0 | | | | | |
| D-171 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 841.00 | IIFCL |
| D-171 | Net Loan Closing | 841.00 | 841.00 | 841.00 | 841.00 | 0.00 | IIFCL |
| D-171 | Average Net Loan | 841.00 | 841.00 | 841.00 | 841.00 | 420.50 | |
| D-171 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D-171 | Interest on Loan Annualised | 77.16 | 75.10 | 69.80 | 67.74 | 33.64 | |
| D-172 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-172 | Gross loan - Opening | 923.00 | 923.00 | 923.00 | 923.00 | 923.00 | UBI |
| D-172 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D-172 | Net Loan Opening | 923.00 | 923.00 | 923.00 | 923.00 | 923.00 | UBI |
| D-172 | add: Drawal(s) during the year | 0 | | | | | |
| D-172 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 923.00 | UBI |
| D-172 | Net Loan Closing | 923.00 | 923.00 | 923.00 | 923.00 | 0.00 | UBI |
| D-172 | Average Net Loan | 923.00 | 923.00 | 923.00 | 923.00 | 461.50 | |
| D-172 | Rate of Interest on loan on annual basis | 8.599180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D-172 | Interest on Loan Annualised | 79.37 | 81.79 | 76.15 | 74.34 | 36.92 | |
| D-173 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-173 | Gross loan - Opening | 461.00 | 461.00 | 461.00 | 461.00 | 461.00 | UBI |
| D-173 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI |
| D-173 | Net Loan Opening | 461.00 | 461.00 | 461.00 | 461.00 | 461.00 | UBI |
| D-173 | add: Drawal(s) during the year | 0 | | | | | |
| D-173 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 461.00 | UBI |
| D-173 | Net Loan Closing | 461.00 | 461.00 | 461.00 | 461.00 | 0.00 | UBI |
| D-173 | Average Net Loan | 461.00 | 461.00 | 461.00 | 461.00 | 230.50 | |
| D-173 | Rate of Interest on loan on annual basis | 8.599180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D-173 | Interest on Loan Annualised | 38.64 | 40.85 | 38.03 | 37.13 | 18.44 | |
| D-174 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-174 | Gross loan - Opening | 1393.00 | 1393.00 | 1393.00 | 1393.00 | 1393.00 | SBI |
| D-174 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-174 | Net Loan Opening | 1393.00 | 1393.00 | 1393.00 | 1393.00 | 1393.00 | SBI |
| D-174 | add: Drawal(s) during the year | 0 | | | | | |
| D-174 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1393.00 | SBI |
| D-174 | Net Loan Closing | 1393.00 | 1393.00 | 1393.00 | 1393.00 | 0.00 | SBI |
| D-174 | Average Net Loan | 1393.00 | 1393.00 | 1393.00 | 1393.00 | 696.50 | |
| D-174 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180885 | 8.000000 | SBI |
| D-174 | Interest on Loan Annualised | 123.42 | 114.92 | 114.92 | 113.95 | 55.72 | |
| D-175 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-175 | Gross loan - Opening | 1531.00 | 1531.00 | 1531.00 | 1531.00 | 1531.00 | IIFCL |
| D-175 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D-175 | Net Loan Opening | 1531.00 | 1531.00 | 1531.00 | 1531.00 | 1531.00 | IIFCL |
| D-175 | add: Drawal(s) during the year | 0 | | | | | |
| D-175 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1531.00 | IIFCL |
| D-175 | Net Loan Closing | 1531.00 | 1531.00 | 1531.00 | 1531.00 | 0.00 | IIFCL |
| D-175 | Average Net Loan | 1531.00 | 1531.00 | 1531.00 | 1531.00 | 765.50 | |
| D-175 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IIF |
| D-175 | Interest on Loan Annualised | 140.47 | 138.72 | 127.07 | 123.32 | 61.24 | |
| D-176 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-176 | Gross loan - Opening | 35.25 | 35.25 | 35.25 | 35.25 | 35.25 | Canara |
| D-176 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-176 | Net Loan Opening | 35.25 | 35.25 | 35.25 | 35.25 | 35.25 | Canara |
| D-176 | add: Drawal(s) during the year | 0 | | | | | |
| D-176 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 35.25 | Canara |
| D-176 | Net Loan Closing | 35.25 | 35.25 | 35.25 | 35.25 | 0.00 | Canara |
| D-176 | Average Net Loan | 35.25 | 35.25 | 35.25 | 35.25 | 17.62 | |
| D-176 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.064668 | 8.000000 | Can |
| D-176 | Interest on Loan Annualised | 3.12 | 2.91 | 2.91 | 2.64 | 1.41 | |
| D-177 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-177 | Gross loan - Opening | 823.00 | 823.00 | 823.00 | 823.00 | 823.00 | IIFCL |
| D-177 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IIFCL |
| D-177 | Net Loan Opening | 823.00 | 823.00 | 823.00 | 823.00 | 823.00 | IIFCL |
| D-177 | add: Drawal(s) during the year | 0 | | | | | |
| D-177 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 823.00 | IIFCL |
| D-177 | Net Loan Closing | 823.00 | 823.00 | 823.00 | 823.00 | 0.00 | IIFCL |

प्रधान प्रबंधक / PRASHANT CHATURVEDI
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड / NTPC LIMITED
 EOC, A-8A, Sector-24, NOIDA-201301

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kantli Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|---|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Ledger |
| D-177 | Average Net Loan | 823.00 | 823.00 | 823.00 | 823.00 | 411.50 | |
| D-177 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IFF |
| D-177 | Interest on Loan Annualised | 75.51 | 73.50 | 68.31 | 66.29 | 32.92 | |
| D-178 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-178 | Gross loan - Opening | 403.00 | 403.00 | 403.00 | 403.00 | 403.00 | SBI |
| D-178 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-178 | Net Loan Opening | 403.00 | 403.00 | 403.00 | 403.00 | 403.00 | SBI |
| D-178 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 403.00 | SBI |
| D-178 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-178 | Net Loan Closing | 403.00 | 403.00 | 403.00 | 403.00 | 201.50 | |
| D-178 | Average Net Loan | 403.00 | 403.00 | 403.00 | 403.00 | 201.50 | |
| D-178 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-178 | Interest on Loan Annualised | 35.71 | 33.25 | 33.25 | 32.67 | 16.12 | |
| D-179 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-179 | Gross loan - Opening | 463.00 | 463.00 | 463.00 | 463.00 | 463.00 | Canara |
| D-179 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-179 | Net Loan Opening | 463.00 | 463.00 | 463.00 | 463.00 | 463.00 | Canara |
| D-179 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 463.00 | Canara |
| D-179 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-179 | Net Loan Closing | 463.00 | 463.00 | 463.00 | 463.00 | 231.50 | |
| D-179 | Average Net Loan | 463.00 | 463.00 | 463.00 | 463.00 | 231.50 | |
| D-179 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-179 | Interest on Loan Annualised | 41.02 | 38.20 | 38.20 | 37.29 | 18.62 | |
| D-180 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-180 | Gross loan - Opening | 1237.00 | 1237.00 | 1237.00 | 1237.00 | 1237.00 | SBI |
| D-180 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-180 | Net Loan Opening | 1237.00 | 1237.00 | 1237.00 | 1237.00 | 1237.00 | SBI |
| D-180 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1237.00 | SBI |
| D-180 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-180 | Net Loan Closing | 1237.00 | 1237.00 | 1237.00 | 1237.00 | 618.50 | |
| D-180 | Average Net Loan | 1237.00 | 1237.00 | 1237.00 | 1237.00 | 618.50 | |
| D-180 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-180 | Interest on Loan Annualised | 109.50 | 102.05 | 102.05 | 101.20 | 49.49 | |
| D-181 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-181 | Gross loan - Opening | 32.13 | 32.13 | 32.13 | 32.13 | 32.13 | Canara |
| D-181 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-181 | Net Loan Opening | 32.13 | 32.13 | 32.13 | 32.13 | 32.13 | Canara |
| D-181 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 32.13 | Canara |
| D-181 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-181 | Net Loan Closing | 32.13 | 32.13 | 32.13 | 32.13 | 16.05 | |
| D-181 | Average Net Loan | 32.13 | 32.13 | 32.13 | 32.13 | 16.05 | |
| D-181 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-181 | Interest on Loan Annualised | 2.85 | 2.65 | 2.65 | 2.61 | 1.29 | |
| D-182 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-182 | Gross loan - Opening | 727.00 | 727.00 | 727.00 | 727.00 | 727.00 | IFCL |
| D-182 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IFCL |
| D-182 | Net Loan Opening | 727.00 | 727.00 | 727.00 | 727.00 | 727.00 | IFCL |
| D-182 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 727.00 | IFCL |
| D-182 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IFCL |
| D-182 | Net Loan Closing | 727.00 | 727.00 | 727.00 | 727.00 | 383.50 | |
| D-182 | Average Net Loan | 727.00 | 727.00 | 727.00 | 727.00 | 383.50 | |
| D-182 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IFF |
| D-182 | Interest on Loan Annualised | 66.70 | 64.62 | 60.34 | 58.59 | 29.08 | |
| D-183 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-183 | Gross loan - Opening | 15.02 | 15.02 | 15.02 | 15.02 | 15.02 | Canara |
| D-183 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-183 | Net Loan Opening | 15.02 | 15.02 | 15.02 | 15.02 | 15.02 | Canara |
| D-183 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 15.02 | Canara |
| D-183 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-183 | Net Loan Closing | 15.02 | 15.02 | 15.02 | 15.02 | 7.51 | |
| D-183 | Average Net Loan | 15.02 | 15.02 | 15.02 | 15.02 | 7.51 | |
| D-183 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-183 | Interest on Loan Annualised | 1.33 | 1.24 | 1.24 | 1.21 | 0.60 | |
| D-184 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-184 | Gross loan - Opening | 5.50 | 5.50 | 5.50 | 5.50 | 5.50 | Canara |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड/NTPC LIMITED
 85/80C, A-8A, Sector-24, NOIDA-201301

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D-184 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-184 | Net Loan Opening | 5.50 | 5.50 | 5.50 | 5.50 | 5.50 | Canara |
| D-184 | add: Drawal(s) during the year | 0 | | | | | |
| D-184 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 5.50 | Canara |
| D-184 | Net Loan Closing | 5.50 | 5.50 | 5.50 | 5.50 | 0.00 | Canara |
| D-184 | Average Net Loan | 5.50 | 5.50 | 5.50 | 5.50 | 2.75 | |
| D-184 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-184 | Interest on Loan Annualised | 0.49 | 0.45 | 0.45 | 0.44 | 0.22 | |
| D-185 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-185 | Gross loan - Opening | 41.36 | 41.36 | 41.36 | 41.36 | 41.36 | Canara |
| D-185 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-185 | Net Loan Opening | 41.36 | 41.36 | 41.36 | 41.36 | 41.36 | Canara |
| D-185 | add: Drawal(s) during the year | 0 | | | | | |
| D-185 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 41.36 | Canara |
| D-185 | Net Loan Closing | 41.36 | 41.36 | 41.36 | 41.36 | 0.00 | Canara |
| D-185 | Average Net Loan | 41.36 | 41.36 | 41.36 | 41.36 | 20.68 | |
| D-185 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-185 | Interest on Loan Annualised | 3.66 | 3.41 | 3.41 | 3.33 | 1.65 | |
| D-186 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-186 | Gross loan - Opening | 15.86 | 15.86 | 15.86 | 15.86 | 15.86 | Canara |
| D-186 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-186 | Net Loan Opening | 15.86 | 15.86 | 15.86 | 15.86 | 15.86 | Canara |
| D-186 | add: Drawal(s) during the year | 0 | | | | | |
| D-186 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 15.86 | Canara |
| D-186 | Net Loan Closing | 15.86 | 15.86 | 15.86 | 15.86 | 0.00 | Canara |
| D-186 | Average Net Loan | 15.86 | 15.86 | 15.86 | 15.86 | 7.93 | |
| D-186 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-186 | Interest on Loan Annualised | 1.40 | 1.31 | 1.31 | 1.28 | 0.63 | |
| D-187 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-187 | Gross loan - Opening | 26.35 | 26.35 | 26.35 | 26.35 | 26.35 | Canara |
| D-187 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-187 | Net Loan Opening | 26.35 | 26.35 | 26.35 | 26.35 | 26.35 | Canara |
| D-187 | add: Drawal(s) during the year | 0 | | | | | |
| D-187 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 26.35 | Canara |
| D-187 | Net Loan Closing | 26.35 | 26.35 | 26.35 | 26.35 | 0.00 | Canara |
| D-187 | Average Net Loan | 26.35 | 26.35 | 26.35 | 26.35 | 13.18 | |
| D-187 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-187 | Interest on Loan Annualised | 2.33 | 2.17 | 2.17 | 2.12 | 1.05 | |
| D-188 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-188 | Gross loan - Opening | 19.00 | 19.00 | 19.00 | 19.00 | 19.00 | Canara |
| D-188 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-188 | Net Loan Opening | 19.00 | 19.00 | 19.00 | 19.00 | 19.00 | Canara |
| D-188 | add: Drawal(s) during the year | 0 | | | | | |
| D-188 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 19.00 | Canara |
| D-188 | Net Loan Closing | 19.00 | 19.00 | 19.00 | 19.00 | 0.00 | Canara |
| D-188 | Average Net Loan | 19.00 | 19.00 | 19.00 | 19.00 | 9.50 | |
| D-188 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-188 | Interest on Loan Annualised | 1.68 | 1.57 | 1.57 | 1.53 | 0.76 | |
| D-189 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-189 | Gross loan - Opening | 31.44 | 31.44 | 31.44 | 31.44 | 31.44 | Canara |
| D-189 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-189 | Net Loan Opening | 31.44 | 31.44 | 31.44 | 31.44 | 31.44 | Canara |
| D-189 | add: Drawal(s) during the year | 0 | | | | | |
| D-189 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 31.44 | Canara |
| D-189 | Net Loan Closing | 31.44 | 31.44 | 31.44 | 31.44 | 0.04 | Canara |
| D-189 | Average Net Loan | 31.44 | 31.44 | 31.44 | 31.44 | 15.74 | |
| D-189 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-189 | Interest on Loan Annualised | 2.79 | 2.59 | 2.59 | 2.53 | 1.28 | |
| D-190 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-190 | Gross loan - Opening | 55.56 | 55.56 | 55.56 | 55.56 | 55.56 | Canara |
| D-190 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-190 | Net Loan Opening | 55.56 | 55.56 | 55.56 | 55.56 | 55.56 | Canara |
| D-190 | add: Drawal(s) during the year | 0 | | | | | |
| D-190 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 55.56 | Canara |
| D-190 | Net Loan Closing | 55.56 | 55.56 | 55.56 | 55.56 | 0.00 | Canara |
| D-190 | Average Net Loan | 55.56 | 55.56 | 55.56 | 55.56 | 27.78 | |
| D-190 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |

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

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| Calculation of Weighted Average Rate of Interest on Actual Loans | | | | | | | |
|--|---|--|----------|----------|----------|----------|--------|
| Name of the Petitioner | | NTPC Limited (Formerly Kantil Bijlee Utpradan Nigam Limited) | | | | | |
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| Sl. No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D-190 | Interest on Loan Annualised | 4.52 | 4.58 | 4.58 | 4.48 | 2.22 | |
| D-191 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-191 | Gross loan - Opening | 79.87 | 79.87 | 79.87 | 79.87 | 79.87 | Canara |
| D-191 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-191 | Net Loan Opening | 79.87 | 79.87 | 79.87 | 79.87 | 79.87 | Canara |
| D-191 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 79.87 | Canara |
| D-191 | Less: Repayment(s) during the year | 79.87 | 79.87 | 79.87 | 79.87 | 0.00 | Canara |
| D-191 | Net Loan Closing | 79.87 | 79.87 | 79.87 | 79.87 | 39.93 | |
| D-191 | Average Net Loan | 8.980109 | 8.289000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-191 | Rate of Interest on loan on annual basis | 7.08 | 6.58 | 6.50 | 6.43 | 3.19 | |
| D-191 | Interest on Loan Annualised | | | | | | |
| D-192 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-192 | Gross loan - Opening | 354.26 | 354.26 | 354.26 | 354.26 | 354.26 | Canara |
| D-192 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara |
| D-192 | Net Loan Opening | 354.26 | 354.26 | 354.26 | 354.26 | 354.26 | Canara |
| D-192 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 354.26 | Canara |
| D-192 | Less: Repayment(s) during the year | 354.26 | 354.26 | 354.26 | 354.26 | 0.00 | Canara |
| D-192 | Net Loan Closing | 354.26 | 354.26 | 354.26 | 354.26 | 177.13 | |
| D-192 | Average Net Loan | 8.980109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-192 | Rate of Interest on loan on annual basis | 31.39 | 29.23 | 29.23 | 28.53 | 14.17 | |
| D-192 | Interest on Loan Annualised | | | | | | |
| D-193 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-193 | Gross loan - Opening | 4366.00 | 4366.00 | 4366.00 | 4366.00 | 4366.00 | SBI CO |
| D-193 | Cumulative repayments of Loans upto previous period | 1434.00 | 1434.00 | 1434.00 | 1434.00 | 1434.00 | SBI CO |
| D-193 | Net Loan Opening | 2932.00 | 2932.00 | 2932.00 | 2932.00 | 2932.00 | SBI CO |
| D-193 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 2932.00 | SBI CO |
| D-193 | Less: Repayment(s) during the year | 2932.00 | 2932.00 | 2932.00 | 2932.00 | 0.00 | SBI CO |
| D-193 | Net Loan Closing | 2932.00 | 2932.00 | 2932.00 | 2932.00 | 1466.00 | |
| D-193 | Average Net Loan | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-193 | Rate of Interest on loan on annual basis | 259.78 | 241.89 | 241.89 | 239.68 | 117.29 | |
| D-193 | Interest on Loan Annualised | | | | | | |
| D-194 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-194 | Gross loan - Opening | 732.22 | 732.22 | 732.22 | 732.22 | 732.22 | SBI CO |
| D-194 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-194 | Net Loan Opening | 732.22 | 732.22 | 732.22 | 732.22 | 732.22 | SBI CO |
| D-194 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 732.22 | SBI CO |
| D-194 | Less: Repayment(s) during the year | 732.22 | 732.22 | 732.22 | 732.22 | 0.00 | SBI CO |
| D-194 | Net Loan Closing | 732.22 | 732.22 | 732.22 | 732.22 | 366.11 | |
| D-194 | Average Net Loan | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-194 | Rate of Interest on loan on annual basis | 64.86 | 60.41 | 60.41 | 59.90 | 29.29 | |
| D-194 | Interest on Loan Annualised | | | | | | |
| D-195 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-195 | Gross loan - Opening | 2000.00 | 2000.00 | 2000.00 | 2000.00 | 2000.00 | SBI |
| D-195 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI |
| D-195 | Net Loan Opening | 2000.00 | 2000.00 | 2000.00 | 2000.00 | 2000.00 | SBI |
| D-195 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 2000.00 | SBI |
| D-195 | Less: Repayment(s) during the year | 2000.00 | 2000.00 | 2000.00 | 2000.00 | 0.00 | SBI |
| D-195 | Net Loan Closing | 2000.00 | 2000.00 | 2000.00 | 2000.00 | 1000.00 | |
| D-195 | Average Net Loan | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-195 | Rate of Interest on loan on annual basis | 177.20 | 165.00 | 165.00 | 163.61 | 80.00 | |
| D-195 | Interest on Loan Annualised | | | | | | |
| D-196 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-196 | Gross loan - Opening | 101.31 | 101.31 | 101.31 | 101.31 | 101.31 | SBI CO |
| D-196 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-196 | Net Loan Opening | 101.31 | 101.31 | 101.31 | 101.31 | 101.31 | SBI CO |
| D-196 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 101.31 | SBI CO |
| D-196 | Less: Repayment(s) during the year | 101.31 | 101.31 | 101.31 | 101.31 | 0.00 | SBI CO |
| D-196 | Net Loan Closing | 101.31 | 101.31 | 101.31 | 101.31 | 50.66 | |
| D-196 | Average Net Loan | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-196 | Rate of Interest on loan on annual basis | 6.98 | 6.36 | 6.36 | 6.29 | 4.05 | |
| D-196 | Interest on Loan Annualised | | | | | | |
| D-197 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-197 | Gross loan - Opening | 415.48 | 415.48 | 415.48 | 415.48 | 415.48 | SBI CO |
| D-197 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-197 | Net Loan Opening | 415.48 | 415.48 | 415.48 | 415.48 | 415.48 | SBI CO |
| D-197 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 415.48 | SBI CO |
| D-197 | Less: Repayment(s) during the year | 415.48 | 415.48 | 415.48 | 415.48 | 0.00 | SBI CO |
| D-197 | Net Loan Closing | 415.48 | 415.48 | 415.48 | 415.48 | 207.74 | |
| D-197 | Average Net Loan | | | | | | |

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

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D-197 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-197 | Interest on Loan Annualised | 36.81 | 34.28 | 34.28 | 33.99 | 18.62 | |
| D-198 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-199 | Gross loan - Opening | 2500.00 | 2500.00 | 2500.00 | 2500.00 | 2500.00 | SBI CO |
| D-199 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-199 | Net Loan Opening | 2500.00 | 2500.00 | 2500.00 | 2500.00 | 2500.00 | SBI CO |
| D-199 | add: Drawal(s) during the year | 0 | 0.00 | 0.00 | 0.00 | 2500.00 | SBI CO |
| D-199 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-199 | Net Loan Closing | 2500.00 | 2500.00 | 2500.00 | 2500.00 | 1250.00 | |
| D-199 | Average Net Loan | 2500.00 | 2500.00 | 2500.00 | 2500.00 | 1250.00 | |
| D-198 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-198 | Interest on Loan Annualised | 221.50 | 206.25 | 206.25 | 204.92 | 100.00 | |
| D-199 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-199 | Gross loan - Opening | 155.12 | 155.12 | 155.12 | 155.12 | 155.12 | SBI CO |
| D-199 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-199 | Net Loan Opening | 155.12 | 155.12 | 155.12 | 155.12 | 155.12 | SBI CO |
| D-199 | add: Drawal(s) during the year | 0 | 0.00 | 0.00 | 0.00 | 155.12 | SBI CO |
| D-199 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-199 | Net Loan Closing | 155.12 | 155.12 | 155.12 | 155.12 | 77.56 | |
| D-199 | Average Net Loan | 155.12 | 155.12 | 155.12 | 155.12 | 77.56 | |
| D-199 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-199 | Interest on Loan Annualised | 13.74 | 12.80 | 12.80 | 12.69 | 6.20 | |
| D-200 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-200 | Gross loan - Opening | 4000.00 | 4000.00 | 4000.00 | 4000.00 | 4000.00 | SBI CO |
| D-200 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-200 | Net Loan Opening | 4000.00 | 4000.00 | 4000.00 | 4000.00 | 4000.00 | SBI CO |
| D-200 | add: Drawal(s) during the year | 0 | 0.00 | 0.00 | 0.00 | 4000.00 | SBI CO |
| D-200 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-200 | Net Loan Closing | 4000.00 | 4000.00 | 4000.00 | 4000.00 | 2000.00 | |
| D-200 | Average Net Loan | 4000.00 | 4000.00 | 4000.00 | 4000.00 | 2000.00 | |
| D-200 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-200 | Interest on Loan Annualised | 354.40 | 330.00 | 330.00 | 327.23 | 160.00 | |
| D-201 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-201 | Gross loan - Opening | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | SBI CO |
| D-201 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-201 | Net Loan Opening | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | SBI CO |
| D-201 | add: Drawal(s) during the year | 0 | 0.00 | 0.00 | 0.00 | 0.15 | SBI CO |
| D-201 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-201 | Net Loan Closing | 0.15 | 0.15 | 0.15 | 0.15 | 0.08 | |
| D-201 | Average Net Loan | 0.15 | 0.15 | 0.15 | 0.15 | 0.08 | |
| D-201 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-201 | Interest on Loan Annualised | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | |
| D-202 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-202 | Gross loan - Opening | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | SBI CO |
| D-202 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-202 | Net Loan Opening | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | SBI CO |
| D-202 | add: Drawal(s) during the year | 0 | 0.00 | 0.00 | 0.00 | 0.08 | SBI CO |
| D-202 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-202 | Net Loan Closing | 0.08 | 0.08 | 0.08 | 0.08 | 0.04 | |
| D-202 | Average Net Loan | 0.08 | 0.08 | 0.08 | 0.08 | 0.04 | |
| D-202 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-202 | Interest on Loan Annualised | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | |
| D-203 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-203 | Gross loan - Opening | 182.89 | 182.89 | 182.89 | 182.89 | 182.89 | SBI CO |
| D-203 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-203 | Net Loan Opening | 182.89 | 182.89 | 182.89 | 182.89 | 182.89 | SBI CO |
| D-203 | add: Drawal(s) during the year | 0 | 0.00 | 0.00 | 0.00 | 182.89 | SBI CO |
| D-203 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-203 | Net Loan Closing | 182.89 | 182.89 | 182.89 | 182.89 | 91.45 | |
| D-203 | Average Net Loan | 182.89 | 182.89 | 182.89 | 182.89 | 91.45 | |
| D-203 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-203 | Interest on Loan Annualised | 16.20 | 15.09 | 15.09 | 14.95 | 7.32 | |
| D-204 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-204 | Gross loan - Opening | 32.74 | 32.74 | 32.74 | 32.74 | 32.74 | SBI CO |
| D-204 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-204 | Net Loan Opening | 32.74 | 32.74 | 32.74 | 32.74 | 32.74 | SBI CO |
| D-204 | add: Drawal(s) during the year | 0 | 0.00 | 0.00 | 0.00 | 32.74 | SBI CO |
| D-204 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-204 | Net Loan Closing | 32.74 | 32.74 | 32.74 | 32.74 | 16.37 | |
| D-204 | Average Net Loan | 32.74 | 32.74 | 32.74 | 32.74 | 16.37 | |
| D-204 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
 Addl. General Manager (Commercial)
 न त्प सी लिमिटेड, NTPC LIMITED
 EOC, A-6A, Sector-24, NOIDA-201301

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|----------|----------|----------|----------|---------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D-204 | Interest on Loan Annualised | 2.90 | 2.70 | 2.70 | 2.68 | 1.31 | |
| D-205 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-205 | Gross loan - Opening | 245.75 | 245.75 | 246.75 | 245.75 | 245.75 | SBI CO |
| D-205 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-205 | Net Loan Opening | 245.75 | 245.75 | 246.75 | 245.75 | 245.75 | SBI CO |
| D-205 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 246.75 | SBI CO |
| D-205 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-205 | Net Loan Closing | 245.75 | 245.75 | 246.75 | 245.75 | 492.50 | SBI CO |
| D-205 | Average Net Loan | 245.75 | 245.75 | 246.75 | 245.75 | 123.38 | |
| D-205 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-205 | Interest on Loan Annualised | 21.86 | 20.38 | 20.38 | 20.19 | 9.67 | |
| D-206 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-206 | Gross loan - Opening | 160.81 | 160.81 | 160.81 | 160.81 | 160.81 | SBI CO |
| D-206 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-206 | Net Loan Opening | 160.81 | 160.81 | 160.81 | 160.81 | 160.81 | SBI CO |
| D-206 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 160.81 | SBI CO |
| D-206 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-206 | Net Loan Closing | 160.81 | 160.81 | 160.81 | 160.81 | 321.62 | SBI CO |
| D-206 | Average Net Loan | 160.81 | 160.81 | 160.81 | 160.81 | 80.41 | |
| D-206 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-206 | Interest on Loan Annualised | 14.25 | 13.27 | 13.27 | 13.16 | 6.43 | |
| D-207 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-207 | Gross loan - Opening | 2.03 | 2.03 | 2.03 | 2.03 | 2.03 | SBI CO |
| D-207 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-207 | Net Loan Opening | 2.03 | 2.03 | 2.03 | 2.03 | 2.03 | SBI CO |
| D-207 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 2.03 | SBI CO |
| D-207 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-207 | Net Loan Closing | 2.03 | 2.03 | 2.03 | 2.03 | 4.06 | SBI CO |
| D-207 | Average Net Loan | 2.03 | 2.03 | 2.03 | 2.03 | 1.01 | |
| D-207 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-207 | Interest on Loan Annualised | 0.19 | 0.17 | 0.17 | 0.17 | 0.08 | |
| D-208 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-208 | Gross loan - Opening | 28.03 | 28.03 | 28.03 | 28.03 | 28.03 | SBI CO |
| D-208 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-208 | Net Loan Opening | 28.03 | 28.03 | 28.03 | 28.03 | 28.03 | SBI CO |
| D-208 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 28.03 | SBI CO |
| D-208 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-208 | Net Loan Closing | 28.03 | 28.03 | 28.03 | 28.03 | 56.06 | SBI CO |
| D-208 | Average Net Loan | 28.03 | 28.03 | 28.03 | 28.03 | 14.02 | |
| D-208 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-208 | Interest on Loan Annualised | 2.48 | 2.31 | 2.31 | 2.29 | 1.12 | |
| D-209 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-209 | Gross loan - Opening | 2.03 | 2.03 | 2.03 | 2.03 | 2.03 | SBI CO |
| D-209 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-209 | Net Loan Opening | 2.03 | 2.03 | 2.03 | 2.03 | 2.03 | SBI CO |
| D-209 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 2.03 | SBI CO |
| D-209 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-209 | Net Loan Closing | 2.03 | 2.03 | 2.03 | 2.03 | 4.06 | SBI CO |
| D-209 | Average Net Loan | 2.03 | 2.03 | 2.03 | 2.03 | 1.01 | |
| D-209 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-209 | Interest on Loan Annualised | 0.18 | 0.17 | 0.17 | 0.17 | 0.08 | |
| D-210 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-210 | Gross loan - Opening | 28.03 | 28.03 | 28.03 | 28.03 | 28.03 | SBI CO |
| D-210 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-210 | Net Loan Opening | 28.03 | 28.03 | 28.03 | 28.03 | 28.03 | SBI CO |
| D-210 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 28.03 | SBI CO |
| D-210 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | SBI CO |
| D-210 | Net Loan Closing | 28.03 | 28.03 | 28.03 | 28.03 | 56.06 | SBI CO |
| D-210 | Average Net Loan | 28.03 | 28.03 | 28.03 | 28.03 | 14.02 | |
| D-210 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.180685 | 8.000000 | SBI |
| D-210 | Interest on Loan Annualised | 2.48 | 2.31 | 2.31 | 2.05 | 0.98 | |
| D-211 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-211 | Gross loan - Opening | 1864.00 | 1864.00 | 1864.00 | 1864.00 | 1864.00 | IFCL CO |
| D-211 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IFCL CO |
| D-211 | Net Loan Opening | 1864.00 | 1864.00 | 1864.00 | 1864.00 | 1864.00 | IFCL CO |
| D-211 | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1864.00 | IFCL CO |
| D-211 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IFCL CO |
| D-211 | Net Loan Closing | 1864.00 | 1864.00 | 1864.00 | 1864.00 | 3728.00 | IFCL CO |
| D-211 | Average Net Loan | 1864.00 | 1864.00 | 1864.00 | 1864.00 | 932.00 | |
| D-211 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IF |
| D-211 | Interest on Loan Annualised | 171.02 | 196.46 | 154.71 | 150.14 | 74.56 | |

प्रशांत चतुर्वेदी/PRASHANT CHATURVEDI

अपर महाप्रबन्धक (वाणिज्यिक)

Addl. General Manager (Commercial)

एन टी पी सी लिमिटेड/NTPC LIMITED

89 OC, A-8A, Sector-24, NOIDA-201301



Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanil Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|-----------------|-----------------|-----------------|-----------------|-----------|
| Name of the Generating Station | | Muzafrapur TPS Stage-II (2x188 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| Sl No | Loan | 2018-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D-212 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-212 | Gross loan - Opening | 2091.00 | 2091.00 | 2091.00 | 2091.00 | 2091.00 | Canara CO |
| D-212 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara CO |
| D-212 | Net Loan Opening | 2091.00 | 2091.00 | 2091.00 | 2091.00 | 2091.00 | Canara CO |
| D-212 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 0 | Canara CO |
| D-212 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 2091.00 | Canara CO |
| D-212 | Net Loan Closing | 2091.00 | 2091.00 | 2091.00 | 2091.00 | 0.00 | Canara CO |
| D-212 | Average Net Loan | 2091.00 | 2091.00 | 2091.00 | 2091.00 | 1045.50 | |
| D-212 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-212 | Interest on Loan Annualised | 185.28 | 172.51 | 172.51 | 158.42 | 83.64 | |
| D-213 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-213 | Gross loan - Opening | 1864.00 | 1864.00 | 1864.00 | 1864.00 | 1864.00 | IFCL CO |
| D-213 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IFCL CO |
| D-213 | Net Loan Opening | 1864.00 | 1864.00 | 1864.00 | 1864.00 | 1864.00 | IFCL CO |
| D-213 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 1864.00 | IFCL CO |
| D-213 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IFCL CO |
| D-213 | Net Loan Closing | 1864.00 | 1864.00 | 1864.00 | 1864.00 | 3728.00 | |
| D-213 | Average Net Loan | 1864.00 | 1864.00 | 1864.00 | 1864.00 | 932.00 | |
| D-213 | Rate of Interest on loan on annual basis | 9.175137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IF |
| D-213 | Interest on Loan Annualised | 171.02 | 168.48 | 154.71 | 150.14 | 74.55 | |
| D-214 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-214 | Gross loan - Opening | 2091.00 | 2091.00 | 2091.00 | 2091.00 | 2091.00 | Canara CO |
| D-214 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara CO |
| D-214 | Net Loan Opening | 2091.00 | 2091.00 | 2091.00 | 2091.00 | 2091.00 | Canara CO |
| D-214 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 2091.00 | Canara CO |
| D-214 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara CO |
| D-214 | Net Loan Closing | 2091.00 | 2091.00 | 2091.00 | 2091.00 | 4182.00 | |
| D-214 | Average Net Loan | 2091.00 | 2091.00 | 2091.00 | 2091.00 | 1045.50 | |
| D-214 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-214 | Interest on Loan Annualised | 185.28 | 172.51 | 172.51 | 168.42 | 83.64 | |
| D-215 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-215 | Gross loan - Opening | 2091.00 | 2091.00 | 2091.00 | 2091.00 | 2091.00 | Canara CO |
| D-215 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara CO |
| D-215 | Net Loan Opening | 2091.00 | 2091.00 | 2091.00 | 2091.00 | 2091.00 | Canara CO |
| D-215 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 2091.00 | Canara CO |
| D-215 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara CO |
| D-215 | Net Loan Closing | 2091.00 | 2091.00 | 2091.00 | 2091.00 | 4182.00 | |
| D-215 | Average Net Loan | 2091.00 | 2091.00 | 2091.00 | 2091.00 | 1045.50 | |
| D-215 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-215 | Interest on Loan Annualised | 185.28 | 172.51 | 172.51 | 168.42 | 83.64 | |
| D-216 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-216 | Gross loan - Opening | 2090.00 | 2090.00 | 2090.00 | 2090.00 | 2090.00 | UBI CO |
| D-216 | Cumulative repayments of Loans upto previous period | 633.25 | 633.25 | 633.25 | 633.25 | 633.25 | UBI CO |
| D-216 | Net Loan Opening | 1456.75 | 1456.75 | 1456.75 | 1456.75 | 1456.75 | UBI CO |
| D-216 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 1456.75 | UBI CO |
| D-216 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI CO |
| D-216 | Net Loan Closing | 1456.75 | 1456.75 | 1456.75 | 1456.75 | 2913.50 | |
| D-216 | Average Net Loan | 1456.75 | 1456.75 | 1456.75 | 1456.75 | 728.38 | |
| D-216 | Rate of Interest on loan on annual basis | 8.599180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D-216 | Interest on Loan Annualised | 125.27 | 129.09 | 120.18 | 117.34 | 58.27 | |
| D-217 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-217 | Gross loan - Opening | 1045.00 | 1045.00 | 1045.00 | 1045.00 | 1045.00 | UBI CO |
| D-217 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI CO |
| D-217 | Net Loan Opening | 1045.00 | 1045.00 | 1045.00 | 1045.00 | 1045.00 | UBI CO |
| D-217 | add: Drawal(s) during the year | 0 | 0 | 0 | 0 | 1045.00 | UBI CO |
| D-217 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI CO |
| D-217 | Net Loan Closing | 1045.00 | 1045.00 | 1045.00 | 1045.00 | 2090.00 | |
| D-217 | Average Net Loan | 1045.00 | 1045.00 | 1045.00 | 1045.00 | 522.50 | |
| D-217 | Rate of Interest on loan on annual basis | 8.599180 | 8.861781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D-217 | Interest on Loan Annualised | 89.86 | 92.61 | 85.21 | 84.17 | 41.60 | |
| D-218 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-218 | Gross loan - Opening | 0.00 | 1000.00 | 1000.00 | 1000.00 | 1000.00 | Canara CO |
| D-218 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara CO |
| D-218 | Net Loan Opening | 0.00 | 1000.00 | 1000.00 | 1000.00 | 1000.00 | Canara CO |
| D-218 | add: Drawal(s) during the year | 1000 | 0 | 0 | 0 | 1000.00 | Canara CO |
| D-218 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara CO |
| D-218 | Net Loan Closing | 1000.00 | 1000.00 | 1000.00 | 1000.00 | 2000.00 | |
| D-218 | Average Net Loan | 500.00 | 1000.00 | 1000.00 | 1000.00 | 500.00 | |
| D-218 | Rate of Interest on loan on annual basis | 8.860109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |

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

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | |
|--------------------------------|---|--|-----------------|-----------------|-----------------|-----------------|-----------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| D-218 | Interest on Loan Annualised | 44.30 | 82.50 | 82.50 | 80.55 | 40.00 | |
| D-219 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-219 | Gross loan - Opening | 0.00 | 1091.00 | 1091.00 | 1091.00 | 1091.00 | Canara CO |
| D-219 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Canara CO |
| D-219 | Net Loan Opening | 0.00 | 1091.00 | 1091.00 | 1091.00 | 1091.00 | Canara CO |
| D-219 | add: Drawal(s) during the year | 1091 | | | | | Canara CO |
| D-219 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1091.00 | Canara CO |
| D-219 | Net Loan Closing | 1091.00 | 1091.00 | 1091.00 | 1091.00 | 0.00 | Canara CO |
| D-219 | Average Net Loan | 545.50 | 1091.00 | 1091.00 | 1091.00 | 545.50 | |
| D-219 | Rate of Interest on loan on annual basis | 8.890109 | 8.250000 | 8.250000 | 8.054658 | 8.000000 | Can |
| D-219 | Interest on Loan Annualised | 48.33 | 90.01 | 90.01 | 87.88 | 43.64 | |
| D-220 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-220 | Gross loan - Opening | 0.00 | 1864.00 | 1864.00 | 1864.00 | 1864.00 | IFCL CO |
| D-220 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IFCL CO |
| D-220 | Net Loan Opening | 0.00 | 1864.00 | 1864.00 | 1864.00 | 1864.00 | IFCL CO |
| D-220 | add: Drawal(s) during the year | 1864 | | | | | IFCL CO |
| D-220 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1864.00 | IFCL CO |
| D-220 | Net Loan Closing | 1864.00 | 1864.00 | 1864.00 | 1864.00 | 0.00 | IFCL CO |
| D-220 | Average Net Loan | 932.00 | 1864.00 | 1864.00 | 1864.00 | 932.00 | |
| D-220 | Rate of Interest on loan on annual basis | 9.176137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IF |
| D-220 | Interest on Loan Annualised | 85.51 | 168.48 | 154.71 | 150.14 | 74.56 | |
| D-221 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-221 | Gross loan - Opening | 0.00 | 1864.00 | 1864.00 | 1864.00 | 1864.00 | IFCL CO |
| D-221 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | IFCL CO |
| D-221 | Net Loan Opening | 0.00 | 1864.00 | 1864.00 | 1864.00 | 1864.00 | IFCL CO |
| D-221 | add: Drawal(s) during the year | 1864 | | | | | IFCL CO |
| D-221 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1864.00 | IFCL CO |
| D-221 | Net Loan Closing | 1864.00 | 1864.00 | 1864.00 | 1864.00 | 0.00 | IFCL CO |
| D-221 | Average Net Loan | 932.00 | 1864.00 | 1864.00 | 1864.00 | 932.00 | |
| D-221 | Rate of Interest on loan on annual basis | 9.176137 | 8.930137 | 8.299863 | 8.054658 | 8.000000 | IF |
| D-221 | Interest on Loan Annualised | 85.51 | 168.48 | 154.71 | 150.14 | 74.56 | |
| D-222 | Loan-1 (Consortium of banks/FI) | | | | | | |
| D-222 | Gross loan - Opening | 0.00 | 1045.00 | 1045.00 | 1045.00 | 1045.00 | UBI CO |
| D-222 | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | UBI CO |
| D-222 | Net Loan Opening | 0.00 | 1045.00 | 1045.00 | 1045.00 | 1045.00 | UBI CO |
| D-222 | add: Drawal(s) during the year | 1045 | | | | | UBI CO |
| D-222 | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 1045.00 | UBI CO |
| D-222 | Net Loan Closing | 1045.00 | 1045.00 | 1045.00 | 1045.00 | 0.00 | UBI CO |
| D-222 | Average Net Loan | 522.50 | 1045.00 | 1045.00 | 1045.00 | 522.50 | |
| D-222 | Rate of Interest on loan on annual basis | 8.599180 | 8.881781 | 8.250000 | 8.054658 | 8.000000 | UBI |
| D-222 | Interest on Loan Annualised | 44.93 | 92.61 | 86.21 | 84.17 | 41.80 | |
| Total | Loan- (Consortium of banks/FI) | | | | | | |
| Total | Gross loan - Opening | 261741.47 | 298605.47 | 268605.47 | 268605.47 | 268605.47 | |
| | Cumulative repayments of Loans upto previous period | | | | | | |
| | Net Loan Opening | 33410.04 | 48867.07 | 67881.72 | 88578.48 | 109969.69 | |
| | add: Drawal(s) during the year | 228331.43 | 219718.40 | 200743.75 | 180226.99 | 158805.78 | |
| | Less: Repayment(s) during the year | 6864.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Net Loan Closing | 15477.03 | 18974.85 | 20716.78 | 21421.21 | 158905.72 | |
| | Average Net Loan | 219718.40 | 200743.75 | 180026.99 | 158505.78 | 0.00 | |
| | Rate of Interest on loan on annual basis | 8.9006 | 8.4965 | 8.2631 | 8.1019 | 8.0000 | |
| | Interest on Loan Annualised | 19638.58 | 17860.13 | 15731.85 | 13717.91 | 6344.23 | |
| D-1 | Loan-2 (NTPC) | | | | | | |
| D-1 | Gross loan - Opening | 3000.00 | 6000.00 | 6000.00 | 6000.00 | 6000.00 | |
| | Cumulative repayments of Loans upto previous period | 3000.00 | 6000.00 | 6000.00 | 6000.00 | 6000.00 | |
| | Net Loan Opening | 3000.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | add: Drawal(s) during the year | | | | | | |
| | Less: Repayment(s) during the year | 3000.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Average Net Loan | 1500.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Rate of Interest on loan on annual basis | 10.0000 | | | | | |
| | Interest on Loan Annualised | 150.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D-2 | Loan-2 (NTPC) | | | | | | |
| D-2 | Gross loan - Opening | 3000.00 | 3000.00 | 3000.00 | 3000.00 | 3000.00 | |
| | Cumulative repayments of Loans upto previous period | 1500.00 | 3000.00 | 3000.00 | 3000.00 | 3000.00 | |
| | Net Loan Opening | 1500.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

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

Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpadan Nigam Limited) | | | | | Lender |
|--------------------------------|---|--|----------|----------|----------|----------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x198 MW) | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| | add: Drawal(s) during the year | | | | | | |
| | Less: Repayment(s) during the year | 1500.00 | | | | | |
| | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Average Net Loan | 750.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Rate of Interest on loan on annual basis | 10.0000 | | | | | |
| | Interest on Loan Annualised | 75.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| D-3 | Loan-2 (NTPC) | | | | | | |
| D-3 | Gross loan - Opening | 3100.00 | 3100.00 | 3100.00 | 3100.00 | 3100.00 | |
| | Cumulative repayments of Loans upto previous period | 1550.00 | 3100.00 | 3100.00 | 3100.00 | 3100.00 | |
| | Net Loan Opening | 1550.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Less: Repayment(s) during the year | 1550.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Average Net Loan | 775.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Rate of Interest on loan on annual basis | 10.0000 | | | | | |
| | Interest on Loan Annualised | 77.50 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | | | | | | |
| | | | | | | | |
| Total | Loan- (NTPC) | | | | | | |
| | Gross loan - Opening | 12100.00 | 12100.00 | 12100.00 | 12100.00 | 12100.00 | |
| | Cumulative repayments of Loans upto previous period | 6050.00 | 12100.00 | 12100.00 | 12100.00 | 12100.00 | |
| | Net Loan Opening | 6050.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | add: Drawal(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Less: Repayment(s) during the year | 6050.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

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




Calculation of Weighted Average Rate of Interest on Actual Loans

| Name of the Petitioner | | NTPC Limited (Formerly Kanti Bijlee Utpada Nigam Limited) | | | | | |
|--------------------------------|--|---|-----------|-----------|-----------|------------|--------|
| Name of the Generating Station | | Muzaffarpur TPS Stage-II (2x195 MW) | | | | | |
| (Amount in Rs. Lakh) | | | | | | | |
| SL No | Loan | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Lender |
| | Average Net Loan | 3025.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Rate of Interest on loan on annual basis | 10.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| | Interest on Loan Annualised | 302.50 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Loan-3 | | | | | | |
| | HDFC Bank Limited-VII - Refinancing of Consortium Loans | | | | | | |
| | Gross loan - Opening | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Net Loan Opening | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | add: Drawal(s) during the year | 0 | | | | 5000.00 | 0.00 |
| | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 5000.00 | 0.00 |
| | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 2500.00 | |
| | Rate of Interest on loan on annual basis | - | - | - | - | 7.966200 | 0 |
| | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 198.91 | |
| | Loan-4 | | | | | | |
| | PNB-V - Refinancing of Consortium Loans | | | | | | |
| | Gross loan - Opening | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Net Loan Opening | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | add: Drawal(s) during the year | 0 | | | | 148332 | 0.00 |
| | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 12361.00 | 0.00 |
| | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 135971.00 | 0.00 |
| | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 67985.50 | |
| | Rate of Interest on loan on annual basis | - | - | - | - | 7.960000 | 0 |
| | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 5404.85 | |
| | Loan-5 | | | | | | |
| | Bank of India-V-A - Refinancing of consortium Loans | | | | | | |
| | Gross loan - Opening | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Net Loan Opening | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | add: Drawal(s) during the year | 0 | | | | 2,117.89 | 0.00 |
| | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 2,117.89 | 0.00 |
| | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 1058.95 | |
| | Rate of Interest on loan on annual basis | - | - | - | - | 6.000000 | 0 |
| | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 84.72 | |
| | Loan-6 | | | | | | |
| | UCO Bank-IV - Refinancing of consortium Loans | | | | | | |
| | Gross loan - Opening | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Cumulative repayments of Loans upto previous period | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Net Loan Opening | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | add: Drawal(s) during the year | 0 | | | | 3155.22433 | 0.00 |
| | Less: Repayment(s) during the year | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Net Loan Closing | 0.00 | 0.00 | 0.00 | 0.00 | 3155.22 | 0.00 |
| | Average Net Loan | 0.00 | 0.00 | 0.00 | 0.00 | 1577.61 | |
| | Rate of Interest on loan on annual basis | - | - | - | - | 7.860000 | 0 |
| | Interest on Loan Annualised | 0.00 | 0.00 | 0.00 | 0.00 | 123.84 | |
| Grand Total | Loan-(Consortium Loans, NTPC Loans (prior to merger with NTPC Ltd) and Bank Loans (after merger with NTPC Ltd)) | | | | | | |
| | Gross loan - Opening | 273841.47 | 280705.47 | 280705.47 | 280706.47 | 280706.47 | |
| | Cumulative repayments of Loans upto previous period | 39460.04 | 60907.07 | 79961.72 | 100678.48 | 122099.69 | |
| | Net Loan Opening | 234381.43 | 219718.40 | 200743.75 | 180026.99 | 158605.78 | |
| | add: Drawal(s) during the year | 6854.00 | 0.00 | 0.00 | 0.00 | 158605.12 | |
| | Less: Repayment(s) during the year | 21527.03 | 18974.65 | 26716.78 | 21421.21 | 170996.72 | |
| | Net Loan Closing | 219718.40 | 200743.75 | 180026.99 | 158605.78 | 146244.17 | |
| | Average Net Loan | 227049.91 | 210231.07 | 190385.37 | 169316.38 | 152424.98 | |
| | Rate of Interest on loan on annual basis | 8.9153 | 8.4966 | 8.2631 | 8.1019 | 7.9754 | |
| | Interest on Loan Annualised | 20242.98 | 17860.13 | 15731.65 | 13717.91 | 12156.54 | |

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

(Petitioner)


| Name of the Petitioner | | NTPC Limited (Formerly Nard Billee Utpadan Nigam Limited) | | | | | | | | | | | |
|---|-----------------------|---|------------|------------|------------|----------|---------|---------|---------|---------|---------|---------|---------|
| Name of the Generating Station | | MTPS/Muzaffarpur TPS Stage-II (2x198 MW) | | | | | | | | | | | |
| Weighted Average interest rate details: | | | | | | | | | | | | | |
| BP No. | BANK | RATE OF INTEREST | FROM | TO | No of days | Fin Year | Product | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Tagging |
| 5050000281 & 5050001301 | SBI | 8.95% | 01-04-2019 | 13-02-2020 | 119 | 2019-20 | 28.5506 | | | | | | |
| 5050000281 & 5050001301 | SBI | 8.25% | 14-02-2020 | 21-03-2020 | 47 | 2019-20 | 3.8775 | | | | | | |
| 5050000281 & 5050001301 | SBI | 8.25% | 01-04-2020 | 21-03-2021 | 365 | 2020-21 | 30.1125 | | | | | | |
| 5050000281 & 5050001301 | SBI | 8.25% | 01-04-2021 | 21-03-2022 | 365 | 2021-22 | 30.1125 | | | | | | |
| 5050000281 & 5050001301 | SBI | 8.25% | 01-04-2022 | 13-08-2022 | 135 | 2022-23 | 11.1175 | | | | | | |
| 5050000281 & 5050001301 | SBI | 8.75% | 14-08-2022 | 21-11-2022 | 92 | 2022-23 | 8.05 | | | | | | |
| 5050000281 & 5050001301 | SBI | 7.60% | 14-11-2022 | 13-02-2023 | 92 | 2022-23 | 6.992 | | | | | | |
| 5050000281 & 5050001301 | SBI | 8.00% | 14-02-2023 | 21-03-2023 | 46 | 2022-23 | 3.68 | 8.86011 | 8.25000 | 8.25000 | 8.18068 | 8.00000 | SBI |
| 5050000281 & 5050001301 | SBI | 8.00% | 01-04-2023 | 26-04-2023 | 26 | 2023-24 | 2.08 | | | | | | |
| 5050000282 & 5050001302 | CANARA BANK | 8.95% | 01-04-2019 | 13-02-2020 | 119 | 2019-20 | 28.5506 | | | | | | |
| 5050000282 & 5050001302 | CANARA BANK | 8.25% | 14-02-2020 | 21-03-2020 | 47 | 2019-20 | 3.8775 | | | | | | |
| 5050000282 & 5050001302 | CANARA BANK | 8.25% | 01-04-2020 | 21-03-2021 | 365 | 2020-21 | 30.1125 | | | | | | |
| 5050000282 & 5050001302 | CANARA BANK | 8.25% | 01-04-2021 | 21-03-2022 | 365 | 2021-22 | 30.1125 | | | | | | |
| 5050000282 & 5050001302 | CANARA BANK | 8.25% | 01-04-2022 | 13-11-2022 | 227 | 2022-23 | 18.7275 | | | | | | |
| 5050000282 & 5050001302 | CANARA BANK | 7.60% | 14-11-2022 | 13-02-2023 | 92 | 2022-23 | 6.992 | | | | | | |
| 5050000282 & 5050001302 | CANARA BANK | 8.00% | 14-02-2023 | 21-03-2023 | 46 | 2022-23 | 3.68 | 8.86011 | 8.25000 | 8.25000 | 8.05466 | 8.00000 | CAN |
| 5050000282 & 5050001302 | CANARA BANK | 8.00% | 01-04-2023 | 26-04-2023 | 26 | 2023-24 | 2.08 | | | | | | |
| | UBI/PNB | 8.35% | 01-04-2019 | 21-10-2019 | 214 | 2019-20 | 17.869 | | | | | | |
| | UBI/PNB | 8.95% | 01-11-2019 | 21-03-2020 | 152 | 2019-20 | 13.604 | | | | | | |
| | UBI/PNB | 8.95% | 01-04-2020 | 21-01-2021 | 219 | 2020-21 | 28.5505 | | | | | | |
| | UBI/PNB | 8.25% | 14-02-2021 | 21-03-2021 | 46 | 2020-21 | 3.795 | | | | | | |
| | UBI/PNB | 8.25% | 01-04-2021 | 21-03-2022 | 365 | 2021-22 | 30.1125 | | | | | | |
| | UBI/PNB | 8.25% | 01-04-2022 | 13-11-2022 | 227 | 2022-23 | 18.7275 | 8.58918 | 8.86178 | 8.25000 | 8.05466 | 8.00000 | UBI |
| | UBI/PNB | 7.60% | 14-11-2022 | 13-02-2023 | 92 | 2022-23 | 6.992 | | | | | | |
| | UBI/PNB | 8.00% | 14-02-2023 | 21-03-2023 | 46 | 2022-23 | 3.68 | | | | | | |
| | UBI/PNB | 8.00% | 01-04-2023 | 26-04-2023 | 26 | 2023-24 | 2.08 | | | | | | |
| 5070000041 & 5070000071 | IFCL | 9.10% | 01-04-2019 | 30-06-2019 | 91 | 2019-20 | 8.281 | | | | | | |
| 5070000041 & 5070000071 | IFCL | 9.20% | 01-07-2019 | 21-03-2020 | 275 | 2019-20 | 25.3 | | | | | | |
| 5070000041 & 5070000071 | IFCL | 9.20% | 01-04-2020 | 30-06-2020 | 91 | 2020-21 | 8.372 | | | | | | |
| 5070000041 & 5070000071 | IFCL | 9.00% | 01-07-2020 | 17-11-2020 | 140 | 2020-21 | 12.6 | | | | | | |
| 5070000041 & 5070000071 | IFCL | 8.85% | 18-11-2020 | 21-01-2021 | 75 | 2020-21 | 6.6375 | | | | | | |
| 5070000041 & 5070000071 | IFCL | 8.45% | 01-02-2021 | 11-03-2021 | 59 | 2020-21 | 4.9855 | | | | | | |
| 5070000041 & 5070000071 | IFCL | 8.45% | 01-04-2021 | 30-06-2021 | 91 | 2021-22 | 7.6895 | | | | | | |
| 5070000041 & 5070000071 | IFCL | 8.25% | 01-07-2021 | 21-03-2022 | 274 | 2021-22 | 22.605 | | | | | | |
| 5070000041 & 5070000071 | IFCL | 8.25% | 01-04-2022 | 11-11-2022 | 227 | 2022-23 | 18.7275 | | | | | | |
| 5070000041 & 5070000071 | IFCL | 7.60% | 14-11-2022 | 13-02-2023 | 92 | 2022-23 | 6.992 | | | | | | |
| 5070000041 & 5070000071 | IFCL | 8.00% | 14-02-2023 | 21-03-2023 | 46 | 2022-23 | 3.68 | 9.17516 | 8.93014 | 8.29086 | 8.05466 | 8.00000 | IF |
| 5070000041 & 5070000071 | IFCL | 8.00% | 01-04-2023 | 26-04-2023 | 26 | 2023-24 | 2.08 | | | | | | |
| 5050000791 | HDFC Bank Limited-VII | 8.01% | 27-Apr-23 | 31-May-23 | 35 | 2023-24 | 2.8035 | | | | | | 7.95620 |
| 5050000791 | HDFC Bank Limited-VII | 7.95% | 01-Jun-23 | 31-Mar-24 | 305 | 2023-24 | 24.2475 | | | | | | |
| 5050000931 | PNB-V | 7.90% | 01-Apr-23 | 31-Mar-24 | 366 | 2023-24 | 28.914 | | | | | | 7.90000 |
| 5050001121 | Bank of India-V-A | 8.00% | 01-Apr-23 | 31-Mar-24 | 366 | 2023-24 | 29.29 | | | | | | 8.00000 |
| 5050001342 | UCO Bank-IV | 7.70% | 01-Apr-23 | 31-Mar-24 | 366 | 2023-24 | 28.182 | | | | | | 7.70000 |


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

Details of Source wise Fuel for Computation of Energy Charges

| Name of the Company : | | NTPC Ltd (erstwhile KBUNL) | | | | | | |
|-----------------------------|---|----------------------------|-----------------|----------|-----------------|----------|-----------------|----------|
| Name of the Power Station : | | MTPS Stage-I (2x110 MW) | | | | | | |
| S. No. | Month | Unit | Oct-18 | | Nov-18 | | Dec-18 | |
| | | | Domestic Source | Imported | Domestic Source | Imported | Domestic Source | Imported |
| A) | OPENING QUANTITY | | | | | | | |
| 1 | Opening Quantity of Coal/Lignite | (MMT) | 27,226.91 | - | 37,183.65 | - | 32,913.49 | - |
| 2 | Value of Stock | (Rs.) | 10,72,30,109.02 | - | 14,04,18,068.98 | - | 12,17,07,516.84 | - |
| B) | QUANTITY | | | | | | | |
| 3 | Quantity of Coal/Lignite supplied by Coal/Lignite Company | (MMT) | 1,83,540.00 | - | 1,92,426.25 | - | 2,15,922.98 | - |
| 4 | Adjustment (+/-) in quantity supplied made by Coal/Lignite Company | (MMT) | - | - | - | - | - | - |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | (MMT) | 1,83,540.00 | - | 1,92,426.25 | - | 2,15,922.98 | - |
| 6 | Normalive Transit & Handling Losses (For coal/ Lignite based projects) | (MMT) | 1,466.32 | - | 1,539.41 | - | 1,727.36 | - |
| 7 | Net coal / Lignite Supplied (5-8) | (MMT) | 1,82,073.68 | - | 1,90,886.84 | - | 2,14,195.60 | - |
| C) | PRICE | | | | | | | |
| 8 | Amount charged by the Coal /Lignite Company | (Rs.) | 49,02,49,697.00 | - | 49,00,57,998.00 | - | 54,22,06,498.00 | - |
| 9 | Adjustment (+/-) in amount charged made by Coal/Lignite Company | (Rs.) | - | - | - | - | 2,47,54,212.22 | - |
| 10 | Handling, Sampling and such other similar charges (Other Charges) | (Rs.) | 1,08,636.83 | - | 61,82,273.02 | - | 3,40,05,401.16 | - |
| 11 | Total amount Charged (8+9+10) | (Rs.) | 49,93,58,243.83 | - | 49,62,40,271.02 | - | 60,09,67,111.38 | - |
| D) | TRANSPORATION | | | | | | | |
| 12 | Transportation charges by rail/ship/road transport | (Rs.) | 18,37,95,358 | - | 20,67,00,803 | - | 24,06,76,075 | - |
| | By Rail | (Rs.) | 18,37,95,358 | - | 20,67,00,803 | - | 24,06,76,075 | - |
| | By Road | | - | - | - | - | - | - |
| | By Ship | | - | - | - | - | - | - |
| 13 | Adjustment (+/-) in amount charged made by Railways/Transport Company | (Rs.) | - | - | - | - | - | - |
| 14 | Demurrage Charges, if any | (Rs.) | - | - | - | - | - | - |
| 15 | Cost of diesel in transporting coal through MGR system, if applicable | (Rs.) | - | - | - | - | - | - |
| 16 | Total Transportation Charges (12+13-14+15) | (Rs.) | 18,37,95,358 | - | 20,67,00,803 | - | 24,06,76,075 | - |
| 17 | Total amount Charged for coal/lignite supplied including Transportation (11+16) | (Rs.) | 68,31,53,601.83 | - | 70,29,41,074.02 | - | 84,16,43,186.38 | - |
| E) | TOTAL COST | | | | | | | |
| 18 | Landed cost of coal/ Lignite (2+17)/(1+7) | Rs./MT | 3,776.35 | - | 3,697.80 | - | 3,898.48 | - |
| 19 | Blending Ratio | % | 100 | - | 100 | - | 100 | - |
| 20 | Weighted average cost of coal/ Lignite (including Biomass) | Rs./MT | 3,776.35 | - | 3,697.80 | - | 3,898.48 | - |
| 20.1 | Weighted average cost of coal/ Lignite (excluding Biomass) | Rs./MT | 3,776.35 | - | 3,697.80 | - | 3,898.48 | - |
| F) | QUALITY | | | | | | | |
| 21 | GCV of Domestic Coal of the opening coal stock as per bill of Coal Company | (kCal/Kg) | 4707 | - | 4821 | - | 4738 | - |
| 22 | GCV of Domestic Coal supplied as per bill of Coal Company | (kCal/Kg) | 4821 | - | 4738 | - | 4483 | - |
| 23 | GCV of Imported Coal of the opening stock as per bill Coal Company | (kCal/Kg) | - | - | - | - | - | - |
| 24 | GCV of Imported Coal supplied as per bill Coal Company | (kCal/Kg) | - | - | - | - | - | - |
| 25 | Weighted average GCV of coal/ Lignite as Billed (including Biomass) | (kCal/Kg) | 4821 | - | 4738 | - | 4483 | - |
| 25.1 | Weighted average GCV of coal/ Lignite as Billed (excluding Biomass) | (kCal/Kg) | 4821 | - | 4738 | - | 4483 | - |
| 26 | GCV of Domestic Coal of the opening stock as received at Station | (kCal/Kg) | 4078 | - | 4219 | - | 4145 | - |
| 27 | GCV of Domestic Coal supplied as received at Station | (kCal/Kg) | 4240 | - | 4132 | - | 4140 | - |
| 28 | GCV of Imported Coal of opening stock as received at Station | (kCal/Kg) | - | - | - | - | - | - |
| 29 | GCV of Imported Coal supplied as received at Station | (kCal/Kg) | - | - | - | - | - | - |
| 30 | Weighted average GCV of coal/ Lignite as Received (including Biomass) | (kCal/Kg) | 4219 | - | 4145 | - | 4140 | - |
| 30.1 | Weighted average GCV of coal/ Lignite as Received (excluding Biomass) | (kCal/Kg) | 4219 | - | 4145 | - | 4140 | - |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI

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


(Petitioner)

Details of Secondary Fuel for Computation of Energy Charges

| Name of the Company : | | NTPC Ltd (Erstwhile KBUNL) | | | |
|-----------------------------|---|----------------------------|-------------|-------------|-------------|
| Name of the Power Station : | | MTPS Stage-I (2x110 MW) | | | |
| Sl.No. | Month | Unit | Oct-18 | Nov-18 | Dec-18 |
| | | | LDO | LDO | LDO |
| A | Opening Quantity | | | | |
| 1 | Opening Stock | KL | 906.09 | 836.92 | 872.83 |
| 2 | Value of Opening Stock | (Rs) | 50032208.02 | 47615504.44 | 51198370.24 |
| B | Quantity | | | | |
| 3 | Quantity of Oil supplied by Oil Company | KL | 219.62 | 220.03 | 484.03 |
| 4 | Adjustment(+/-) in quantity supplied made by Oil Company | KL | - | 0 | 0 |
| 5 | Oil supplied by Oil Company (3+4) | KL | 219.62 | 220.03 | 484.03 |
| 6 | Normative Transit & Handling Losses | KL | - | - | - |
| 7 | Net Oil Supplied (5-6) | KL | 219.62 | 220.03 | 484.03 |
| C | Price | | | | |
| 8 | Amount charged by the Oil Company | (Rs) | 1,40,13,850 | 1,54,26,345 | 2,68,08,694 |
| 9 | Adjustment(+/-) in amount charged made by Oil Company | (Rs) | - | -10,43,894 | -1,07,307 |
| 10 | Handling, Sampling and such other similar charges | | - | - | - |
| 11 | Total amount charged (8+9+10) | (Rs) | 1,40,13,850 | 1,43,82,451 | 2,67,01,387 |
| D | Transportation | | | | |
| 12 | Transportation charges by rail / ship / road transport | (Rs) | - | - | - |
| | By Rail | | | | |
| | By Road | | | | |
| | By Ship | | | | |
| 13 | Adjustment (+/-) in amount charged made by Railways/Transport Company | (Rs) | Inclusive | Inclusive | Inclusive |
| 14 | Demurrage Charges, if any | (Rs) | | | |
| 15 | Total Transportation Charges (12+13+14+15) | (Rs) | | | |
| 16 | Others Charges | (Rs.) | - | - | - |
| 17 | Total amount Charged for Oil supplied including Transportation (11+15+16) | (Rs) | 1,40,13,850 | 1,43,82,451 | 2,67,01,387 |
| E | Total Cost | | | | |
| 18 | Weighted average cost of Oil | (Rs/KL) | 56,894.07 | 58,657.69 | 57,411.66 |
| F | Quantity | | | | |
| 19 | GCV of Oil of the opening stock | Kcal/KL | 9,572 | 9,450 | 9,518 |
| 20 | Weighted average GCV of Oil | Kcal/KL | 9,450.00 | 9,518.00 | 9,624.00 |



(Petitioner)

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


Details of Source wise Fuel for Computation of Energy Charges.

| Name of the Company : NTPC Ltd (erstwhile KBUNL) | | Unit | Oct-19 | | Nov-19 | | Dec-19 | |
|--|---|-----------|-----------------|----------|-----------------|----------|-----------------|----------|
| Name of the Power Station : MTPS Stage-1 (2x110 MW) | | | Domestic Source | Imported | Domestic Source | Imported | Domestic Source | Imported |
| A) OPENING QUANTITY | | | | | | | | |
| 1 | Opening Quantity of Coal/Lignite | (MMT) | 61,744.85 | - | 74,171.13 | - | 86,083.43 | - |
| 2 | Value of Stock | (Rs.) | 23,70,01,389.92 | - | 27,38,76,284.53 | - | 31,02,04,384.29 | - |
| B) QUANTITY | | | | | | | | |
| 3 | Quantity of Coal/Lignite supplied by Coal/Lignite Company | (MMT) | 1,81,172.16 | - | 1,46,724.97 | - | 1,72,870.27 | - |
| 4 | Adjustment (+/-) in quantity supplied made by Coal/Lignite Company | (MMT) | - | - | - | - | - | - |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | (MMT) | 1,81,172.16 | - | 1,46,724.97 | - | 1,72,870.27 | - |
| 6 | Normalative Transit & Handling Losses (For coal/Lignite based projects) | (MMT) | 1,443.38 | - | 1,173.80 | - | 1,382.96 | - |
| 7 | Net coal / Lignite Supplied (5-6) | (MMT) | 1,79,722.78 | - | 1,45,551.17 | - | 1,71,487.31 | - |
| C) PRICE | | | | | | | | |
| 8 | Amount charged by the Coal/Lignite Company | (Rs.) | 44,80,80,900 | - | 31,93,49,432 | - | 40,74,68,389 | - |
| 9 | Adjustment (+/-) in amount charged made by Coal/Lignite Company | (Rs.) | -16,70,071.23 | - | -11,54,508.41 | - | - | - |
| 10 | Handling, Sampling and such other similar charges | (Rs.) | 68,02,196.57 | - | 93,54,520.76 | - | 1,33,90,427.74 | - |
| 11 | Total amount Charged (8+9+10) | (Rs.) | 45,32,13,025.34 | - | 32,45,59,344.35 | - | 42,08,58,816.74 | - |
| D) TRANSPORTATION | | | | | | | | |
| 12 | Transportation charges by rail/ship/road transport | (Rs.) | 20,14,02,923 | - | 17,53,82,772 | - | 21,15,34,896 | - |
| | By Rail | (Rs.) | 20,14,02,923 | - | 17,53,82,772 | - | 21,15,34,896 | - |
| | By Road | - | - | - | - | - | - | - |
| | By Ship | - | - | - | - | - | - | - |
| 13 | Adjustment (+/-) in amount charged made by Railways/Transport Company | (Rs.) | - | - | - | - | - | - |
| 14 | Demurrage Charges, if any | (Rs.) | - | - | - | - | - | - |
| 15 | Cost of diesel in transporting coal through MGR system, if applicable | (Rs.) | - | - | - | - | - | - |
| 16 | Total Transportation Charges (12+13+14+15) | (Rs.) | 20,14,02,923.00 | - | 17,53,82,772.00 | - | 21,15,34,896.00 | - |
| 17 | Total amount Charged for coal/lignite supplied including Transportation (11+16) | (Rs.) | 65,46,15,948.34 | - | 49,99,22,116.35 | - | 63,23,93,712.74 | - |
| E) TOTAL COST | | | | | | | | |
| 18 | Landed cost of coal/Lignite (2+17)/(1+7) | Rs./MT | 3,692.49 | - | 3,521.71 | - | 3,631.37 | - |
| 19 | Blending Ratio | % | 100.00 | - | 100.00 | - | 100.00 | - |
| 20 | Weighted average cost of coal/Lignite (including Biomass) | Rs./MT | 3,692.49 | - | 3,521.71 | - | 3,631.37 | - |
| 20.1 | Weighted average cost of coal/Lignite (excluding Biomass) | Rs./MT | 3,692.49 | - | 3,521.71 | - | 3,631.37 | - |
| F) QUALITY | | | | | | | | |
| 21 | GCV of Domestic Coal of the opening coal stock as per bill of Coal Company | (kCal/Kg) | 4424 | - | 4473 | - | 4387 | - |
| 22 | GCV of Domestic Coal supplied as per bill of Coal Company | (kCal/Kg) | 4490 | - | 4344 | - | 4458 | - |
| 23 | GCV of Imported Coal of the opening stock as per bill of Coal 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 Biomass) | (kCal/Kg) | 4473 | - | 4387 | - | 4434 | - |
| 25.1 | Weighted average GCV of coal/Lignite as Billed (excluding Biomass) | (kCal/Kg) | 4473 | - | 4387 | - | 4434 | - |
| 26 | GCV of Domestic Coal of the opening stock as received at Station | (kCal/Kg) | 3855 | - | 3730 | - | 3608 | - |
| 27 | GCV of Domestic Coal supplied as received at Station | (kCal/Kg) | 3687 | - | 3547 | - | 3580 | - |
| 28 | GCV of Imported Coal of opening stock as received at Station | (kCal/Kg) | - | - | - | - | - | - |
| 29 | GCV of Imported Coal supplied as received at Station | (kCal/Kg) | - | - | - | - | - | - |
| 30 | Weighted average GCV of coal/Lignite as Received (including Biomass) | (kCal/Kg) | 3730 | - | 3608 | - | 3589 | - |
| 30.1 | Weighted average GCV of coal/Lignite as Received (excluding Biomass) | (kCal/Kg) | 3730 | - | 3608 | - | 3689 | - |

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

Details of Secondary Fuel for Computation of Energy Charges

| Name of the Company : | | NTPC Ltd (Erstwhile KBUNL) | | | |
|-----------------------------|---|----------------------------|----------------|----------------|----------------|
| Name of the Power Station : | | MTPS Stage-I (2x110 MW) | | | |
| Sl.No. | Month | Unit | Oct-19 | Nov-19 | Dec-19 |
| | | | LDO | LDO | LDO |
| A Opening Quantity | | | | | |
| 1 | Opening Stock | KL | 841.505 | 881.552 | 769.698 |
| 2 | Value of Opening Stock | Rs | 4,58,40,268.72 | 4,81,62,289.45 | 4,20,48,672.82 |
| B) Quantity | | | | | |
| 3 | Quantity of Oil supplied by Oil Company | KL | 188.00 | - | 24.00 |
| 4 | Adjustment(+/-) in quantity supplied made by Oil Company | KL | -0.32 | 0 | 0 |
| 5 | Oil supplied by Oil Company (3+4) | KL | 187.68 | - | 24.00 |
| 6 | Normative Transit & Handling Losses | KL | - | - | - |
| 7 | Net Oil Supplied (5-6) | KL | 187.68 | - | 24.00 |
| C Price | | | | | |
| 8 | Amount charged by the Oil Company | (Rs) | 1,04,05,056 | - | 12,44,859 |
| 9 | Adjustment(+/-) in amount charged made by Oil Company | (Rs) | -17,270 | - | - |
| 10 | Handling, Sampling and such other similar charges | | | | |
| 11 | Total amount charged (8+9+10) | (Rs) | 1,03,87,785.92 | - | 12,44,859.00 |
| D Transportation | | | | | |
| 12 | Transportation charges by rail / ship / road transport | (Rs) | - | - | - |
| | By Rail | | | | |
| | By Road | | | | |
| | By Ship | | | | |
| 13 | Adjustment (+/-) in amount charged made by Railways/Transport Company | (Rs) | Inclusive | Inclusive | Inclusive |
| 14 | Demurrage Charges, if any | (Rs) | | | |
| 15 | Total Transportation Charges (12+13+14+15) | (Rs) | | | |
| 16 | Others Charges | (Rs.) | - | - | - |
| 17 | Total amount Charged for Oil supplied including Transportation (11+15+16) | (Rs) | 1,03,87,785.92 | - | 12,44,859.00 |
| E Total Cost | | | | | |
| 18 | Weighted average cost of Oil | (Rs/KL) | 54633.52 | 54633.52 | 54549.93 |
| F Quantity | | | | | |
| 19 | GCV of Oil of the opening stock | Kcal/KL | 9575 | 9549 | 9649 |
| 20 | Weighted average GCV of Oil | Kcal/KL | 9549 | 9549 | 9649 |


(Petitioner)

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

Details of Source wise Fuel for Computation of Energy Charges.

| Name of the Company : MTPC Ltd (Erstwhile KRUNL) | | Unit | | Oct-20 | | Nov-20 | | Dec-20 | |
|--|---|-----------|--|-----------------|----------|-----------------|----------|-----------------|----------|
| Name of the Power Station : MTPS Stage-I (2x110 MW) | | | | Domestic Source | Imported | Domestic Source | Imported | Domestic Source | Imported |
| S. No. | Month | | | | | | | | |
| A) OPENING QUANTITY | | | | | | | | | |
| 1 | Opening Quantity of Coal/Lignite | (MMT) | | 85,174.09 | - | 1,15,696.88 | - | 1,06,639.62 | - |
| 2 | Value of Stock | (Rs.) | | 26,61,90,782.77 | - | 42,40,42,674.01 | - | 39,28,66,996.92 | - |
| B) QUANTITY | | | | | | | | | |
| 3 | Quantity of Coal/Lignite supplied by Coal/Lignite Company | (MMT) | | 1,76,883.49 | - | 1,37,769.33 | - | 1,62,041.17 | - |
| 4 | Adjustment (+/-) in quantity supplied made by Coal/Lignite Company | (MMT) | | - | - | - | - | - | - |
| 5 | Coal supplied by Coal/Lignite Company (3+4) | (MMT) | | 1,76,883.49 | - | 1,37,769.33 | - | 1,62,041.17 | - |
| 6 | Normative Transit & Handling Losses (For coal/Lignite based projects) | (MMT) | | 1,413.47 | - | 1,102.15 | - | 1,456.33 | - |
| 7 | Net coal/Lignite Supplied (5-6) | (MMT) | | 1,75,270.02 | - | 1,36,667.18 | - | 1,60,584.84 | - |
| C) PRICE | | | | | | | | | |
| 8 | Amount charged by the Coal/Lignite Company | (Rs.) | | 44,06,72,996 | - | 31,46,71,482 | - | 37,46,60,753 | - |
| 9 | Adjustment (+/-) in amount charged made by Coal/Lignite Company | (Rs.) | | -42,09,722.50 | - | -27,46,456.40 | - | -1,35,19,097.60 | - |
| 10 | Handling, Sampling and such other similar charges | (Rs.) | | 1,45,79,637.93 | - | 1,66,15,737.36 | - | 2,50,17,695.54 | - |
| 11 | Total amount Charged (8+9+10) | (Rs.) | | 45,10,42,881.33 | - | 32,87,40,752.96 | - | 38,63,79,350.94 | - |
| D) TRANSPORTATION | | | | | | | | | |
| 12 | Transportation charges by rail/ship/road transport | (Rs.) | | 21,54,47,195 | - | 15,97,67,060 | - | 24,03,94,588 | - |
| | By Road | (Rs.) | | 21,54,47,195 | - | 15,97,67,060 | - | 24,03,94,588 | - |
| | By Ship | | | - | - | - | - | - | - |
| E) TOTAL COST | | | | | | | | | |
| 13 | Adjustment (+/-) in amount charged made by Railways/Transport Company | (Rs.) | | - | - | - | - | - | - |
| 14 | Demurrage Charges, if any | (Rs.) | | - | - | - | - | - | - |
| 15 | Cost of diesel in transporting coal through MGR system, if applicable | (Rs.) | | - | - | - | - | - | - |
| 16 | Total Transportation Charges (12+13+14+15) | (Rs.) | | 21,54,47,195.00 | - | 15,97,67,060.00 | - | 24,03,94,588.00 | - |
| 17 | Total amount Charged for coal/lignite supplied including Transportation (11+16) | (Rs.) | | 66,64,90,066.33 | - | 48,85,27,852.96 | - | 62,67,73,938.94 | - |
| F) QUALITY | | | | | | | | | |
| 18 | Landed cost of coal/Lignite (2+17)/(1+7) | Rs./MT | | 3,665.43 | - | 3,616.23 | - | 3,525.43 | - |
| 19 | Blending Ratio | % | | 100.00 | - | 100.00 | - | 100.00 | - |
| 20 | Weighted average cost of coal/Lignite (including Biomass) | Rs./MT | | 3,665.43 | - | 3,616.23 | - | 3,525.43 | - |
| 20.1 | Weighted average cost of coal/Lignite (excluding Biomass) | Rs./MT | | 3,665.43 | - | 3,616.23 | - | 3,525.43 | - |
| G) QUALITY | | | | | | | | | |
| 21 | GCV of Domestic Coal of the opening coal stock as per bill of Coal Company | (KCal/Kg) | | 3989 | - | 4077 | - | 4,171 | - |
| 22 | GCV of Domestic Coal supplied as per bill of Coal Company | (KCal/Kg) | | 4119 | - | 4250 | - | 3,962 | - |
| 23 | GCV of Imported Coal of the opening stock as per bill of Coal 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 Biomass) | (KCal/Kg) | | 4077 | - | 4171 | - | 4,040 | - |
| 25.1 | Weighted average GCV of coal/Lignite as Billed (excluding Biomass) | (KCal/Kg) | | 4077 | - | 4171 | - | 4,040 | - |
| 26 | GCV of Domestic Coal of the opening stock as received at Station | (KCal/Kg) | | 3316 | - | 3625 | - | 3,695 | - |
| 27 | GCV of Domestic Coal supplied as received at Station | (KCal/Kg) | | 3773 | - | 3754 | - | 3,313 | - |
| 28 | GCV of Imported Coal of opening stock as received at Station | (KCal/Kg) | | - | - | - | - | - | - |
| 29 | GCV of Imported Coal supplied as received at Station | (KCal/Kg) | | - | - | - | - | - | - |
| 30 | Weighted average GCV of coal/Lignite as Received (including Biomass) | (KCal/Kg) | | 3625 | 0 | 3695 | 0 | 3456 | - |
| 30.1 | Weighted average GCV of coal/Lignite as Received (excluding Biomass) | (KCal/Kg) | | 3625 | 0 | 3695 | 0 | 3456 | - |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
 Addl. General Manager (Commercial)
 एन टी सी लिमिटेड/NTPC LIMITED
 एन.ओ.ए. कॉम्प्लेक्स, नरिन्द्रा, 201301

अपने सहायक/अधीक्षक (व्यक्तिगत)

(Petitioner)

Details of Secondary Fuel for Computation of Energy Charges

| Name of the Company : | | NTPC Ltd (Erstwhile KBUNL) | | | |
|-----------------------------|---|----------------------------|----------------|----------------|----------------|
| Name of the Power Station : | | MTPS Stage-I (2x110 MW) | | | |
| Sl.No | Month | Unit | Oct-20 | Nov-20 | Dec-20 |
| | | | LDO | LDO | LDO |
| A Opening Quantity | | | | | |
| 1 | Opening Stock | KL | 839.622 | 855.528 | 857.456 |
| 2 | Value of Opening Stock | Rs | 3,86,83,671.00 | 3,84,09,148.25 | 3,84,25,776.99 |
| B) Quantity | | | | | |
| 3 | Quantity of Oil supplied by Oil Company | KL | 331.00 | 24.00 | |
| 4 | Adjustment(+/-) in quantity supplied made by Oil Company | KL | - | -0.36 | - |
| 5 | Oil supplied by Oil Company (3+4) | KL | 331.00 | 23.64 | - |
| 6 | Normative Transit & Handling Losses for Coal /Lignite based projects) | KL | - | - | - |
| 7 | Net Oil Supplied (5-6) | KL | 331.00 | 23.64 | - |
| C Price | | | | | |
| 8 | Amount charged by the Oil Company | (Rs) | 1,38,71,702.93 | 10,04,893.58 | |
| 9 | Adjustment(+/-) in amount charged made by Oil Company | (Rs) | | -15,070 | - |
| 10 | Handling, Sampling and such other similar charges | | | | |
| 11 | Total amount charged (8+9+10) | (Rs) | 1,38,71,702.93 | 9,89,623.20 | - |
| D Transportation | | | | | |
| 12 | Transportation charges by rail / ship / road transport | (Rs) | - | - | - |
| | By Rail | | | | |
| | By Road | | | | |
| | By Ship | | | | |
| 13 | Adjustment (+/-) in amount charged made by Railways/Transport Company | (Rs) | Inclusive | Inclusive | Inclusive |
| 14 | Demurrage Charges, if any | (Rs) | | | |
| 15 | Total Transportation Charges (12+13+14+15) | (Rs) | | | |
| 16 | Others Charges | (Rs.) | - | - | - |
| 17 | Total amount Charged for Oil supplied including Transportation (11+15+16) | (Rs) | 1,38,71,702.93 | 9,89,623.20 | - |
| E Total Cost | | | | | |
| 18 | Weighted average cost of Oil | (Rs/KL) | 44,895.26 | 44,813.70 | 44,813.70 |
| F Quantity | | | | | |
| 19 | GCV of Oil of the opening stock | Kcal/KL | 9,512.00 | 9,463.00 | 9,459.00 |
| 20 | Weighted average GCV of Oil | Kcal/KL | 9,463.00 | 9,469.00 | 9,459.00 |



(Petitioner)

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

Computation of Energy Charges

Form- Q(ii)
ADDITIONAL FORM

| | |
|---------------------------|--|
| Name of the Company | NTPC (Erstwhile Kand Brijee Utpadan Nigam Ltd.) |
| Name of the Power Station | MTPS Stage-I (2x110 MW) |

Computation of Energy Charges

| | 2019-20 | 2020-21 | 2021-22 | |
|---|---------|---------|---------|---------------------------------------|
| 1 Rate of Energy Charge from Sec. Fuel Oil/ Alternate Fuel (p/kWh) ⁽¹⁾ | 16.719 | 23.736 | 24.704 | $= (Q_1) \times P_1$ |
| 2 Heat Contribution from SFO / Alternate Fuel (%) | 27.833 | 41.716 | 52.331 | $= (Q_2) \times (GCV)_1$ |
| 3 Heat Contribution from coal (%) | 2972.17 | 2968.28 | 2947.67 | $= (GHR) \times H_1$ |
| 4 Specific Primary Fuel Consumption Rate of Energy charge from Primary Fuel (p/kWh) | 0.7279 | 0.8316 | 0.8406 | $= H_1 / (GCV)_1$ |
| 5 Rate of Energy charge from Primary Fuel (p/kWh) | 275.952 | 300.640 | 302.792 | $(REC)_1$ |
| 6 Rate of Energy charge bus (p/kWh) | 339.133 | 392.757 | 394.194 | $= ((REC)_1 + (REC)_2) / (1 - (AUX))$ |
| | | | | 372.028 |

| | | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
|-------------------------|----------|----------|----------|----------|---------|---------|
| No. of Days in the year | Days | 366 | 365 | 365 | | |
| Sp. Oil consumption | ml/kWh | 2.91 | 4.35 | 5.51 | | |
| Auxiliary consumption | % | 13.70 | 17.41 | 14.76 | | |
| Heat Rate | Kcal/Kwh | 3,000.00 | 3,000.00 | 3,000.00 | | |

Computation of Variable Charges

| | | | | | | |
|------------------------|--------------|----------------|----------------|----------------|--|--|
| Variable Charge (Coal) | p/kWh | 319.758 | 364.015 | 355.212 | | |
| Variable Charge (Oil) | p/kWh | 19.374 | 28.742 | 28.982 | | |
| Total | p/kWh | 339.133 | 392.757 | 384.194 | | |

Price of fuel from Form-15/15A

| | | | | | |
|-----------|----------|----------|----------|----------|--|
| Coal Cost | (Rs./MT) | 3790.88 | 3615.19 | 3502.36 | |
| Oil Cost | (Rs./KL) | 57455.25 | 54570.53 | 44835.22 | |

Computation of Fuel Expenses for Calculation of IWC:

| | | | | | |
|-----------------------------|------------|---------|---------|---------|--|
| ESO in a year | (MU/s) | 1417.57 | 1352.92 | 1396.33 | |
| ESO for 50 days | (MU/s) | 193.657 | 185.332 | 191.26 | |
| Cost of coal for 50 days | (Rs. Lakh) | 6192.36 | 6746.36 | 6794.44 | |
| Cost of oil for 2 months | (Rs. Lakh) | 457.73 | 648.10 | 674.47 | |
| Energy Expenses for 45 days | (Rs. Lakh) | 6910.79 | 8551.14 | 8613.92 | |

| Coal | | 3rd month | 2nd month | 1st month | Wtd. Avg. |
|---|---------|-----------|-----------|-----------|----------------|
| Wtd. Avg. Price of Coal | Rs./MT | 3776.35 | 3697.80 | 3999.48 | 3790.88 |
| Wtd. Avg. GCV of Coal as received | kCal/Kg | 4219 | 4145 | 4140 | 4168.00 |
| Wtd. Avg. GCV of Coal as received after adjustment of 85 kcal/kg | | | | | 4083.00 |
| Sec. Oil | | | | | |
| Wtd. Avg. Price of Secondary Fuel | Rs./KL | 56894.07 | 58657.89 | 57411.66 | 57455.25 |
| Wtd. Avg. GCV of Secondary Fuel | kCal/L | 9450.00 | 9518.00 | 9624.00 | 9564.62 |

(2019-20)

| Coal | | 3rd month | 2nd month | 1st month | Wtd. Avg. |
|---|---------|-----------|-----------|-----------|----------------|
| Wtd. Avg. Price of Coal | Rs./MT | 3692.49 | 3521.71 | 3631.37 | 3615.19 |
| Wtd. Avg. GCV of Coal as received | kCal/Kg | 3730.00 | 3506.00 | 3589.00 | 3642.33 |
| Wtd. Avg. GCV of Coal as received after adjustment of 85 kcal/kg | | | | | 3557.33 |
| Sec. Oil | | | | | |
| Wtd. Avg. Price of Secondary Fuel | Rs./KL | 54633.52 | 54633.52 | 54549.93 | 54570.53 |
| Wtd. Avg. GCV of Secondary Fuel | kCal/L | 9649.00 | 9549.00 | 9649.00 | 9589.87 |

(2020-21)

| Coal | | 3rd month | 2nd month | 1st month | Wtd. Avg. |
|---|---------|-----------|-----------|-----------|----------------|
| Wtd. Avg. Price of Coal | Rs./MT | 3965.43 | 3816.23 | 3525.43 | 3602.99 |
| Wtd. Avg. GCV of Coal as received | kCal/Kg | 3625.00 | 3695.00 | 3456.00 | 3592.00 |
| Wtd. Avg. GCV of Coal as received after adjustment of 85 kcal/kg | | | | | 3507.00 |
| Sec. Oil | | | | | |
| Wtd. Avg. Price of Secondary Fuel | Rs./KL | 44895.26 | 44813.70 | 44813.70 | 44835.22 |
| Wtd. Avg. GCV of Secondary Fuel | kCal/L | 9463.00 | 9459.00 | 9459.00 | 9467.37 |

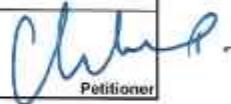
प्रशान्त चतुर्वेदी PRASHANT CHATURVEDI
 अपर महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड / NTPC LIMITED
 EOC, A-8A, Sector-24, NOIDA-201301

| Details Information to be submitted in respect of Capital Spares consumed during 2019-20 | | | | | | | Part-I Form-17 |
|--|---|----------------------------|--|---------------------------------------|--|--|---|
| Name of the Petitioner | | NTPC Ltd (erstwhile KBUNL) | | | | | |
| Name of the Generating Station | | MTPS Stage-I (2x110 MW) | | | | | |
| For the year | | 2019-20 | | | | | |
| Sl No | Details of Capital Spares and Expenses | Amount | Claimed as a part of additional capitalization | Funded through Compensatory Allowance | Funded through Special Allowance (If Applicable) | Claimed as a part of stores and spares | Justification |
| 1 | ADJUSTING COAL NOZZLE TIP | 5.77 | No | No | No | No | In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spares parts of equipment's which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(b) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may be please be allowed by Hon'ble Commission. |
| 2 | WORM SHAFT & GEAR 811820063001, BOILER | 30.61 | No | No | No | No | |
| 3 | ROTOR ASSY MCNALLY BHARAT, RG-721 | 38.85 | No | No | No | No | |
| 4 | ACID STORAGE TANK | 11.57 | No | No | No | No | |
| 5 | TRACK SHOE ASSY, 125CTB0033, HEML DOZER | 20.30 | No | No | No | No | |
| Total | | 112.08 | | | | | |


Petitioner

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

| Details/ Information to be submitted in respect of Capital Spares consumed during 2020-21 | | | | | | | Part-I Form-17 |
|---|--|----------------------------|--|---------------------------------------|--|--|---|
| Name of the Petitioner | | NTPC Ltd (Erstwhile KBUNL) | | | | | |
| Name of the Generating Station | | MTPS Stage-I (2x110 MW) | | | | | |
| For the year | | 2020-21 | | | | | |
| | | | | | | | Amount in Lakhs |
| Sl No | Detail of Spare | Amount | Claimed as a part of additional capitalization | Funded through Compensatory Allowance | Funded through Special Allowance (if Applicable) | Claimed as a part of stores and spares | Justification |
| 1 | COMP ASSY,PEMBRIL,COUPLING,PST-500 | 17.42 | No | No | No | No | In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spares parts of equipment's which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(6) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may be please be allowed by Hon'ble Commission. |
| 2 | ASSY,PCT,GEAR BOX,36 75-4309-1 14 84:1 | 9.88 | No | No | No | No | |
| 3 | PUMP ASSY,GOODWIN,100VANZE | 18.96 | No | No | No | No | |
| 4 | COMPLETE ASSY.05Z000054,BEML BS6 D105 | 5.92 | No | No | No | No | |
| 5 | 220KV CVT FOR 220KV SWYD | 2.67 | No | No | No | No | |
| 6 | UNDERGROUND WIRE & PIPE LOCATOR: LKZ1500 | 5.25 | No | No | No | No | |
| 7 | RESISTANCE METER,SCOPE T&M,TRM 25.400KV | 10.38 | No | No | No | No | |
| 8 | TURN RATIO TESTER,SCHUETZ,PWR3A,230V | 14.23 | No | No | No | No | |
| 9 | STACK EMISSION,SICK,ANALYZER S710 | 12.56 | No | No | No | No | |
| Total | | 99.27 | | | | | |


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

Petitioner

| Details/ information to be submitted in respect of Capital Spares consumed during 2021-22 | | | | | | | Part-I Form-17 |
|---|---|----------------------------|--|---------------------------------------|--|--|--|
| Name of the Petitioner | | NTPC Ltd (Erstwhile KBUNL) | | | | | |
| Name of the Generating Station | | MTPS Stage-4 (2x110 MW) | | | | | |
| For the year | | 2021-22 | | | | | |
| | | | | | | | Amount in Lakhs |
| Sl No | Detail of Spare | Amount | Claimed as a part of additional capitalization | Funded through Compensatory Allowance | Funded through Special Allowance (If Applicable) | Claimed as a part of stores and spares | Justification |
| 1 | MOTOR, COMPO WOUND, 2900RPM, 80KW, CROMPTON | 8.51 | No | No | No | No | In order to meet the customers demand and maintain high machine availability at all times by the instant station, units/ equipment are taken under overhaul/ maintenance and inspected regularly for wear and tear. During such works, spares parts of equipment's which became damaged/ unserviceable are replaced/ consumed so that the machine continue to perform at expected efficiency on sustained basis. Further as per Regulation 35(5) capital spares are admissible separately as part of O&M expenses. Therefore it is prayed that the capital spares consumed by the instant station during the period may please be allowed by Hon'ble Commission. |
| Total | | 8.51 | | | | | |


Petitioner

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

| | |
|--------------------------------|----------------------------|
| Name of the Petitioner | NTPC Ltd (Erstwhile KBUNL) |
| Name of the Generating Station | MTPS Stage-I (2x110 MW) |

Non-Tariff Income**Amount**

| S. No. | Parameters | 2019-20* | 2020-21 | 2021-22 |
|--------|---------------------------------------|----------|---------|---------|
| 1. | Income from rent of land or buildings | 9.40 | 0.00 | 23.44 |
| 2. | Income from sale of scrap | | | |
| 3. | Income from advertisements | | | |
| | Total | 9.40 | 0.00 | 23.44 |

* apportioned Stagewise.

Note- 50% of Total Non-tariff income pertaining to generator has been shown.



Petitioner

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

Details of Water Charges

| Name of the Company : | | NTPC Ltd (Erstwhile KBUNL) | | | | | |
|-----------------------------|---|---|---------------------------|---|---|--------------------------------------|---------------------|
| Name of the Power Station : | | MTPS Stage-I (2x110 MW) | | MTPS Stage-I (2x110 MW) | | | |
| S. No. | Details of Water charges (excluding water cess) & Quantity (m ³) | Quantity allocated MTPS (45 Cusecs) | | Normative consumption at 100% PLF | **Rate specified (as per Govt. notification or agreement) | Spillage of water (in percentage) | Amount Claimed** |
| | | Unit (m ³) | Unit (m ³) | Unit (m ³) | Unit (Rs/m ³) | % | Rs. Lakh |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 2019-20 | Name of sources - Burhi Gandak River & Tirhut Canal (seasonal) | 3872329.88 | 40295318 | 6763660 | 3.96 | - | 285.15 |
| 2020-21 | | 2878760.22 | 40185221 | 6745200 | 3.96 | - | 146.44 |
| 2021-22 | | 1650527.10 | 40165221 | 6745200 | 3.96 | - | 65.35 |

#Total allocated quantity 45 cusecs from Burhi Gandak river , 50 Cusecs allocation from Tirhut Canal during the period when canal is open for irrigation (i.e. seasonal) for KBUNL.


** Water Charges apportioned stage wise, the amount Claimed in Col 7 includes arrear for previous period.

*Rates as notified by Govt. of Bihar vide notification dated 03.10.2016 (attached at Annexure-B)


Petitioner

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

| | | | |
|-------------------------------------|----------------------------|--------------------|-----------------------|
| Name of the Petitioner | NTPC Ltd (Erstwhile KBUNL) | | |
| Name of the Generating Station | MTPS (2x110 MW) | | |
| Details of Statutory Charges | | | |
| Particulars | Unit Rate | No of Units | Amount Claimed |
| Electricity Duty | | - | NIL |
| Water Cess | - | - | NIL |
| ... | | | |
| ... | | | |
| ... | | | |


(Petitioner)

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

Statement of Additional Capitalisation during five year before the end of useful life of the Project

Name of the Company : NTPC (Erstwhile Kanti Bijlee Utpadan Nigam Ltd.)

Name of the Power Station : MTPS Stage-I (2x110 MW)

COD/Takeover 08-09-2006

(Amount in Rs. Lakh)

| S. No. | Year | Work / Equipment added during last five years of useful life of each Unit/Station | ACE Claimed (Actual / Projected) | | | | Regulations under which claimed | Justification | Impact on life extension |
|--------|------|---|----------------------------------|--|-------------|------------------------|---------------------------------|---------------|--------------------------|
| | | | Accrual basis | Un-discharged Liability included in col. 4 | Cash basis | IDC included in col. 4 | | | |
| 1 | 2 | 3 | 4 | 5 | (6 = 4 - 5) | 7 | 8 | 9 | 10 |

No additional capitalisation has been claimed towards extending the useful life of station. The additional capitalisation claimed in 2019-24 is towards already allowed for which balance capitalization/delayed capitalization is claimed or in compliance of existing law (details provided in Form 9). These works are required for safe and reliable, unhindered operation of the station and sustaining till its useful life. No impact on life extension.

Note:

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


(Petitioner)

| DETAILS OF ASSETS DE-CAPITALISED DURING 2019-20 | | | | | | | Part- I |
|--|--|---|---|---------------|---------------|-----------------|---|
| | | | | | | | Form - I |
| Name of Company | | NTPC Ltd (Erstwhile KBUNL) | | | | | |
| Name of Station | | MTPS Stage-I (2x110 MW) | | | | | |
| For the year | | 2019-20 | | | | | |
| | | | | | | | Amount in Lakhs |
| Rate of Depreciation | | | | | | | |
| 2015-16 | | 9.58% | 2019-20 | 22.32% | | | |
| 2016-17 | | 9.81% | 2020-21 | 28.74% | | | |
| 2017-18 | | 10.12% | 2021-22 | 17.68% | | | |
| 2018-19 | | 12.21% | | | | | |
| S.N | Name of the Asset | Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure) | Original Value of the Asset Capitalised | | | Year Put to use | Depreciation recovered till date of decapitalization / Remark |
| | | | (As per Note 2 of BS) | Ind As Adjust | As per IGAAP | | |
| I. Decap - Part of Capital Cost | | | | | | | |
| 1 | Decap of Residential Quarters etc. | Claimed as Add cap | 27.53 | 9.85 | 37.39 | 2015-16 | 17.98 |
| 2 | Decap of Spares : Part of Capital Cost | | 84.75 | 17.05 | 101.81 | 2015-16 | 48.96 |
| Subtotal (I) | | | 112.29 | 26.91 | 139.20 | - | 66.94 |
| II. Decap of MBOA - Part of capital cost | | | | | | | |
| 1 | EDP ,WP machines & Satcom Equipments | Claimed as Add cap | 1.31 | 11.75 | 13.05 | 2015-16 | 6.28 |
| Subtotal (A2) | | | 1.31 | 11.75 | 13.05 | | 6.3 |
| Total Decapitalisation: Part of capital cost (I &II) | | | 113.59 | 38.65 | 152.25 | - | 73.21 |

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


 (Petitioner)

| DETAILS OF ASSETS DE-CAPITALISED DURING 2020-21 | | | | | | | Part-I |
|---|---|---|---|---------------|--------------|-----------------|---|
| | | | | | | | Form - I |
| Name of Company | | NTPC Ltd. (Erstwhile KBUNL) | | | | | |
| Name of Station | | MTPS Stage-I (2x110 MW) | | | | | |
| For the year | | 2020-21 | | | | | |
| Rate of Depreciation | | | | | | | Amount in Rs Lakhs |
| 2015-16 | | 9.58% | 2019-20 | 22.32% | | | |
| 2016-17 | | 9.81% | 2020-21 | 28.74% | | | |
| 2017-18 | | 10.12% | 2021-22 | 17.68% | | | |
| 2018-19 | | 12.21% | | | | | |
| S.N | Name of the Asset | Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure) | Original Value of the Asset Capitalised | | | Year Put to use | Depreciation recovered till date of decapitalization / Remark |
| | | | (As per Note 2 of BS) | Ind As Adjust | As per IGAAP | | |
| I. Decap of MBOA - Part of capital cost | | | | | | | |
| 1 | EDP, WP machines & Satcom Equipments | Claimed as Add cap | 0.63 | - | 0.63 | 2015-16 | 0.46 |
| Subtotal (I) | | | 0.63 | - | 0.63 | | 0.46 |
| Total Decapitalisation (I) | | | 0.63 | - | 0.63 | | 0.46 |

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


 (Petitioner)

| DETAILS OF ASSETS DE-CAPITALISED DURING 2021-22 | | | | | | Part-I | |
|---|-------------------|---|---|---------------|--------------|--------------------|---|
| Name of Company | | | | | | Form - I | |
| Name of Station | | | | | | | |
| For the year | | | | | | | |
| Rate of Depreciation | | | | | | Amount in Rs Lakhs | |
| 2015-16 | | | | | | | |
| 2016-17 | | | | | | | |
| 2017-18 | | | | | | | |
| 2018-19 | | | | | | | |
| S.N | Name of the Asset | Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure) | Original Value of the Asset Capitalised | | | Year Put to use | Depreciation recovered till date of decapitalization / Remark |
| | | | (As per Note 2 of BS) | Ind As Adjust | As per IGAAP | | |
| I. Decapitalization | | | | | | | |
| 1 | Nil | | - | - | - | - | |
| Subtotal (I) | | | - | - | - | - | |
| Total Decapitalisation(I) | | | - | - | - | - | |

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



(Petitioner)

Reconciliation of capitalisation claimed vis-à-vis books

| | |
|--------------------------------|----------------------------|
| Name of the Petitioner | NTPC Ltd (Erstwhile KBUNL) |
| Name of the Generating Station | MTPS Stage-I (2x110 MW) |
| COD/Takeover | 08.09.2006 |

Amount in Rs Lakh

| Sl No | Particulars | 2019-20 | 2020-21 | 2021-22 upto 07.09.2021 |
|-------|---|-------------|-------------|----------------------------|
| 1 | Closing Gross Block as per IND AS | 4,51,179.12 | 4,57,279.42 | 4,58,575.75 |
| 2 | Add/Less: Adjustments *(break up given below) | 10,465.35 | 9,783.44 | 9,783.44 |
| 3 | Closing Gross Block as per IGAAP | 4,61,644.47 | 4,67,062.86 | 4,68,359.19 |
| 4 | Opening Gross Block as per IND AS | 4,40,806.99 | 4,51,179.12 | 4,57,279.42 |
| 5 | Add/Less: IndAS Adjustments *(break up given below) | 11,009.64 | 10,465.35 | 9,783.44 |
| 6 | Opening Gross Block as per IGAAP | 4,51,816.63 | 4,61,644.47 | 4,67,062.86 |
| 7 | Total Additions as per books (G = 3 - 6) | 9,827.84 | 5,418.39 | 1,296.33 |
| 8 | Less: Additions as per IGAAP pertaining to MTPS Stage-II | 6,429.69 | 4,908.34 | 1,296.33 |
| 9 | Net Additions pertaining to MTPS-I | 3,398.15 | 510.04 | 0.00 |
| 10 | Less: Exclusions (Items not allowable/not claimed) (accrual basis) | 450.01 | 290.10 | 0.00 |
| 11 | Net Additional Capital Expenditure Claimed (on accrual basis) | 2,948.15 | 219.94 | 0.00 |
| 12 | Less: Un-discharged Liabilities (as per IGAAP) | 397.77 | 92.83 | 0.00 |
| 13 | Add: Discharges of un-discharged liabilities, corresponding to admitted assets/works (as per IGAAP) | 505.82 | 104.69 | 97.85 |
| 14 | Net Additional Capital Expenditure Claimed (on cash basis) | 3,056.19 | 231.79 | 97.85 |


 (Petitioner)

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

Statement showing items/assets/works claimed under Exclusions for the year 2019-20

PART-I
FORM- K

| | | |
|--------------------------------|--|----------------------------|
| Name of the Petitioner | | NTPC Ltd (Erstwhile KBUNL) |
| Name of the Generating Station | | MTPS Stage-I (2x110 MW) |
| COD/Takeover | | 08.09.2006 |
| For the year | | 2019-20 |

| Sl. No. | Head of Work / Equipment | ACE Claimed under Exclusion | | | | | | Justification |
|------------------------|--------------------------|-----------------------------|-------------------|----------------------------|--|------------|--------------------------|--|
| | | Accrual basis | IND AS Adjustment | Accrual basis as per IGAAP | Undischarged Liability included in col. 3B | Cash basis | IDC included in col. 3 B | |
| (1) | (2) | (3) | 3A | 3B=3+3A | (4) | (5=3B-4) | (6) | (7) |
| 1 | Capitalization of Spares | 450.42 | 0.00 | 450.42 | 104.43 | 345.99 | 0.00 | Capitalization of capital spares beyond cut-off date is not admissible as per CERC Tariff Regulations 2019. Therefore, the same is kept under exclusion. |
| 2 | Liability Reversal | -0.41 | 0.00 | -0.41 | -0.41 | 0.00 | 0.00 | Since tariff on cash basis liability reversal is kept under exclusion. |
| Total Exclusions (1+2) | | 450.01 | 0.00 | 450.01 | 104.02 | 345.99 | 0.00 | |


(Petitioner)

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

Statement showing items/assets/works claimed under Exclusions for the year 2020-21

| Name of the Petitioner | | NTPC Ltd (Erstwhile KBUNL) | | | | | | |
|--------------------------------|--------------------------|-----------------------------|-------------------|----------------------------|--|---------------|--------------------------|--|
| Name of the Generating Station | | MTPS Stage-I (2x110 MW) | | | | | | |
| COD/Takeover | | 08.09.2006 | | | | | | |
| For the year | | 2020-21 | | | | | | Amount in Lakhs |
| Sl. No. | Head of Work / Equipment | ACE Claimed under Exclusion | | | | | | Justification |
| | | Accrual basis | IND AS Adjustment | Accrual basis as per IGAAP | Undischarged Liability included in col. 3B | Cash basis | IDC included in col. 3 B | |
| (1) | (2) | (3) | 3A | 3B=3+3A | (4) | (5=3B-4) | (6) | (7) |
| 1 | Capitalization of Spares | 290.10 | 0.00 | 290.10 | 13.96 | 276.14 | 0.00 | Capitalization of capital spares is not admissible as per CERC Tariff Regulations 2019. Therefore, the same is kept under exclusion. |
| Total Exclusions (1) | | 290.10 | 0.00 | 290.10 | 13.96 | 276.14 | 0.00 | |



(Petitioner)

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

Statement showing items/assets/works claimed under Exclusions for the year 2021-22

| Name of the Petitioner | | NTPC Ltd (Erstwhile KBUNL) | | | | | | |
|--------------------------------|--------------------------|-----------------------------|-------------------|----------------------------|--|------------|--------------------------|-----------------|
| Name of the Generating Station | | MTPS Stage-I (2x110 MW) | | | | | | |
| COD/Takeover | | 08.09.2006 | | | | | | |
| For the year | | 2021-22 (upto 07.09.2021) | | | | | | Amount in Lakhs |
| Sl. No. | Head of Work / Equipment | ACE Claimed under Exclusion | | | | | | Justification |
| | | Accrual basis | IND AS Adjustment | Accrual basis as per IGAAP | Undischarged Liability included in col. 3B | Cash basis | IDC included in col. 3 B | |
| (1) | (2) | (3) | 3A | 3B=3+3A | (4) | (5=3B-4) | (6) | (7) |
| 1 | | Nil | | | | | | |
| Total Exclusions | | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | |

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 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड/NTPC LIMITED
 EOC, A-8A, Sector-24, NOIDA-201301


 (Petitioner)

Name of the Petitioner NTPC Ltd (erstwhile KBNL)
Name of the Generating Station MTPS Stage-I (2x110 MW)

Statement of Capital cost

(To be given for relevant dates and year wise)

(Amount in Rs. Lakh)

| S. No. | Particulars | 2019-20 | | | 2020-21 | | | 2021-22 (01.04.2021 to 07.09.2021) | | |
|--------|---|---------------|---------------------------|------------|---------------|---------------------------|------------|---------------------------------------|---------------------------|------------|
| | | Accrual Basis | Un-discharged Liabilities | Cash Basis | Accrual Basis | Un-discharged Liabilities | Cash Basis | Accrual Basis | Un-discharged Liabilities | Cash Basis |
| A | a) Opening Gross Block Amount as per books | 71912.14 | 3714.81 | 68196.33 | 75311.29 | 3710.78 | 71600.51 | 75821.33 | 3645.63 | 72175.71 |
| | b) Amount of IDC in A(a) above | 1387.35 | 0.00 | 1387.35 | 1387.35 | 0.00 | 1387.35 | 1387.35 | 0.00 | 1387.35 |
| | c) Amount of FC in A(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | d) Amount of FERV in A(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | e) Amount of Hedging Cost in A(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | f) Amount of IEDC in A(a) above | 14085.82 | 0.00 | 14085.82 | 14085.82 | 0.00 | 14085.82 | 14085.82 | 0.00 | 14085.82 |
| B | a) Addition in Gross Block Amount during the period (Direct purchases) | 785.72 | 130.21 | 655.51 | 461.41 | 106.79 | 354.62 | 0.00 | 0.00 | 0.00 |
| | b) Amount of IDC in B(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | c) Amount of FC in B(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | d) Amount of FERV in B(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | e) Amount of Hedging Cost in B(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | f) Amount of IEDC in B(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| C | a) Addition in Gross Block Amount during the period (Transferred from CVSP) | 2764.58 | 371.99 | 2392.59 | 49.26 | 0.00 | 49.26 | 0.00 | 0.00 | 0.00 |
| | b) Amount of IDC in C(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | c) Amount of FC in C(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | d) Amount of FERV in C(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | e) Amount of Hedging Cost in C(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | f) Amount of IEDC in C(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| D | a) Deletion in Gross Block Amount during the period | 152.25 | 0.00 | 152.25 | 0.63 | 0.00 | 0.63 | 0.00 | 0.00 | 0.00 |
| | b) Amount of IDC in D(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | c) Amount of FC in D(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | d) Amount of FERV in D(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | e) Amount of Hedging Cost in D(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | f) Amount of IEDC in D(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| E | a) Closing Gross Block Amount as per books | 75311.29 | 3710.78 | 71600.51 | 75821.33 | 3645.63 | 72175.71 | 75821.33 | 3533.56 | 72287.78 |
| | b) Amount of IDC in E(a) above | 1387.35 | 0.00 | 1387.35 | 1387.35 | 0.00 | 1387.35 | 1387.35 | 0 | 1387.35 |
| | c) Amount of FC in E(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0.00 |
| | d) Amount of FERV in E(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0.00 |
| | e) Amount of Hedging Cost in E(a) above | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0.00 |
| | f) Amount of IEDC in E(a) above | 14085.82 | 0.00 | 14085.82 | 14085.82 | 0.00 | 14085.82 | 14085.82 | 0 | 14085.82 |

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



(Petitioner)

Name of the Petitioner
Name of the Generating StationNTPC Ltd (Enabwile KBUNL)
NTPS Stage-I (2x110 MW)

Statement of Capital Works in Progress

(To be given for relevant dates and year wise)

(Amount in Rs. Lakh)

| S. No. | Particulars | 2019-20 | | | 2020-21 | | | 2021-22 (01.04.2021 to 07.09.2021) | | |
|--------|--|---------------|---------------------------|------------|---------------|---------------------------|------------|---------------------------------------|---------------------------|------------|
| | | Accrual Basis | Un-discharged Liabilities | Cash Basis | Accrual Basis | Un-discharged Liabilities | Cash Basis | Accrual Basis | Un-discharged Liabilities | Cash Basis |
| A | a) Opening CWIP as per books | 1436.51 | 712.05 | 724.45 | 10.59 | 2.84 | 7.75 | 685.11 | 143.33 | 541.78 |
| | b) Amount of IDC in A(a) above | - | - | - | - | - | - | - | - | - |
| | c) Amount of FC in A(a) above | - | - | - | - | - | - | - | - | - |
| | d) Amount of FERV in A(a) above | - | - | - | - | - | - | - | - | - |
| | e) Amount of Hedging Cost in A(a) above | - | - | - | - | - | - | - | - | - |
| | f) Amount of IEDC in A(a) above | - | - | - | - | - | - | - | - | - |
| B | a) Addition in CWIP during the period | 1338.76 | 0.00 | 1338.76 | 723.78 | 141.17 | 582.61 | 70.33 | 0.45 | 69.88 |
| | 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 | 2764.55 | 371.50 | 2392.69 | 48.25 | - | 48.25 | - | - | - |
| | 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 | - | - | - | - | - | - | 730.71 | 141.55 | 589.03 |
| | b) Amount of IDC in D(a) above | - | - | - | - | - | - | - | - | - |
| | c) Amount of FC in D(a) above | - | - | - | - | - | - | - | - | - |
| | d) Amount of FERV in D(a) above | - | - | - | - | - | - | - | - | - |
| | e) Amount of Hedging Cost in D(a) above | - | - | - | - | - | - | - | - | - |
| | f) Amount of IEDC in D(a) above | - | - | - | - | - | - | - | - | - |
| E | a) Closing CWIP as per books | 10.59 | 2.84 | 7.75 | 685.11 | 143.33 | 541.78 | 24.73 | 2.10 | 22.63 |
| | b) Amount of IDC in E(a) above | - | - | - | - | - | - | - | - | - |
| | c) Amount of FC in E(a) above | - | - | - | - | - | - | - | - | - |
| | d) Amount of FERV in E(a) above | - | - | - | - | - | - | - | - | - |
| | e) Amount of Hedging Cost in E(a) above | - | - | - | - | - | - | - | - | - |
| | f) Amount of IEDC in E(a) above | - | - | - | - | - | - | - | - | - |



(Petitioner)

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

Calculation of Interest on Normative Loan

| Name of the Company : | | NTPC (erstwhile Kanti Bijlee Utpadan Nigam Ltd.) | | | | | |
|-----------------------------|--|---|-----------------|-----------------|-----------------|---------|---------|
| Name of the Power Station : | | MTPS Stage-I (2x110 MW) | | | | | |
| (Amount in Rs Lakh) | | | | | | | |
| S. No. | Particulars | Existing 2018-19* | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Gross Normative loan – Opening | 15,792.53 | 15,773.04 | 17,912.37 | 18,074.63 | | |
| 2 | Cumulative repayment of Normative loan up to previous year | 7,392.38 | 9,274.82 | 11,392.09 | 14,030.50 | | |
| 3 | Net Normative loan – Opening | 8,400.14 | 6,498.42 | 6,520.28 | 4,044.13 | | |
| 4 | Add: Increase due to addition during the year / period ** | -19.49 | 1,891.83 | 89.42 | - | | |
| 5 | Less: Decrease due to de-capitalisation during the year / period | 0.00 | -108.57 | -0.44 | - | | |
| 6 | Less: Decrease due to reversal during the year / period | 0.00 | - | - | - | | |
| 7 | Add: Increase due to discharges during the year / period | 0.00 | 354.08 | 73.28 | 68.35 | | |
| 8 | Net addition during the period | | 2139.34 | 162.25 | 68.35 | | |
| 9 | Addition in Loan due to Net add cap | | 2,139.34 | 182.25 | 68.35 | | |
| 10 | Less: Repayment of Loan | 1882.24 | 2,190.68 | 2,638.87 | 1,183.51 | | |
| 11 | Repayment adjustment on account of de-capitalisation | | 73.21 | 0.46 | - | | |
| 12 | Repayment adjustment on account of discharges/reversals corresponding to un discharged liabilities deducted as on 1.4.2009 | | - | - | - | | |
| 13 | Net Normative loan - Closing | 6,498.42 | 6,520.28 | 4,044.13 | 2,928.97 | | |
| 14 | Average Normative loan | 7,449.28 | 6,509.35 | 5,282.21 | 3,486.55 | | |
| 15 | Weighted average rate of interest (%) | 9.14 | 8.9153 | 8.4955 | 8.2631 | | |
| 16 | Interest on Loan | 580.86 | 580.33 | 448.75 | 288.10 | | |

* Hon'ble Commission vide order dtd. 22.02.2022 in Review petition No. 10/RP/2020 in Petition no. 240/GT/2017(Order dated 22.01.2020) has allowed repayment of loan of Rs 1205.28 lacs up to 31.03.2014 for Unit-2 to be considered in interest on loan calculation from 15.11.2014 to 31.03.2015, at Para 18. The Interest on Loan for FY 2019-20 has been considered as worked out for FY 2018-19 based on Capital Cost, corresponding repayment of loan allowed vide order dtd. 22.02.2022 and the trued-up amount claimed in petition 264/GT/2021 for period 2014-19, Hon'ble Commission may be pleased to consider the same. Further, the Petition 264/GT/2021 is under consideration of Hon'ble Commission.



(Petitioner)

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, New Delhi-110029

Calculation of Interest on Working Capital

Name of the Company : NTPC (Erstwhile Kanti Bijlee Utpadan Nigam Ltd.)
Name of the Power Station : MTPS Stage-I (2x110 MW)

| S. No. | Particulars | Existing 2018-19 | | (Amount in Rs Lakh) | | | | |
|--------|---------------------------------|---------------------|------------|---------------------|----------|----------|---------|---------|
| | | | | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1 | 2 | 3 | | 4 | 5 | 6 | 7 | 8 |
| 1 | Cost of Coal/Lignite | 9,033.90 | 50 days | 6192.36 | 6746.36 | 6794.44 | - | - |
| 2 | Cost of Main Secondary Fuel Oil | 401.49 | 2 month | 457.73 | 648.10 | 674.47 | - | - |
| 3 | Fuel Cost | | | - | - | - | - | - |
| 4 | Liquid Fuel Stock | | | - | - | - | - | - |
| 5 | O & M Expenses | 1,071.85 | 1 month | 942.27 | 947.40 | 942.75 | - | - |
| 6 | Maintenance Spares | 2,572.44 | 20% of O&M | 2261.46 | 2273.77 | 2262.60 | - | - |
| 7 | Receivables | 12,883.08 | 45 days | 8006.71 | 8713.59 | 8741.59 | - | - |
| 8 | Total Working Capital | 25962.76 | | 17860.53 | 19329.22 | 19415.85 | - | - |
| 9 | Rate of Interest | 13.50 | | 12.05 | 11.25 | 10.50 | - | - |
| 10 | Interest on Working Capital | 3504.97 | | 2152.19 | 2174.54 | 2038.66 | - | - |


Petitioner

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

| Sl. No. | Name of the Party | Name of Work | Contract Allowance/Development Month | Year of actual implementation | Uncharged liability relating to FY 2021-22 | Uncharged liability relating to FY 2022-23 | Liability Adjustments FY 2021-22/2022-23 | Percentage of Stage to date from 01.04.2021 to 01.05.2023 | | Total percentage of stage liability to date by FY 2021-22 and O/G | Uncharged liability relating to O/G 01.05.2023 |
|--|--|--|---|------------------------------------|--|--|--|---|-----------|---|--|
| | | | | | | | | Physical | Financial | | |
| B. Disposal Stage of Work on the Record/BOC | | | | | | | | | | | |
| | | | As Per the 2020/2021 Order vide 23.01.2020 (G/1419) FY 2014-15 and/or | | | | | | | | |
| 1 | HELDERT FASTENERS & others | Bolt & Nuts (Steel) - Generator | Allowed | | | | | | | | |
| 2 | SHANT HEAVY ELECTRICALS LTD & others | Turbine Generator | Allowed/ Closed (2016-15) | | | | | | | | |
| 3 | S. J. SONGH | Coal Handling Plant | Allowed | | | | | | | | |
| 4 | MARATHON ELECTRIC MOTORS INDIA LTD & others | Transformers Package | Allowed | | | | | | | | |
| 5 | ARONAL ELECTRONICS PVT LTD & others | ESG | Allowed | | 6,88,442 | 0 | | | | | 6,88,442 |
| 6 | AGREDA I&E others | Water Treatment Plant | Allowed | | | | | | | | |
| 7 | ALSTOM T&D INDIA LTD & others | Generator | Allowed | | 80,81,321 | 8,00,131 | | | | | 80,81,321 |
| 8 | CENTRAL ENGINEERING COMPANY & others | C&I Package | Allowed | | 33,69,339 | 33,69,113 | | 95% | | 35,475 | 33,69,055 |
| 9 | ELCOON ENGINEERING CO LTD & others | Flue Handling & Storage system | Allowed/ Closed (2016-15) | | | | | | | | |
| 10 | ACTHR SYSTEMS LTD & others | MSB | Allowed | | 7,37,000 | 1,52,755 | | | | | 7,37,000 |
| 11 | RAMAIAH INTERNATIONAL & others | Air Compressor System | Allowed | | | | | | | | |
| 12 | ADD COMMERICAL SERVICES PVT LTD INDUSTRIAL COMMENCE & HOUSING | Coaling water system | Allowed | | | | | | | | |
| 13 | AKHAYER ENTERPRISES & others | Water treatment plant | Allowed | | 75,000 | 70,000 | | | | | 75,000 |
| 14 | B&B CONSULTANTS | Coal Storage System | Allowed | | 7,00,000 | 64,000 | | | | | 7,00,000 |
| 15 | V.O. ENTERPRISES & others | Water & Auxiliary Steam Generator | Allowed/ Closed (2016-15) | | 8,341 | 5,041 | | 30% | | 9,241 | 8,341 |
| 16 | INDIA WESTFALIA SEPARATOR INDIA LTD & others | Turbine Generator | Allowed | | 3,47,14,325 | 2,67,50,428 | | | | | 3,47,14,325 |
| 17 | SELBY ENGINEERING WORKS | Coal Handling Plant | Allowed | | | | | | | | |
| 18 | ALSTOM T&D INDIA LTD & others | Transformers Package | Allowed/ Closed (2016-15) | | 8,95,790 | 2,55,330 | | 99% | | 1,49,700 | 8,95,790 |
| 19 | TENSEN LINE LTD & others | ESP | Allowed | | 20,00,451 | 16,50,431 | | | | | 20,00,451 |
| 20 | ICR INDIA INDUSTRIAL PVT LTD & others | Water treatment system | Allowed/ Closed (2016-15) | | 19,86,968 | 12,86,000 | | | | | 19,86,968 |
| 21 | MEGARISH SWITCHGEAR PVT LTD & others | Switch gear | Allowed/ Closed (2016-15) | | 50,45,350 | 5,00,000 | | | | | 50,45,350 |
| 22 | POREKA WORLDWIDE PVT LTD & others | C&I Package | Allowed/ Closed (2016-15) | | 9,36,025 | 5,50,000 | | | | | 9,36,025 |
| 23 | SOCTA LTD | Air Compressor System | Allowed | | 8,54,132 | 8,54,132 | | | | | 8,54,132 |
| 24 | SUPER CHEMICAL ENGINEERS AND CONSULTANTS PVT LTD & others | Water treatment plant | Allowed | | | | | | | | |
| 25 | BRAY CONTROLS P&I PVT LTD & others | ASH Handling System | Allowed | | | | | | | | |
| 26 | INDIA WATERPROOFING CO & others | BUILDING/CHIMNEY/DAM/BHEEP & STAIRS B&I Work | Allowed | | | | | | | | |
| 27 | ARGL | MSB | Allowed | | 17,00,000 | 1,00,000 | | | | | 17,00,000 |
| 28 | Techno systems | Fire Detection and Protection System | Closed | | | | | | | | |
| 29 | B H GUNDERSON & COMPANY Transporter | Workshop Machines | Allowed | | 1,35,21,346 | 2,00,1,700 | | 99% | 45 | 6,28,232 | 1,35,21,346 |
| 30 | ELCOON ENGINEERING CO LTD INDUSTRIAL AUTOMAC INDUSTRIES & others | C&I | Allowed | | | | | | | | |
| 31 | IT E-Flow and others | MSB | Closed | | | | | | | | |
| 32 | M/S SARMAN POWERLINK | MSB | Closed | | | | | | | | |
| 33 | BOC ENGINEERING INDUSTRIES LTD SIVAMURTHI ENTERPRISES INDIA PVT LTD & others | Water Treatment Plant | Allowed | | | 3,02,640 | | | | | 3,02,640 |
| 34 | Tital Meas Systems & others | MSB Water Treatment | Allowed | | | | | | | | |
| 35 | Deep Grid Checkcity West & others | Substation | Allowed/ Closed (2016-15) | | 4,10,411 | 4,04,221 | | | | | 4,10,411 |
| 36 | CENTRAL POWER RESEARCH INST/DLTA & others | ROILER 140 | Allowed/ Closed (2016-15) | | 3,87,87,817 | 2,70,92,027 | | | | | 3,87,87,817 |
| 37 | SHANT HEAVY ELECTRICALS LTD & others | TURBINE 140 | Allowed/ Closed (2016-15) | | | | | | | | |
| 38 | SIYASH & CO & others | Electrical Package | Allowed/ Closed (2016-15) | | | | | | | | |
| 39 | Mercury Signal Engineering Co Ltd | MSB | Allowed | | 1,46,797 | 1,00,707 | | | | | 1,46,797 |
| 40 | V.O. RAMACHANDRAN OTHERS | ESG | Allowed | | | | | | | | |
| 41 | LOGICBASE TECHNOLOGIES | ESG | Closed | 2019-20 | 3,85,141 | 3,00,707 | | | | | 3,85,141 |
| 42 | SHWAV ENVIRONMENTAL PVT LT | ESG | Closed | 2019-20 | 1,23,478 | 1,08,802 | | 100% | 15,678 | | 1,23,478 |
| 43 | RAVANA ENTERPRISES PVT LI | ASH DYKE (CONV WORK) | Closed | 2019-20 | | | | | | | |
| 44 | MSBA | MSB | Closed | 2019-20 | 2,93,24,271 | 2,69,14,771 | | | | | 2,93,24,271 |
| 45 | Central Bank | Central Bank | Closed | 2019-20 | 13,11,450 | 13,11,450 | | | 41,530 | 40,19,222 | 13,11,450 |
| 46 | MSBA | MSB | Closed | 2019-20 | 31,76,741 | 27,10,480 | | | 7,56,077 | 7,56,077 | 31,76,741 |
| 47 | Central Bank | MSB | Closed | 2020-21 | 4,06,946 | 2,58,829 | | | 1,48,741 | 14,42,341 | 4,06,946 |
| 48 | Central Bank | MSB | Closed | 2020-21 | 1,08,189 | 1,08,189 | | | 38,869 | 38,869 | 1,08,189 |
| | | | | Total Liability Allowed (less O/G) | | 14,84,49,729 | 15,34,49,729 | | | 87,84,807 | 14,84,49,729 |
| | | | | Total (FY 14-15) | | 14,84,49,729 | 15,34,49,729 | | | 14,42,441 | 14,84,49,729 |
| | | | | Total (FY 16-18) | | 14,84,49,729 | 15,34,49,729 | | | 1,12,06,939 | 14,84,49,729 |
| | | | | Total (FY 19-20) | | 14,84,49,729 | 15,34,49,729 | | | 1,12,06,939 | 14,84,49,729 |
| | | | | Total (FY 21-22) | | 14,84,49,729 | 15,34,49,729 | | | 1,12,06,939 | 14,84,49,729 |
| | | | | Total (FY 23-24) | | 14,84,49,729 | 15,34,49,729 | | | 1,12,06,939 | 14,84,49,729 |

Chakraborty

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

Summary of issue involved in the petition

| | | | |
|--|---------------|--|--|
| Name of the Company : | | NTPC Ltd (Erstwhile KBUNL) | |
| Name of the Power Station : | | MTPS Stage-I (2x110 MW) | |
| 1 | Petitioner: | NTPC Ltd. (Erstwhile KBUNL) | |
| 2 | Subject | DETERMINATION OF TARIFF FOR THE PERIOD 2019-24 | |
| Prayer: | | | |
| i) Approve tariff of MTPS Stage-I for the tariff period 01.04.2019 to 07.09.2021 as per the provisions of Regulation 13 of Tariff Regulations, 2019. | | | |
| ii) Allow normative operating norms for APC and Specific Oil Consumption as per actual performance achieved for 2019-20, 2020-21 and 2021-22. | | | |
| iii) Allow recovery of cost of capital spares as additional O&M lying at MTPS-I from beneficiary as on closure. | | | |
| iv) Allow recovery of unrecovered depreciation from beneficiary. | | | |
| v) Allow recovery of undischarged liabilities at time of closure from beneficiary. | | | |
| vi) Allow recovery of capital work in progress at time of closure from beneficiary. | | | |
| vii) Allow recovery of decommissioning/ dismantling cost etc. at MTPS-I from beneficiary. | | | |
| viii) Allow petitioner to amend the petition and / or approach Hon'ble commission in view of outcome in ATE/Court etc. matters. | | | |
| ix) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and publication expenses from the beneficiaries. | | | |
| x) Allow the reimbursement of water charges, capital spares and security expenses for the instant station, as claimed by the Petitioner. | | | |
| xi) Pass any other order as it may deem fit in the circumstances mentioned above. | | | |
| 4 | Respondents | | |
| Name of Respondents | | | |
| a. Bihar State Power Holding Company Ltd (BSPHCL) | | | |
| b. North Bihar Power Distribution Company Ltd (NBPDC) | | | |
| c. South Bihar Power Distribution Company Ltd (SBPDCL) | | | |
| 5 | Project Scope | - | |
| | Cost | - | |
| | Commissioning | - | |
| | Claim | Refer Form 9A/ Petition | |
| | AFC | - | |
| | Capital cost | Refer Form-1 | |
| | Initial spare | - | |
| | NAPAF (Gen) | 85% | |
| | Any Specific | - | |



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



एनटीपीसी लिमिटेड
(भारत सरकार का उद्योग)

NTPC Limited

(A Govt. of India Enterprise)

Ref. No. 01-SEC-LA-1
Dated : August 26, 2022

| | |
|---|--|
| <p>General Manager Department of Corporate Services BSE Limited Floor 25, Phiroze Jeejeebhoy Towers, Dalal Street, Mumbai-400 001 Scrip Code: 532555</p> | <p>Manager Listing Department National Stock Exchange of India Limited "Exchange Plaza", Bandra-Kurla Complex, Bandra (E), Mumbai -400 051 Scrip Code: NTPC</p> |
|---|--|

Sub.: Effective Date of Scheme of Amalgamation of Nabinagar Power Generating Company Limited and Kanti Bijlee Utpadan Nigam Limited ("Transferor Companies") with NTPC Limited ("Company") and their respective Shareholders & Creditors

Dear Sir/Madam,

In continuation of our earlier corporate disclosure dated 3rd August, 2022 and pursuant to Regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, we hereby inform that certified copy of the Order of Ministry of Corporate Affairs ("MCA Order") sanctioning the Scheme of Amalgamation between Nabinagar Power Generating Company Limited, Kanti Bijlee Utpadan Nigam Limited, wholly owned subsidiaries of NTPC Limited, and NTPC Limited from 1st April 2022, being the appointed date, has been filed electronically with the Registrar of Companies, NCT, Delhi by the Transferor Companies and the Company on 26th August, 2022.

Thus, the Scheme has become effective from 26th August, 2022, being the date on which the said certified copy of the MCA Order sanctioning the Scheme has been filed with the Registrar of Companies, NCT, Delhi.

Accordingly, the amalgamation of Nabinagar Power Generating Company Limited and Kanti Bijlee Utpadan Nigam Limited with NTPC Limited stands completed.

The details as required under SEBI (Listing Obligations and Disclosure Requirements) Regulations 2015 read with SEBI Circular No. CIR/CFD/CMD/4/2015 dated 9th September 2015 pursuant to Merger had already been submitted vide letter dated 9th November, 2019.

Thanking you

Yours faithfully,

(Nandini Sarkar)

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI

आर. म.स.प्रबन्धक (वाणिज्यिक)

Addl. General Manager (Commercial)

एन टी पी सी लिमिटेड/NTPC LIMITED

EOC, A-8A, Sector-24, NOIDA-201301

Company Secretary &
Compliance Officer

Ms.

ANNEXURE - B

15/रा०-04-401/2008-पार्ट-II- 189

बिहार सरकार
जल संसाधन विभाग

संकल्प

दिनांक- 03.10.16

विषय :- औद्योगिक, व्यावसायिक एवं म्युनिसिपल उपयोग हेतु जल प्रभार दर में वृद्धि।

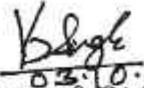
बिहार सिंचाई अधिनियम, 1997 (बिहार अधिनियम-11, 1998) की कडिका 62 के अधीन औद्योगिक, व्यावसायिक एवं म्युनिसिपल उपयोग हेतु जल प्रभार दर निर्धारित करने का प्रावधान है।

औद्योगिक, व्यावसायिक एवं म्युनिसिपल उपयोग हेतु 01 अप्रैल 1998 से प्रभावी जल प्रभार दर ₹ 4.50 (चार रूपये पचास पैसे) प्रति हजार गैलन में वृद्धि करके ₹ 18.00 (अठारह) प्रति हजार गैलन निर्धारित किया जाता है।

नया जल प्रभार दर दिनांक 03.10.2016 से प्रभावी होगा।

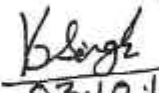
इस पर मंत्रिपरिषद की स्वीकृति प्राप्त है।

बिहार राज्यपाल के आदेश से,


03.10.16
(योगेश्वर धारी सिंह)
संयुक्त सचिव (अभियंत्रण)
जल संसाधन विभाग

ज्ञापांक-15/रा०-04-401/2008-पार्ट-II- 189 /पटना, दिनांक- 03.10.16

प्रतिलिपि :- महालेखाकार (लेखा एवं हकदारी), बिहार /महालेखाकार (लेखा परीक्षा), बिहार, वीरचन्द पटेल मार्ग, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

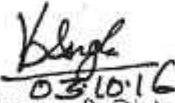

03.10.16
(योगेश्वर धारी सिंह)
संयुक्त सचिव (अभियंत्रण)
जल संसाधन विभाग



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

ज्ञापक:-15/रा०-04-401/2008-पार्ट-II- 189 /पटना, दिनांक:- 03.10.16

प्रतिलिपि :- माननीय मंत्री, जल संसाधन विभाग, बिहार, पटना के आप्त सचिव /मुख्य सचिव, बिहार, पटना /प्रधान सचिव, मंत्रिमंडल सचिवालय विभाग, पटना /प्रधान सचिव, वित्त विभाग, पटना /प्रधान सचिव, उद्योग विभाग, पटना /प्रधान सचिव, नगर विकास एवं आवास विभाग, पटना /प्रधान सचिव के निजी सहायक, जल संसाधन विभाग, पटना /सभी अभियंता प्रमुख /सभी मुख्य अभियंता /सभी संयुक्त सचिव /सभी अधीक्षण अभियंता /सभी कार्यपालक अभियंता, जल संसाधन विभाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।


03.10.16
(योगेश्वर धारी सिंह)
संयुक्त सचिव (अभियंत्रण)
जल संसाधन विभाग

ज्ञापक:- 15/रा०-04-401/2008-पार्ट-II- 189 /पटना, दिनांक:- 03.10.16

प्रतिलिपि :- अधीक्षक, सचिवालय मुद्रणालय, गुलजारबाग, पटना को दो हार्ड कॉपी एवं सी०डी० के साथ सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। कृपया राजपत्र के अगामी असाधारण अंक में इसे प्रकाशित कराकर दो सौ प्रतियाँ जल संसाधन विभाग को उपलब्ध करायी जाय।


03.10.16
(योगेश्वर धारी सिंह)
संयुक्त सचिव (अभियंत्रण)
जल संसाधन विभाग



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

15/रा०-04-401/2008-Part-II-189

Government of Bihar
Water Resources Department

Resolution

Dated:- 03.10.16

Subject – Increment in Water charges rate for Industrial, Commercial and Municipal use.

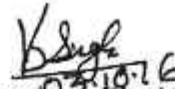
Under Para-62 of Bihar Irrigation Act, 1997 (Bihar Act - 11, 1998) there is provision for fixation of water charges rate for Industrial, Commercial and Municipal use.

Water charges rate ₹ 4.50 (Rupees four and paise fifty) only per thousand gallon for Industrial, Commercial and Municipal use effective from 1st April 1998 is hereby increased to ₹ 18.00 (Rupees eighteen) only per thousand gallon.

New Water charges rate will be effective from 3rd October 2016.

This has the approval of the State Cabinet.

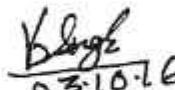
By the order of Governor of Bihar


03.10.16
(Yogeshwar Dhari Singh)
Joint Secretary (Engineering)
Water Resources Department

Memo No- 15/रा०-04-401/2008-Part-II-189

Patna, Dated- 03.10.16

Copy to :- Accountant General (Account & Entitlement), Bihar/ Accountant General (Audit), Bihar,
Birchand Patel Marg, Patna for information and necessary action.


03.10.16
(Yogeshwar Dhari Singh)
Joint Secretary (Engineering)
Water Resources Department

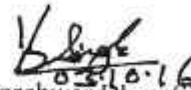


प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
आगर मंडलप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड, एन ८१, १२०
EOC, A-8A, Sector-24, Noida-201301

Memo No- 15/रतो-04-401/2008-Part-II- 189

Patna, Dated- 03.10.16


Copy to :- PA to Honorable Minister, Water Resources Department, Bihar, Patna /Chief Secretary, Bihar, Patna /Principal Secretary, Cabinet Secretariat Department, Patna /Principal Secretary Finance Department, Patna /Principal Secretary, Industry Department, Patna /Principal Secretary, Town Development and Housing Department Patna /Personal Assistant to the Principal Secretary, Water Resources Department, Patna /All Engineer in Chief /All Chief Engineer /All Superintending Engineer /All Joint Secretary /All Executive Engineer, Water Resources Department for information and necessary action.



03.10.16
(Yogeshwar Dhari Singh)
Joint Secretary (Engineering)
Water Resources Department

Memo No- 15/रतो-04-401/2008-Part-II- 189

Patna, Dated- 03.10.16

Copy to :- Superintendent, Secretariat Printing Press, Gulzarbagh, Patna in two hard copies along with CD for information and necessary action. Please publish it in the next extra ordinary publication and provide 200 (Two hundred) copies to Water Resources Department.


03.10.16
(Yogeshwar Dhari Singh)
Joint Secretary (Engineering)
Water Resources Department


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



बिहार BIHAR

A 146554



क्रमांक सं० दिनांक शहर सं०

क्रेता का नाम एवं पता अजीत कुमार, मुद्रक लिडता
 ला० सं०-30/87, सयाहरणगंज, पटना

POWER PURCHASE AGREEMENT
 BETWEEN
 BIHAR STATE ELECTRICITY BOARD
 AND
 NTPC LIMITED AS PROMOTER AND MAJORITY SHAREHOLDER OF
 VAISHALI POWER GENERATING COMPANY LIMITED
 FOR
 MUZAFFARPUR THERMAL POWER STATION (2X110 MW)

THIS POWER PURCHASE AGREEMENT (hereinafter called the "PPA") entered into on the Twenty Second day of August, Two Thousand Six (2210812006) between Bihar State Electricity Board, having its Head Office at Vidyt Bhavan, Bailey Road, Patna in the State of Bihar (hereinafter referred to as 'BSEB') which expression shall, unless repugnant to the context or meaning thereof shall include its successor(s), administrator(s) and assigns on the FIRST PART:

प्रशान्त चतुर्वेदी / PRASHANT CHATURVEDI
 Addl. General Manager (Commercial)
 एन टी पी लिमिटेड
 EOC, A-BA, Sector 24, NOIDA-201301

(Signature)



A 146555

क्रमांक सं० दिनांक मूल्य राशि सं० 2
 कर्ता का नाम एवं पता

अर्जुन कुमार, मुद्रांक विक्रेता
 ला० सं०-30/87, समाहाणालय, पटना

AND

NTPC LIMITED, a company incorporated under the Companies Act, 1956 with Registered Office at Core 7, Scope Complex, 7-Institutional Area, Lodhi Road, New Delhi-110 003 acting in its capacity as the promoter and majority shareholder of M/s Vaishali Power Generating Company Limited which is in the process of incorporation and which shall assume the rights and obligations of the generating company under this Agreement on incorporation (hereinafter referred to as "JVC") which expression shall unless repugnant to the context or meaning thereof, include its successor(s), administrator(s) and permitted assigns as party of the SECOND PART.

WHEREAS JVC would be incorporated under the Companies Act, 1956 with equity participation of NTPC & BSEB with the object of establishment, operation and maintenance of thermal projects. Since NTPC Ltd. (a Govt. of India Company) will have more than 51 % equity share, the JVC shall be a Government of India Company with in the meaning of Section 617 of the Companies Act, 1956.

प्रशान्त चतुर्वेदी
 Prashant Chaturvedi

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

Sevan

63

AND WHEREAS Muzaffarpur Thermal Power Station (MTPS) of capacity 220 MW (2 x 110 MW) is presently owned by BSEB and is situated at Kanti distt. Muzaffarpur in the State of Bihar (hereinafter referred to as "Station").

AND WHEREAS the Govt. of Bihar and BSEB have been desirous of improving the performance of the Station and are also desirous of involving participation of NTPC to make the investments required for restoration, repair, renovation, modernisation and maintenance of the Station, in the absence of which the Station has been under shut-down for more than one year.

AND WHEREAS the Govt. of Bihar has agreed to issue a notification under Sections 131,133,134 and other applicable provisions of the Electricity Act, 2003 for the transfer and vesting of the MTPS in the JVC on the terms and condition contained in the said notification and the Memorandum of Agreement dated 26.12.2005.

AND WHEREAS subject to the transfer of MTPS to JVC, on the terms agreed to between NTPC, BSEB and the Government of Bihar, JVC has agreed to sell to BSEB and BSEB has agreed to purchase from JVC the entire power of the MTPS on the terms and condition agreed to between the parties.

Now therefore, in consideration of the premises and mutual agreements, covenants and conditions set forth herein, it is hereby agreed by and between the parties as follows: -

1. DEFINITIONS

- 1.1 The words/expressions used in this Power Purchase Agreement (PPA) unless repugnant to the context shall have the same meaning as assigned to them in the Electricity Act, 2003 as amended from time to time and the Rules and Regulations framed or guidelines issued there under.
- 1.2 The words/expressions mentioned below shall have the meanings as assigned respectively hereunder;

- i) ABT Shall mean Availability Based Tariff .
- ii) Act Shall mean the Electricity Act, 2003 as amended/modified from time to time, including any re-enactment thereof.
- iii) Availability in Shall mean the average of the daily average declared

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

relation to a thermal station for any period as a percentage of the installed capacity of the generating station minus normative auxiliary consumption in MW, and shall be computed in accordance with the following formula:

$$\text{Availability} = 10000 \times \sum_{i=1}^N \text{DC}_i / (N \times \text{IC} \times (100 - \text{AUX}_a)) \%$$

where,

IC = Installed Capacity of the generating station in MW,

DC_i = Average declared capacity for the ith day of the period in MW,

N = Number of days during the period, and

AUX_a = Normative Auxiliary Energy Consumption as a percentage of gross generation;

- iv) SLDC Shall mean State Load Dispatch Centre of Bihar
- v) Busbars : Shall mean 132KV/220 KV busbars of the Station to which outgoing feeders are connected.
- vi) CEA or Authority: Shall mean Central Electricity Authority as defined under section 2(6) of the Act.
- vii) CERC or Central Commission: Shall mean Central Electricity Regulatory Commission as defined under section 2(9) of the Act.
- viii) Charges for supply of energy : Shall mean and include all charges to be paid by BSEB in respect of supply of power to them by VAISHALI POWER GENERATING COMPANY LIMITED in accordance with the provisions of this PPA.
- ix) Check: Import/Export Meter Shall mean Meter on the outgoing feeders at Station busbars for maintaining a check on performance of Main Import/Export meter.
- x) CTU or Central Transmission Utility: Shall mean Central Transmission Utility as defined under section 2(10) of the Act.
- xi) Declared Capacity or 'DC': Shall mean the capability of the generating station to deliver ex-bus electricity in MW declared by the generating station in relation to any period of the day or whole of the day, duly

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
 अपर महाप्रबन्धक (व्यापारिक)
 Addl. General Manager (Commercial)
 एन.पी.डी. बिल्डिंग, एन.पी.डी. बिल्डिंग
 EOC, A-6/1, D-1, New Delhi-110001

taking into account the availability of fuel;

- xii) Energy Account - Shall mean periodic Energy Account including amendments thereof, if any, prepared by VAISHALI POWER GENERATING COMPANY LIMITED.
- xiii) ERLDC : Shall mean Eastern Regional Load Despatch Centre as defined under section 2(56) of the Act.
- xiv) ERPC Shall mean Eastern Regional Power Committee constituted by a Resolution of Govt. of India under Section 2(55) of the Electricity Act, 2003.
- xv) GOI : Shall mean Government of India.
- xvi) Grid Code: Shall mean Indian Electricity Grid Code as defined under section 2(33) of the Act as revised from time to time.
- xvii) LC : Shall mean Irrevocable Revolving Letter(s) of Credit.
- xviii) Main Import/ Export Meter: Shall mean Meter for measurement of import/export of active energy on the outgoing feeders at Station busbars for Energy Accounting.
- xix) Transfer Notification: Shall mean the Notification issued by the Government of Bihar in exercise of the powers vested under the Act.
- xx) PPA: Shall mean this Power Purchase Agreement.
- xxi) Reactive Import/ Export Meter Shall mean Meters for measurements of import/export of reactive energy on the outgoing feeders at Station busbars.
- xxii) Renovation and Modernisation (R&M) Shall mean restoration, renovation and modernization and capital addition works to be undertaken by JVC on the terms contained in transfer notification and this agreement.
- xxiii) Station Shall mean Muzaffarpur Thermal Power Station (2 x 110 MW) located at Kanti, District- Muzaffarpur, Bihar.

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

xxiv) STU Shall mean Bihar State Transmission Utility

xxv) Year Shall mean a financial year

2. GENERAL

2.1 Installed Capacity

The nominal installed capacity of the Station is 220 MW (2x110 MW). The installed capacity is, however, subject to de-rating/ re-rating of the generating units as determined from time to time, after following the prescribed procedure as laid down by the Authority.

2.2 Allocation of Power

2.2.1 Entire power generated from the Station (2x110 MW) shall be allocated to BSEB and BSEB shall be required to pay all charges for this capacity.

2.2.2 The aforesaid allocation is subject to opening and maintaining irrevocable revolving L.C equivalent to 105% of the average monthly billing by RSER for the power supplied from the Station.

2.2.3 Notwithstanding the obligations of BSEB to pay all the dues as per this Agreement, in the event of default in opening of LC of adequate amount in favour of JVC or payment of bills beyond a period of Sixty (60) days from the presentation of bills, JVC shall be entitled to regulate power supply to BSEB and/or to sell the share of BSEB to any other customer or other customers, within the state of Bihar or outside till the time the default is rectified. However, for such regulation/diversion of power, BSEB shall be liable to pay the entire Capacity Charges. For any reduction in generation on account of non-availability of appropriate L.C./non-payment of dues, the station shall be treated as available. The surplus over Energy Charges recovered from sale of such power to other customers shall be adjusted against the Capacity Charge liability of BSEB. In case the surplus over Energy Charges is higher than the Capacity Charge liability of BSEB, such surplus shall be retained by JVC.

2.2.4 In case of default in payment of bills beyond a period of Ninety (90) days from the presentation of bills, JVC shall have the right to re-allocate power to other customers. However, BSEB shall continue to be liable to pay the Capacity Charges till the power is reallocated.

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

2.3 Operation of the Power Station

It is understood and agreed by and between the parties that JVC shall operate the station as per the applicable grid operating standards/ directions of the CERC, relevant statutory provisions, as applicable from time to time.

2.4 Drawal of Power

The allocated power from Station shall be drawn by BSEB at the bus bars of the Station, through BSEB's own transmission system or through the transmission system(s) of any other agency (ies) arranged by BSEB;

3. TRANSMISSION/WHEELING OF POWER

3.1 Power shall be made available by JVC at the bus bars of the Station for off-take by BSEB.

3.2 For the quantity of power supplied to BSEB, BSEB shall coordinate and make arrangement with the appropriate authorities/agencies for power evacuation.

3.3 BSEB shall ensure adequate transmission system for evacuation of full capacity from the Station, matching with its progressive performance improvement. Backing down generation at the station due to transmission constraints shall be considered as deemed generation and BSEB shall be liable to pay all charges due for the station. JVC shall not be responsible in any manner whatsoever for transmission arrangement including payment of related charges to respective agencies

3.4 In case power from the Station is diverted to other purchasers for reasons stated in para 2.2.3 and 2.2.4 above, BSEB shall permit transmission/wheeling of electrical energy to other purchasers through their transmission system. For wheeling of energy beyond the Station busbars, the charges for utilization of transmission system(s) owned by BSEB and/or any other agency(ies) shall be mutually settled and paid for directly to BSEB by such purchasers.

3.5 The evacuation of electrical energy generated at the station will be evacuated through 132 KV/220KV lines. Any constraint concerning such evacuation through these lines and the effect of non-availability of 132 kV / 220KV transformers/switchgears etc. owned by BSEB or other than JVC shall be entirely to the account of BSEB

4. Points for metering

The main and check meters at all outgoing feeders at the 220KV/132 KV bus bars of the Station shall be installed and shall be maintained by JVC. Installation and maintenance of main and check meters at locations other than

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एन टी पी सी लिमिटेड/NTPC LIMITED
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the meters installed and maintained by JVC shall be the responsibility of BSEB or other concerned agencies as the case may be. The meters shall be properly sealed after calibration by the concerned parties jointly.

5. Metering System

- 5.1 A set of Main and Check Energy Meters of 0.2 accuracy class as per IEGC shall be installed on all outgoing feeders of the Station by the JVC. BSEB shall make all necessary arrangements for installation of meters at all its drawal points.
- 5.2 The main and check meters shall be checked jointly, at the time of installation and shall not be interfered with except in the presence of other party for testing and/or replacement or for any other purposes for which due information will be given.
- 5.3 Data shall be downloaded from the meters at regular intervals as decided by SLDC for preparation of the Energy Account/UI account.
- 5.4 If the main meter is found to be not working/not indicating at the time of meter readings or at any other time, the JVC shall inform the STU/SLDC of the same and data from check meters shall be considered by SLDC for energy accounting for the respective period.
- 5.5 If both the main and check meter(s) fail to record or if any of the PT fuses are blown out, then the energy accounting shall be done on a mutually agreeable basis between JVC, BSEB and STU/SLDC for that period of defect. In case there is no mutual agreement, the decision of the Head of SLDC would be final and binding.
- 5.6 The main & check meter shall be checked on a quarterly basis by comparison of the readings between these two meters and in case the readings of the two meters differ by more than 0.4%, both the meters will be checked separately with respect to another reference meter and defective meter shall be replaced. The energy metered during the period of defect would be revised by applying a correction factor arrived at after testing of defective meter on the energy metered by the defective meter.
- 5.7 Once in every four years or earlier if felt by either party, both main and check meters shall be tested for accuracy by a substandard meter either at the Station or at any approved testing laboratory. During testing, in case the error is found to be more than the permissible limits, then the meter shall be replaced by a correct meter.



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6. **ENERGY ACCOUNTING**

6.1 Energy Accounts shall be prepared latest by 2nd day of every month.

6.2 Energy Accounts issued by JVC shall be binding on all the parties for billing and payment purposes. When the infrastructure for energy accounting is created by SLDC then the issuance of energy account by SLDC will be discussed and decided.

6.3 Any change in the methodology of Energy Accounting shall be done only as per mutual agreement and no unilateral deductions by BSEB shall be made from bills of JVC on this account.

7. **TARIFF**

7.1 **Tariff determination**

The tariff and terms & conditions for the power to be supplied by JVC from the Station shall be as determined by CERC from time to time as per applicable law. However, the following formulations are specifically agreed to in respect of Tariff:

7.1.1 Capacity Charges

- i) For the purpose of calculation of Depreciation, the Life of station shall be considered as 15 years from the date of takeover. Depreciation shall be allowed on all capital expenditure, which in addition to the transfer value shall also include all expenditure incurred for restoration/ refurbishment as well as renovation & modernisation and other works excluding the amount of grant provided by GOI for restoration/ refurbishment & R&M under Rashtriya Sam Vikas Yojna for MTPS.
- ii) For the purpose of tariff, the entire transfer price shall be considered as equity. Entire expenditure through grant shall be treated as debt and further expenditure thereafter shall be split in 70:30 debt equity ratio.
- iii) Since Grant provided by Govt. of Bihar is without any repayment & interest liability, for the purpose of tariff it shall be considered as debt without any repayment and interest obligation. For other loans, actual interest rate and repayment as per terms & conditions of loan shall be considered.
- iv) The JVC will provide Govt. of Bihar phased requirement of funds under Rashtriya Sam Vikas Yojna for carrying out restoration/refurbishment, renovation & modernization (R&M) and other works. The funds from this Yojna shall be released by Govt. of Bihar immediately upon receipt of requirement from JVC subject to receipt of such funds from the Govt. of India.

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- v) Till the R&M is completed the fixed charges shall be revised at the end of each financial year based on audited capital cost. After R&M is completed, the tariff for the station shall be for fixed tariff period as per CERC regulation based on above said capital cost & norms as agreed in this PPA.
- vi) ~~Ti the end of financial year in which renovation & modernization is completed, the actual Operation & Maintenance expenses incurred by JVC~~ shall be a pass through. However, the provisional annual O&M charges shall be estimated by JVC at the beginning of each year and informed to BSEB. The same shall be billed on monthly basis. The provisionally billed O&M expenses will be adjusted at the end of each year based on actuals. The O & M expenses allowed in tariff for subsequent years shall be as decided by CERC.

7.1.2 Energy Charges

7.1.2.1. Energy Charges shall be worked out on the basis of ex-bus energy scheduled from the generating station as per the following formula:

Energy Charges (Rs) = Rate of Energy Charges in Rs/kWh X Scheduled Energy (ex-bus) for the month in kwh.

Where,

Rate of Energy Charges (REC) shall be the sum of the cost of normative quantities of primary and secondary fuel for delivering ex-bus one kWh of electricity in Rs/kWh and shall be computed as under:

$$REC = \frac{100\{P_p \times (Q_p)_n + P_s \times (Q_s)_n\}}{\{100 - (AUX)_n\}} \quad (\text{Rs/kWh})$$

Where,

P_p = Price of primary fuel namely coal in Rs/Kg.

$(Q_p)_n$ = Quantity of primary fuel required for generation of one kWh of electricity at generator terminals in Kg and shall be computed on the basis of normative Gross Station Heat Rate (less heat contributed by secondary fuel oil) and gross calorific value of coal as fired.

P_s = Price of Secondary fuel oil in Rs./ml,

$(Q_s)_n$ = Normative Quantity of Secondary fuel oil in ml/kWh, and

AUX_n = Normative Auxiliary Energy Consumption as % of gross generation.

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7.1.2.2 Adjustment of rate of energy charge (REC) on account of variation in price or heat value of fuels shall be worked out as follows:

Initially, Gross Calorific Value of coal shall be taken as per actuals for the coal on fired basis. Any variation shall be adjusted on month-to-month basis

on the basis of Gross Calorific Value of coal burnt and landed cost incurred by JVC for procurement of coal.

7.1.2.3 Landed Cost of Coal

The landed cost of coal shall include price of coal corresponding to the grade/quality of coal inclusive of royalty, taxes, duties & cess as applicable, transportation cost by rail/road or any other means, any other coal handling charges, and any other charges incurred for coal preparation etc and, for the purpose of computation of energy charges, shall be arrived at after considering normative transit and handling losses as 0.8% of the quantity of coal dispatched by the coal supply company during the month.


7.1.3 Provisional Tariff

Provisional capacity charges shall be Rs.6.00 crore per month. The energy charges shall be worked out each month on the basis of landed price of fuel & norms of generation agreed herein at 7.1.5 below. These charges shall be subject to retrospective adjustment after final determination of tariff by CERC.

7.1.4 Till the end of financial year in which renovation and modernisation is completed, the Target Availability for recovery of full fixed charges shall be the actual availability achieved during the year. The Target Availability after completion of R&M shall be as decided by CERC.

7.1.5 Till the end of the financial year in which R&M is completed, the operating parameters of heat rate, Aux. Power Consumption & Specific Fuel Oil Consumption shall be as actually achieved at the station for the purpose of recovery of energy charges & after this period operating parameters shall be as decided by CERC.

7.1.6 Unscheduled Interchange(UI) Charges: Variation between actual generation and scheduled generation shall be accounted for through Unscheduled Interchange(UI) Charges as provided in the CERC(Terms and Conditions of tariff)Regulations, 2004 as amended from time to time.


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7.1.7 Incentive-

After R&M, the incentive shall be payable as per CERC regulations at a flat rate of 25.0 paise/kwh for ex-bus scheduled energy corresponding to scheduled generation in excess of ex-bus energy corresponding to target Plant Load Factor. This shall be subject to change as per CERC regulations.

7.1.8 Insurance Premium paid by JVC shall be reimbursed by BSEB to JVC through O&M cost.

7.1.9 Levies, Taxes, Duties, Cess etc. ,

7.1.9.1 Tax on Income:

- (i) JVC shall estimate the Income Tax liability two months before the beginning of each year and intimate the same to BSEB.
- (ii) Provided that the benefits of tax-holiday as applicable in accordance with the provisions of the Income-Tax Act, 1961 shall be passed on to BSEB.
- (iii) Tax on the generation income of the JVC shall be computed as an expense and the actual tax paid shall be recovered from BSEB as advance tax on a quarterly basis as certified by the Statutory Auditors.
- (iv) Any under-recovery or over-recovery of tax on income shall be adjusted every year on the basis of income-tax assessment under the Income-Tax Act, 1961, as certified by the statutory auditors.

7.1.9.2 Other Taxes, Levies, Duties, Royalty, Cess etc.

- (i) All municipal taxes, duties, cess, levies chargeable on the assets and properties of the Station up to the date of transfer shall be borne by BSEB/Govt. of Bihar. However, such taxes after the date of transfer of the Station shall be borne by JVC.
- (ii) Any statutory taxes, levy, duties, cess, royalty fees or any other kind of imposition(s) whatsoever imposed/charged by any Government (Central/State) and/or CERC and/or any other local bodies/authorities on generation of electricity including auxiliary consumption or any other type of consumption including water, transmission, environment protection, sale or on supply of power/energy and/or in respect of any of its installations associated with Generating Station and/or on

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Transmission System and/or on tariff petitions payable by JVC to the authorities concerned in any month shall be borne and additionally paid by BSEB to JVC.

8.0 Establishment of Letter of Credit(LC) and payment of bills:

- 8.1.1 Payment of bills for supply of power from Station shall be made by BSEB through irrevocable.Revolving Letters of Credit (LC) established in favour of JVC with a public sector/scheduled bank acceptable to JVC at least one month prior to the commencement of power supply from the Station.
- 8.1.2 For the first three months, the LC amount shall correspond to the estimated billing as indicated by JVC. Subsequently, BSEB shall open and maintain irrevocable Letter of Credit(LC) equivalent to 105% of average monthly billing for power supplied from the Station.
- 8.1.3 Thereafter, the amount of LC shall be reviewed each half-year commencing April and October in each financial year on the basis of 105% of average of billing of preceding 12 months and LC amount shall be enhanced/reduced accordingly.
- 8.1.4 The LC shall be established for a minimum period of one year and maintained thereafter on a continuous basis. BSEB shall ensure that LC remains valid at all times during the entire/extended validity of this Agreement.
- 8.1.5 LC shall be negotiable on presentation of bill and specify the manner in which bill(s) may be presented to Bank by JVC, which would be in line with the provisions of this PPA. The bills so presented by JVC to the Bank shall be promptly paid on their presentation. All LC charges shall be borne by BSEB.
- 8.1.6 BSEB undertakes that it shall regularly recoup and periodically renew/enhance LC to ensure full payment of JVC bills and that there will be no default in LC payments to JVC.
- 8.1.7 In case the bill amount is more than the LC amount in any month, the payment for the balance amount not paid through LC, shall be promptly paid through cheque or demand draft in favour of JVC on or before the due date i.e. 30 days from the date of the issue of the bills.
- 8.2 Payment security mechanism:

It is agreed that the provisions of Tripartite agreement signed on 20th March'2003 amongst Govt. of India, Reserve Bank of India and Govt. of Bihar



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for any default in payments by BSEB shall be extended for JVC for which BSEB will take up with Govt. of Bihar.

9.0 SCHEDULING

9.1 Methodology of generation scheduling shall be as per Indian Electricity Grid Code (as revised from time to time). The scheduling procedure read with IEGC shall be finalized between JVC and BSEB/SLDC.

10. BILLING AND PAYMENT

10.1 Full charges towards the power allocated to BSEB will be payable even if power is not drawn by BSEB for any reason other than those attributable to JVC. For any reduction in generation at the Station on account of non-availability of appropriate letters of credit / non-payment of dues, the station shall be treated as available.

10.2 JVC shall present the bills after the end of each calendar month for energy supplied to BSEB from the Station.

10.3 Billing Centre of JVC shall carry out billing and associated functions. The authority to whom the bills have to be submitted would be informed by BSEB to JVC failing which JVC would submit the bills to the Chief Engineer (Commercial) of the BSEB.

10.4 The monthly bill for the Station shall be aggregate of charges in accordance with the provisions of this PPA or as determined by CERC. If for certain reasons some of the charges cannot be included in the main monthly bills, such charges shall be billed as soon as possible through supplementary bill(s).

10.5 All the bill(s) of JVC shall be paid in full by BSEB to JVC subject to the condition that-

- i) there is no apparent arithmetical error in the bill(s);
- ii) the bill(s) is/are claimed as per the provisions of this PPA or tariff as determined by CERC;

10.6 In disputed cases, BSEB shall pay 95% of the disputed amount. However, BSEB may file a written objection with JVC within 15 (fifteen) days of presentation of the bill, giving following particulars:

- (i) Item disputed, with full details/data and reasons of dispute
- (ii) Amount disputed against each item.

10.7 In case, the dispute is not resolved, and in the event it is

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Agreement. The amount of excess/shortfall with respect to the said 05% payment based on final award of arbitration shall be paid/adjusted with interest @ 15% per annum from the date on which the amount in dispute was payable/refundable.

11. **Rebate and Surcharge**

11.1 **Rebate on payments and surcharge** on delay in payments, if any, shall be same as per the provisions of tariff determined/approved by CERC/JVC and applicable from time to time.

11A In case the station requires at any point of time the start up power, the prevailing tariff of the station shall be applicable for the said purpose. No UI rate/charges whatsoever would be applicable during this period.

12. **SETTLEMENT OF DISPUTES**

12.1 **Amicable Settlement**

12.1.1 All differences or disputes between the parties arising out of or in connection with the Agreement shall be mutually discussed and resolved amicably within 90 days.

12.2 **Arbitration**

12.2.1 In the event that the parties are unable to resolve any dispute, controversy or claim relating to or arising under this Agreement, as stated above, which are falling under the provisions of the Electricity Act, 2003, the same shall be dealt in accordance with the said Act

12.2.2 All other disputes which are not covered under the Electricity Act, 2003 shall be referred to arbitration. The Arbitration proceedings shall be governed by the Arbitration and Conciliation Act, 1996. The Courts of Delhi shall have exclusive jurisdiction in all matters.

12.2.3 Notwithstanding the existence of any question, disputes and differences referred to arbitration, the parties hereto shall continue to perform their respective obligations under this Agreement

13. **Force Majeure**

Neither party shall be liable for any claim for any loss or damage whatsoever arising out of failure to carry out the terms of the Agreement to the extent that

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such a failure is due to force majeure events such as war, rebellion, mutiny, civil commotion, riot, strike, lock-out, forces of nature, accident, act of God, Act of Government and any other reason beyond the control of concerned party; Any party claiming the benefit of this clause shall reasonably satisfy the other party of the existence of such an event and give written notice within a reasonable time to the other party, to this effect. Generation/drawal of power shall be started as soon as practicable by the parties concerned after such eventuality has come to an end or ceased to exist.

14; Implementation of the Agreement

All discretions to be exercised and directions, approvals, consents and notices to be given and actions to be taken under these presents unless otherwise expressly provided herein, shall be exercised and given by the signatories to this PPA or by the authorised representative(s) that each party may nominate in this behalf and notify in writing to the other party by Registered Post A/D. Any other nomination of authorised representative(s) shall be informed likewise in writing to/by BSEB within one month of signing of the PPA. Notwithstanding any nomination, the Secretary, BSEB, Patna as well as Chief Executive Officer, JVC, New Delhi-110 003 or their authorised representative(s) shall be authorised to act for and on behalf of BSEB and JVC respectively.

15. Notice

All notices required or referred to under this PPA shall be in writing signed by the respective authorised signatories of the parties mentioned herein above, unless otherwise notified. Each such notice shall be deemed to have been duly served if delivered against acknowledgement/receipt or served by registered mail/speed post of Department of Posts with acknowledgement or by fax to the signatory or the authorized representative of the signatory due to the other party.

16. Effective Date and Duration of PPA

The PPA shall come into force from the date of signing of this PPA for all purposes and intent. However, the obligation of JVC to supply power shall arise from the date of restoration of the station after taking over by JVC. This PPA shall remain operative up to completion of Fifteen (15) years from the date of take over of the Station with an option to JVC to review and extend the PPA for a further period of Fifteen (15) years on such terms as the parties may mutually agree.

(1) 20/04/2011

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17. **Governing Laws and Jurisdiction**

That this agreement shall be governed by Indian Laws and the Courts of Delhi shall have the exclusive jurisdiction in all matters under these presents. CERC shall have the exclusive jurisdiction for all regulatory matters including regulation of tariff.

18. The provisions of the "Transfer Notification /Scheme" shall be read as a part of this PPA.

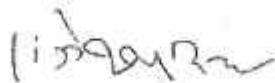
19. **SUCCESSORS AND ASSIGNS**

In case the functions of BSEB are reorganised and/or this PPA is assigned to other organisation(s)/agency(ies), partly or wholly, the Agreement shall be binding mutatis mutandis upon the successor Distribution/Trading organisation(s)/agency(ies)/entities and shall continue to remain valid with respect to the obligations of the successor organisation(s)/ agency(ies)/ entities provided that the successor organisation(s)/agency(ies) is/are owned or controlled by the Government of Bihar.

In the event, the functions of BSEB are reorganised and/or this PPA is assigned to Private organisation(s)/agency(ies), partly or wholly, the successor organization(s) and assign(s) shall ensure alternative payment security mechanism to the satisfaction of JVC as a pre condition to assignment of this Agreement to the Private organisation(s)/agency(ies). In the event such satisfactory arrangement is not made, JVC shall have the option to terminate this Agreement. In the event of termination of this agreement as a result of the failure of the BSEB or the successor entity(ies) to provide alternate payment security mechanism to the satisfaction of JVC for payments envisaged under the agreement, BSEB shall be liable and continue to pay the capacity charges each month till alternate customers are located but limited to a period of two years.

20. **Vesting of the Agreement in JVC**

On the incorporation of the JVC, the rights and obligations of this Agreement shall vest in JVC and NTPC shall have no rights or obligation as a generating company under this Agreement.



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Addl. General Manager (Commercial)
एन टी पी सी एन २४, एन २४, एन २४
EOC, A-8/A, Sector-24, Delhi-11001301

IN WITNESS WHEREOF the parties have executed these presents through their
Authorized Representatives at Patna.

WITNESS:

1.

Chief Engineer (Gen.)
BIHAR STATE ELECTRICITY BOARD,
PATNA

For and on behalf of
Bihar State Electricity Board
Secretary
Bihar State Electricity Board
PATNA.

2.

GURYOG SINGH
Dy. General Manager (Commercial)
NTPC Limited
Corr-8, 4th Floor, SCOPE Complex
Lodhi Road, New Delhi-110 003

For and on behalf of
Joint Venture Company

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प्र.सहायक (वाणिज्यिक)
एन टी पी लिमिटेड
आपराजिबिक
जनरल मैनेजर (कॉमर्शियल)
एन टी पी लिमिटेड / NTPC Limited
कोर-8, 4थ फ्लोर
SCOPE कॉम्प्लेक्स, कोर-8, 4थ फ्लोर
लोधी रोड, नई दिल्ली-110 003

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ANNEXURE - D

Appendix - A

9

Bihar State Power (Holding) Company Limited, Patna

Office of the Inter-State Cell, BSPHCL
(Regd. Office: Vidyut Bhawan, Bailey Road, Patna)

CIN - U40109BR2012SGC018895

Email: - powermanagementcell2018@gmail.com

Letter No: **245**/Patna
H.S. Cell-Misc.-124/2018

Dated: **11.12.2020**

From,

A.K Sinha
Director (Technical)
Power Management Cell

To,

CGM (Commercial)
NTPC Limited
NTPC Bhawan, Scope Complex
7, Institutional Area New Delhi, 110003

Subject: Regarding early termination of PPA signed for KBUNL stage I.

Sir,

Kanti Bijlee Utpadan Nigam Limited (KBUNL) a subsidiary of NTPC Ltd. has its power station situated at Kanti, Muzaffarpur consisting of 2x110 MW Units under stage I, which was established by BSEB. The first Unit (110 MW) was commissioned on 31.03.1985 and the second unit was commissioned on 17.03.1986. Pursuant to Memorandum of Agreement (MoA) dated 26-12-2005 signed amongst Govt. of Bihar, the then BSEB and NTPC for formation of JVC (Between NTPC and BSEB) to facilitate the transfer of asset and business of Muzaffarpur Thermal Power Station (2X110 MW) to the JVC. Govt of Bihar later issued BSEB reform (Transfer of Muzaffarpur Thermal Power Station) Scheme 2006 dated 08-09-2006 vide notification number 35.

Subsequent to above, one PPA was executed with NTPC wherein it was agreed between the parties that entire power generated from the station shall be allocated to BSEB and BSEB shall be required to pay all charges for this capacity (Clause 2.2.1 of the PPA).

The tariff details of the plant are mentioned below:

| Plant Name | Capacity (MW) | Variable Cost (Rs/Unit) | Monthly Fixed Charges (Rs Cr.) |
|------------|---------------|-------------------------|--------------------------------|
| KBUNL-I | 220 (2x110) | 3.16 | 13.0 (Approx.) |

3/11/12/2020

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The high operating cost (variable charge) of KBUNL stage I units has compelled BSPHCL to put the Units under RSD for many months in continuation in the recent past, resulting in abnormally high per unit power cost from the Stage I units.

Further, as per PPA clause 2.2.1 BSPHCL is also required to pay the fixed charge to NTPC even when Bihar is not drawing power from the power station and is compelled to keep the Units under RSD, due to its high VC. This however defeats the very objective of the said Transfer scheme which was to make available cheaper power to the consumers by reducing the cost of generation of the Station.

It has been gathered from latest bill served by KBUNL that the fixed cost charged against the Stage I Units is Rs 157Cr/Annum i.e. Rs 13.08 Cr /Month (approx).

In view of the facts mentioned above and in the larger interest of the consumers of the State, we are exploring the options for early termination of the PPA on mutually agreed terms and conditions.

You are therefore requested to intimate the minimum amount of upfront payment for early termination of the PPA preferably from 01.01.2021.

Yours faithfully

Sd/-

(A.K.Sinha)
Director (Tech.)

Memo No.....

dated

Copy to:-

1. Director (Commercial), NTPC Limited, NTPC Bhawan, Scope Complex
7, Institutional Area New Delhi, 110003;
 2. RED (ER-I) NTPC Ltd, Lok Nayak Jayprakash Bhawan, Dakbungalow chauraha Patna;
 3. CEO, KBUNL Ltd
- for kind information and necessary action.


11/12/2020
(A.K.Sinha)
Director (Tech.)



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

Bihar Electricity Regulatory Commission

VidyutBhawan-II, J.L.NehruMarg, Patna 800 021

Case No. 10/2021

In the matter of:

Petition seeking approval to exit from Power Purchase Agreement (PPA) of MTPS Stage-I (2x110 MW) on completion of the period specified in the PPA (i.e. on 07.09.2021), in light of Ministry of Power (MoP), Govt. of India order dated 22.03.2021.

And

In the matter of:

Bihar State Power Holding Company Ltd. (BSPHCL) on behalf of NBPDCCL & SBPDCL**Petitioner**

Vs.

Kanti Bijlee Utpadan Nigam Limited (KBUNL)
NTPC Ltd.

.....**Respondent**

Quoram:

1. Shishir Sinha - Chairman
2. S.C Chourasia - Member

Appearance:

| | | |
|-----|--|-------------------------|
| 1. | Sh. Arun Kumar Sinha, Director (Tech.) | On behalf of BSPHCL |
| 2. | Sh. Abhijeet Kumar, C.E (PMC) | |
| 3. | Sh. Nadeem Ahmed, ESE (PMC) | |
| 4. | Sh. Anupam Kumar, EEE (PMC) | |
| 5. | Sh. Amit Kumar, AEE (PMC) | |
| 6. | Ms. Bharti Kumari, DGM | On behalf of KBUNL/NTPC |
| 7. | Sh. Amit Arora, DGM | |
| 8. | Sh. Manish Jain, AGM | |
| 9. | Sh. Ashok Sarkar, AGM | |
| 10. | Ms. Ritu Apurva, Advocate | |

Date of hearings: - 27.08.21, 03.09.21

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एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, NOIDA-201301

ORDER

Date: 07.09.2021

1. Introduction:

- 1.1 The Chief Engineer (PMC), BSPHCL has filed instant petition on behalf of North Bihar Power Distribution Co. Ltd. (NBPDC) & South Bihar Power Distribution Co. Ltd. (SBPDCL) seeking approval to exit from Power Purchase Agreement (PPA) of MTPS Stage-I (2x110 MW) on completion of the period specified in the PPA (i.e. on 07.09.2021), in light of Ministry of Power (MoP), Govt. of India order dated 22.03.2021. The petition were registered as case no. 10/2021 and posted on 27/08/2021 for hearing the case. Notices were issued to the parties.

The prayers made by the petitioner-BSPHCL are as under;

- i) *Allow the DISCOMs to exit from the PPA of MTPS Stage-I, (2x110 MW) on completion of term of PPA i.e. with effect from 08.09.2021.*
- ii) *As the term of said PPA ends on 07.09.2021, the commission is requested to dispose of the petition preferably before the above date.*
- iii) *Condone any inadvertent omissions/errors/shortcomings and permit to add/change/modify/alter this filing and make further submissions as may be required at a future date.*
- iv) *Pass such order as the Commission deem fit and proper.*

2. Submission of the Petitioner: The brief of the submissions of the petitioner in its written petitions and advanced during the hearing are as under:

- 2.1 Petitioner has submitted that Power Purchase Agreement (PPA) was executed between the then Bihar State Electricity Board (BSEB) And NTPC Limited (as promoter and majority share holder of Vaishali Power Generating Company Limited) on 22.08.2006 for Muzaffarpur Thermal Power Station Stage-I (2x110 MW) unit. It was clarified in the agreement that the BSEB and Vaishali Power Generating Company Limited shall unless repugnant to the context or meaning thereof shall include its successor(s), administrator(s) and assign(s) similarly for the expression.



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The successor entities of BSEB in this context are SBPDCL and NBPDC and that of Vaishali Power Generating Company Limited is Kanti Bijlee Utpadan Nigam Limited (KBUNL).

- 2.2 Further, as per clause 2.2.1 of the PPA, the entire power generated from the station (2x110 MW) units shall be allocated to BSEB and BSEB shall be required to pay all charges for this capacity. Accordingly Power is being scheduled from these units following the Merit Order Dispatch (MOD) principle and least cost method.
- 2.3 Further, as per clause 16 of the aforesaid PPA, it was to remain operative up to completion of 15 years from the date of takeover of the station with an option to JVC (i.e. KBUNL) to review and extend the PPA for a further period of 15 years on such term as a parties may mutually agreed. Here it is also relevant to mention that the Govt. of Bihar vide notification no. 36 dated 08.09.2006 issued by the Energy Department, Govt. of Bihar has appointed the date of 08.09.2006 as the date of coming into force of the Bihar Electricity Reform (Transfer of Muzaffarpur Thermal Power Station) scheme 2006 and as date of transfer Muzaffarpur Thermal Power Station from BSEB to Vaishali Power Generating Company Limited.

Therefore by conjoint reading of both the above document it is clear that the aforesaid PPA has to remain operative up to 07.09.2021.

- 2.4 Petitioner has further submitted that the Govt. of India issued order vide notification no. 23/23/2020-R&R [254623] dated 22.03.2021 whereby it has been provided that willing DISCOMs may relinquish their shares from eligible CGSs after expiry of the term of PPA, i.e. on completion of 25 years from the date of commissioning of the plant or a period specified in the PPAs. It has further been provided that the request for relinquishment of such power from CGSs may be submitted only after the approval of the State Commission, who would ensure the adequacy of power tied up with DISCOMs to meet the demand of electricity to all the consumers under such DISCOMs.

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16.1A-8A, Sector-24, NUIDA-201301

- 2.5 Further, Bihar Electricity Regulatory Commission (BERC) has issued directions on different occasions that DISCOMs should review the PPAs which are completing their tenure. The same has also been directed by the commission in its recent order passed in case No 14, 15 & 16 of 2020.
- 2.6 Further, petitioner has submitted the MoD of last 12 months in which the Energy Charge rate (ECR) of MTPS stage I units (2x110 MW) of KBUNL remains very high.
- 2.7 Further, petitioner in its additional submission dated 02.09.2021 has submitted that:
- i) With regard to adequacy of power to meet the demand of electricity for all consumers it is submitted that proposed exit from the PPA with KBUNL w.e.f 08.09.2021 consequent upon completion of tenure of PPA on 07.09.2021 there will not be any adverse effect on power availability to DISCOMs rather it will help in power purchase cost optimization of DISCOMs which would ultimately benefit the consumers of the State. The Commission may kindly appreciate that as per the agreed terms under Para 16 of the PPA, the PPA has to remain operative for 15 years i.e till 07.09.2021. It is also to say that though the said Para contains enabling provision for extension of term of PPA beyond 15 years tenure on mutually agreed terms by the parties, BSPHCL/DISCOMs in the overall interest of consumers of the State has decided not to extend the term of the PPA beyond 07.09.2021.
- a) The Commission from time to time has observed that the tied up capacity of power through different PPAs is in surplus of required capacity and also directed to review PPAs which are nearing its completion.
- b) As can be seen from the table/ chart that the available tie-up upon exit from the PPA with KBUNL Stage-I units would be adequate to meet the expected demand.

- c) Non extension of term of PPA will reduce the burden of Capacity charges which is paid to generators even if the power is not scheduled from it. Thus non extension will help in Power purchase cost optimization and also in meeting the overall objective of BERC (Power purchase and procurement process of licensee) Regulations, 2018.
- ii) It is humbly submitted that due to paucity of time filing an affidavit to the effect that no dues/obligations are liable on the petitioner towards NTPC with regards to the above mentioned PPA appears difficult to achieve.

However the petitioner undertakes that reconciliation of dues/ obligations with regards to the above PPA with KBUNL (a fully owned subsidiary of NTPC) will be done on mutually agreed point and as obligated under clause (2) (iv) of the letter dated 22.03.2021 of MoP, Govt. of India, the DISCOMs shall continue to be liable to make all payment /dues as per the prevailing rules/ regulations to the generator (i.e. KBUNL) till final settlement.

The petitioners therefore craves leave from filing the affidavit as directed by the Commission vide order dated 27.08.2021 and requested that the above undertaking of the petitioner may be accepted and the Commission may grant exemption from filing affidavit.

It is also to submit that the exit from the above PPA of Stage-I units of KBUNL will not sever the commercial relationship with KBUNL as we will continue to gets power from Stage-II units under a separate PPA for the same.

- iii) With respect to the order of Commission vide para (iii) dated 27.08.2021 it is to submit that NTPC was earlier informed vide our Letter No. 245 dated 11.12.2020 regarding our intention for exit from the PPA in the form of its early termination in reply whereof NTPC vide



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letter No. 01: CD :904 dated 29.12.2020 communicated their willingness for the same with certain settlement terms.

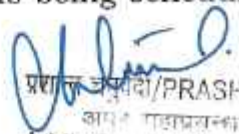
It is humbly submitted that our letter dated 11.12.2020 may be treated as notice to the generator.

iv) In view of the above it is submitted that the Commission may consider the prayer made in the original petition for its approval on the proposed exit from the PPA executed for procurement of power from the Stage-I units (2x110MW) of Muzaffarpur Thermal Power Station of KBUNL (a fully owned subsidiary of NTPC) w.e.f the date specified in the PPA i.e. with effect from 08.09.2021, as it will help in optimization of overall power purchase cost of Bihar DISCOMs and will be in the larger public interest.

3. Submission of Respondent KBUNL/NTPC : The main excerpts of the submissions of the petitioner in its written petitions and advanced during the hearing are as under:

3.1 The instant petition has been filed under the Notification dated 22/03/2021 issued by the Ministry of Power, Government of India providing for Guidelines for distribution licensees to relinquish the electricity from eligible central generating stations (CGSs) after expiry of the term of the power purchase agreement (PPA) i.e. either on completion of 25 years from the date of commissioning of the plant or a period specified in the PPA.

3.2 Further, the main reason cited by the Petitioner for seeking relinquishment are the directions issued by the Commission to review the existing PPAs that are completing the tenure. The PPA dated 22/08/2006 entered into between the Petitioner and the respondent is coming to an end on 07/09/2021. However, it is wrong and denied that the ECR of the generating station is very high. The tariff being billed by the Respondent is only as per the Tariff Orders passed by the Central Electricity Regulatory Commission. Further Kanti-I station is falling in the merit order of the Petitioner and power is being scheduled from this


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station for the last 07 months even in the current year by the Petitioner for supply to its consumers.

3.3 It is stated that the Notification dated 22/03/2021 issued by the Ministry of Power is an umbrella document providing for the process for relinquishment of electricity by the distribution companies. The Notification provides the following steps to be followed with regard to relinquishment –

- (i) As a 1st step, the distribution licensee has to approach the state electricity regulatory commission with a petition satisfying that even without the electricity that it wishes to relinquish, it has adequate capacity to meet all the needs of the consumers in the State;
- (ii) Once the above approval is obtained, the distribution licensee has to issue a notice to the generating company referring to the Order and communicating its intention to relinquish the electricity;
- (iii) A period of 6 months thereafter has been provided for the parties to settle all the pending dues/claims and counter claims;
- (iv) Once the above settlement occurs, either the generating company or the distribution licensee can inform the same to the Ministry of Power;
- (v) Thereafter, the power allocation shall be treated as withdrawn;
- (vi) Till the final relinquishment is accepted, the distribution licensee will remain liable to pay all charges, tariff and other payments to the generating company;

3.4 It is stated that at present, the Petitioner has only followed the 1st step and the scope of the present petition is for the Commission to take a view as to whether the Petitioner has adequate power tied up to meet its demand and that of the consumers in the State of Bihar, if the Petitioner

relinquishes the electricity allocated to it under the PPA dated 22/08/2006.

- 3.5 BSPHCL has contended that its letter dated 11.12.2020 sent to KBUNL/NTPC, proposing pre-termination of PPA should be considered as a 'Notice' as per the MoP Guidelines dated 22.03.2021.

The contention raised by BSPHCL is wrong and denied. It is not understood as to how the steps mentioned for relinquishment of power in the MoP Order dated 22.03.2021 can be assumed to be complied on an earlier date and even before the Guidelines were issued. Surely, BSPHCL could not have imagined the contents of the Guidelines dated 22.03.2021 and issued a notice in advance.

- 3.6 Further, the relevant portion of the letter dated 11.12.2020 sent by BHSPCL to KBUNL/NTPC is quoted below-

"In view of the facts mentioned above and in larger interest of consumer of the State, we are exploring the options for early termination of PPA on mutually agreed terms and conditions.

You are therefore requested to intimate the minimum amount of upfront payment for early termination of the PPA."

- 3.7 The above letter only informed that BHPHCL's was considering its options for pre-termination of the PPA on mutually agreed terms. By no stretch of imagination, can this letter be construed as a Notice under the MoP Guidelines dated 22.03.2021 which needs to be given after receiving the approval for relinquishment from this Commission. Further, KBUNL/NTPC vide its reply letter dated 29.12.2020 made a counter proposal to BSPHCL but BSPHCL never acted upon it and is continuing to take electricity / power from KBUNL till date. In fact, BSPHCL during the hearing has itself accepted the fact that pre-termination proposal did not materialise and thus they continued taking power from KBUNL.

- 3.8 The letter dated 11.12.2020 does not fulfils the criteria of 'Notice' under PPA dated 22.08.2006 nor the MoP's Guidelines dated 22.03.2021. At the most the letter dated 11.12.2020 can be considered to be an offer by BSPHCL to which NTPC gave a counter offer. Ultimately, the pre-

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termination did not fructify and BSPHCL is continuing to take electricity / power from KBUNL till date.

- 3.9 As per the MoP Guidelines dated 22.03.2021 BSPHCL has only followed the first step i.e. filing of the present Petition and the Commission is yet to declare whether BSPHCL has surplus power or not. Hence, any prior communication related to pre-termination of PPA does not hold any relevance in the context of the Mop Guidelines dated 22.03.2021.
- 3.10 BSPHCL in its reply dated 02.09.2021 has contended that it is undertaking to pay all the dues of KBUNL/NTPC. It is submitted that BSPHCL undertaking holds no relevance as BSPHCL has not mentioned any time period for the said payment. In any event, the issue of dues will be settled when BHPHCL issues notice to KBUNL/NTPC after obtaining the approval of this Commission to relinquish the electricity.
- 3.11 According to KBUNL, an amount of Rs.1020.27 Cr is due as on 31.08.2021 and pending from the BSPHCL towards its various dues qua the above PPA dated 22.08.2006. In addition to the above, BSPHCL would be liable to discharge its liabilities towards KBUNL on account of unrecovered depreciation, cost of decommissioning, other associated expenses and on account of tariff orders of CERC/ decisions of APTEL/ other courts etc. after exit from PPA.
- 3.12 The Commission on the request of KBUNL/NTPC in the hearing dated 03.09.2021, has given liberty to KBUNL/NTPC to propose a fixed date as the last date for payment of all dues. The MoP Guidelines expects that the claims between the parties should be settled as under:

Quote

MoP guideline dated 22.03.2021

"....iv. The relinquishment of such power will be considered only after the State/discoms have cleared all the past dues. The State/discoms shall continue to be liable to make all eligible payments/ dues as per the prevailing rules/regulations to the Generators whose share of power has been relinquished till final settlement."

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Unquote

3.13 It is wrong and denied that the ECR of the generating station is very high. The tariff being billed by the KBUNL/NTPC is only as per the Tariff Orders passed by the Central Electricity Regulatory Commission. Further Kanti-I station is falling in the merit order of the BSPHCL and power is being scheduled from this station during last 07 months even in the current year by BSPHCL for supply to its consumers. BSPHCL is still scheduling the electricity from the generating station.

4. **Hearing:**

The commission heard the case on 27.08.21 on the point of admission. Petitioner has deliberated the instant petition and further advanced their arguments in favour of their petition. Further, NTPC/KBUNL (a fully owned subsidiary of NTPC) are also impleaded as party to this petition. Ms. Ritu Apurva, learned advocate appeared on their behalf and submitted a preliminary reply before the commission. Further, Commission directed both the parties to file any further written submissions/arguments on or before 06.09.2021 positively.

Commission after perusing the petitions and hearing the submissions and contentions of the parties present during the hearing decided to dispose of instant case. Accordingly, the order after hearing **was reserved.**

Further, as directed, KBUNL/NTPC and petitioner BSPHCL has submitted their written submissions/arguments on 06.09.2021.

5. **Commission's analysis:**

Having examined the written & oral submissions of the petitioner and replies of the respondents present during the hearing, the commission finds that:

5.1 Ministry of Power, Govt. of India has issued order vide notification no. 23/23/2020-R&R [254623] dated 22.03.2021 whereby it has been provided as under:

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"2. Based on the comments received in this ministry, the following Guidelines for enabling the DISCOMs to either continue or exit from the PPA after completion of the term of the PPA i.e beyond 25 years or a period specified in the PPA and allow flexibility to the Generators to sell power in any mode after State/DISCOM exit from PPA have been framed for the compliance for all the concerned stakeholders.

I. The first right to avail power from the Central Generating Stations developed under section 62 of the Electricity Act (eligible CGSs), even beyond the term of PPA i.e. On completion of 25 years from the date of commissioning of the plant or a period specified in the PPA will continue to be with the States/DISCOMs with whom the PPA was signed.

II. Willing States/DISCOMs may relinquish their share from eligible CGSs after expiry of the term of the PPA i.e on completion of 25 years from the date of commissioning of the plant or a period specified in the PPA. The request for relinquishment of such power from CGSs may be submitted only after the approval of the State Commission who would ensure the adequacy of power tied up with the DISCOMs to meet the demand of electricity for all the consumers under such DISCOMs.

III. a) The States/DISCOMs having long-term PPAs with the Central Generating stations, which are due to expire in the near future can opt to relinquish the entire allocated power (firm and unallocated share) from such eligible CGSs post completion of the PPA tenure i.e on completion of 25 years from the date of commissioning of the plant or a period specified in the PPA by giving six months advance notice for their intention to relinquish such power.

b) For the Stations, which have already completed 25 years, States may exit from the PPA of such eligible CGS after giving six months of notice of relinquishment of such power.

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IV. The relinquishment of such power will be considered only after the State/DISCOMs have cleared all the past dues. The State/DISCOMs shall continue to be liable to make all the eligible payments/dues as per the prevailing rules/regulations to the Generators whose share of power has been relinquished till final settlement.

V. In all such cases of relinquishment of share from power stations, the power allocation, if any, made by the Central Government to the State from that power station would be treated as withdrawn; Intimation to this effect will be required to be given by either the generating company or the State to the Ministry of power.

VI. States may also relinquish the entire unallocated power from the CGSs (except some specific allocations e.g. power which has been bundled with solar etc). Part relinquishment of share from unallocated pool of power shall not be feasible and accordingly shall not be allowed.

VII. Any share for Central Generating stations, once relinquished by the State, will not be allowed to be taken back by the State under the same PPA conditions.....

....."

- 5.2 Commission has observed that, the intent Under Para 2 (ii) of above said order of Ministry of Power is to ensure the adequacy of power tied up with the DISCOMs to meet the demand of electricity for all the consumers under such DISCOMs after relinquishment of their share from eligible CGSs after expiry of the term of the PPA .
- 5.3 With regard to adequacy of power to meet the demand of electricity for all consumers, petitioner has submitted that the proposed exit from the PPA with KBUNL w.e.f 08.09.2021 consequent upon completion of tenure of PPA on 07.09.2021 there will not be any adverse effect on power

availability to DISCOMs rather it will help in power purchase cost optimization of DISCOMs which would ultimately benefit the consumers of the State.

Further, petitioner has also submitted the detailed calculation of adequacy of power based on average demand up to FY 29-30 and Commission has observed that there will always be huge surplus power available upto FY 29-30 and will not be any impact on power availability to DISCOMs.

- 5.4 Further, Respondent KBUNL/ NTPC have denied that the ECR of the generating station is very high. The tariff being billed by the KBUNL/NTPC is only as per the Tariff Orders passed by the Central Electricity Regulatory Commission. Further, Kanti-I station is falling in the merit order of the BSPHCL as power is being scheduled from this station during last 07 months even in the current year by BSPHCL for supply to its consumers. BSPHCL is still scheduling the electricity from the generating station.

In view of above, petitioner has submitted the data regarding entitlement vis a vis scheduled generation of MTPS stage-I (KBUNL) of the last twelve (12) months. This is tabulated as under:

| Details of drawl from MTPS stage-I (KBUNL) Units | | | |
|---|--------------------------|--|---------------------------------|
| Month | Entitlement (MUs) | Total Schedule Generation (MUs) | %age Schedule Generation |
| Aug-20 | 144.86 | 31.81 | 21.96% |
| Sep-20 | 140.18 | 0.00 | 0.00% |
| Oct-20 | 144.86 | 0.00 | 0.00% |
| Nov-20 | 140.18 | 0.00 | 0.00% |
| Dec-20 | 144.86 | 0.00 | 0.00% |
| Jan-21 | 144.86 | 0.00 | 0.00% |
| Feb-21 | 130.84 | 57.08 | 43.63% |
| Mar-21 | 144.86 | 110.63 | 76.37% |

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 EOC, Area Sector-24, New Delhi-110001

| | | | |
|--------------|----------------|---------------|---------------|
| Apr-21 | 140.18 | 103.29 | 73.68% |
| May-21 | 144.86 | 22.12 | 15.27% |
| Jun-21 | 140.18 | 52.61 | 37.53% |
| Jul-21 | 144.86 | 22.47 | 15.51% |
| Total | 1705.57 | 400.02 | 23.45% |

From the table, it is evident that out of total entitlement of 1705.57 MUs from MTPS stage-I (KBUNL) Units, petitioner BSPHCL has scheduled 400.02 MUs which is only 23.45% of the total entitlement. Therefore, exit from this PPA shall not affect the adequacy of power of DISCOMs.

Further, Commission observed from above table that relinquishment of said PPA will reduce the burden of Capacity charges which is paid to the generators even if the power is not scheduled from it.

Further, petitioner has submitted the Merit Order Dispatch (MoD) of last 12 months in which they submitted the Energy Charge rate (ECR) of MTPS stage I units (2x110 MW) of KBUNL which remains very high and comes almost second last in MOD list, this is also one of the main reason for not scheduling the said power. Commission also agrees with these views of the petitioner.

- 5.5 Further, petitioner has submitted that, as per the agreed terms under Para 16 of the PPA, the PPA has to remain operative for 15 years i.e till 07.09.2021 and the said Para contains enabling provision for extension of term of PPA beyond 15 years tenure on mutually agreed terms by the parties. BSPHCL/DISCOMs in the overall interest of consumers of the State have decided not to extend the term of the PPA beyond 07.09.2021.
- 5.6 Further, petitioner BSPHCL has submitted that NTPC was earlier informed vide our Letter No. 245 dated 11.12.2020 regarding our intention for exit from the PPA in the form of its early termination in reply where of NTPC vide letter No. 01: CD :904 dated 29.12.2020 communicated their willingness for the same with certain settlement

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

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terms. It is requested to consider our letter dated 11.12.2020 may be treated as notice to the generator.

However, Respondent KBUNL/NTPC has contended that its letter dated 11.12.2020 sent to KBUNL/NTPC, proposing pre-termination of PPA should not be considered as a 'Notice' as per the MoP Guidelines dated 22.03.2021. The contention raised by BSPHCL is wrong and denied.

Commission is incline to accept the view of BSPHCL because NTPC in its letter dated 29.12.2020 has appreciated and accepted the early termination request of petitioner BSPHCL with certain terms and conditions.

- 5.7 Further, Respondent KBUNL/ NTPC has submitted that, an amount of Rs.1020.27 Cr is due as on 31.08.2021 and pending from the BSPHCL towards its various dues qua the above PPA dated 22.08.2006. In addition to the above, BSPHCL would be liable to discharge its liabilities towards KBUNL on account of unrecovered depreciation, cost of decommissioning, other associated expenses and on account of tariff orders of CERC/ decisions of APTEL/ other courts etc. after exit from PPA.

In view of above, petitioner has submitted the undertaking that reconciliation of dues/ obligations with regards to the above PPA with KBUNL I (a fully owned subsidiary of NTPC) will be done on mutually agreed point and as obligated under clause (2) (iv) of the Ministry of Power, Govt. of India letter dated 22.03.2021, Further, the DISCOMs shall continue to be liable to make all payment /dues as per the prevailing rules/ regulations to the generator (i.e. KBUNL I) till final settlement. Further, petitioner has also submitted that the exit from the above PPA of Stage-I units of KBUNL will not sever the commercial relationship with KBUNL as petitioner will continue to gets power from Stage-II units under a separate PPA for the same.

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



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5.8 Order:

Considering the facts & circumstances mentioned above, the Commission approves the instant proposal of the petitioner to exit from Power Purchase Agreement (PPA) of MTPS Stage-I (2x110 MW) on completion of the period specified in their PPA (i.e. on 07.09.2021) subject to adherence of all relevant terms and conditions specified in Ministry of Power (MoP), Govt. of India order dated 22.03.2021.

Accordingly, the instant petition is disposed off

Sd/-

**(S.C.Chaurasia)
Member**

Sd/-

**(Shishir Sinha)
Chairman**

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (व्यापारिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड
EOC, ANS, Delhi



ANNEXURE - F



काँटी बिजली उत्पादन निगम लिमिटेड
(एनटीपीसी की पूर्ण स्वामित्व वाली सहायक कंपनी)
मुजफ़रपुर थर्मल पावर स्टेशन काँटी
Kanti Bijlee Utpadan Nigam Ltd.
(A wholly-owned Subsidiary of NTPC Ltd.)
Muzaffarpur Thermal Power Station, Kanti

EXTRACT FROM THE MINUTES OF 91st MEETING OF THE BOARD OF DIRECTORS OF KBUNL HELD ON TUESDAY, 26th OCTOBER 2021 AT 12:30 P.M.

Item No. 91.2.2 Approval for the permanent stoppage of operation & decommissioning of MTPS Stage-I (2X110 MW) and disposal of related plant & machinery

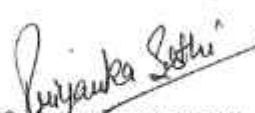
XX


The Board, after discussion, passed the following resolutions:-

*RESOLVED THAT subject to approval from NTPC, the proposal for discontinuance of operation of Muzaffarpur Thermal Power Station (MTPS), Stage-I (2 X 110 MW), along with all Auxiliary systems except switchyard, CHP & Other facilities be and is hereby approved after expiry of validity of the PPA entered into with erstwhile BSEB (i.e.w.e.f. 08.09.2021).

FURTHER RESOLVED THAT subject to compliance with the provisions of Article of Association of the Company and subject to approval of the shareholders of the Company in accordance with the provisions of Section 180 of the Companies Act, 2013, if required, in-principle approval be and is hereby accorded for disposal of plant & machinery of MTPS Stage-I except the facilities as mentioned at Annexure of the Board Memorandum for MTPS Stage-II (2 X 195 MW).

FURTHER RESOLVED THAT CEO-KBUNL be and is hereby authorized to take all further necessary actions related to closure and decommissioning of MTPS Stage -1.


प्रियंका सेठी / PRIYANKA SETHI
कंपनी सचिव / Company Secretary
काँटी बिजली उत्पादन निगम लिमिटेड
Kanti Bijlee Utpadan Nigam Ltd
NTPC Bhawa, Core-7, Scope Complex
7, Institutional Area, Lodi Road, New Delhi-110003


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

PO - Kanti Thermal, Dist. Muzaffarpur
Regd Office - NTPC Bhawa, Scope Complex, 7, Institutional Area, Lodhi Road, New Delhi 110003 www.kbunl.co.in
CIN: U40102DL2006GOI153167 E-mail: ntpecc@ntpc.co.in

ANNEXURE - G

EXTRACTS FROM THE MINUTES OF 507TH MEETING OF THE BOARD OF DIRECTORS HELD ON THURSDAY, 30TH DECEMBER 2021

Item no. 507.2.5 Approval to Kanti Bijlee Utpadan Nigam Limited (KBUNL), a wholly owned Subsidiary of NTPC for the permanent stoppage of operation & decommissioning of MTPS Stage-I (2 X 110 MW) and disposal of related plant & machinery

XX XX XX XX XX XX XX XX XX XX XX XX
XX XX XX XX XX XX XX XX XX XX XX XX

The Board, after discussion, passed the following resolution:

Resolved that approval be and is hereby accorded to Kanti Bijlee Utpadan Nigam Limited (KBUNL), a wholly owned Subsidiary of NTPC, for discontinuance of operation of Muzaffarpur Thermal Power Station (MTPS), Stage-I (2 X 110 MW), along with all Auxiliary systems (except Switchyard, CHP & Other facilities as mentioned in Annexure VII of the Board memorandum) w.e.f. 08.09.2021 (i.e. on expiry of validity of the PPA entered into with erstwhile BSEB).

Further resolved that subject to compliance with the applicable statutory provisions, approval be and is hereby accorded to KBUNL for disposal of plant & machinery of MTPS Stage-I except the facilities as mentioned at Annexure VII of the Board Memorandum.

Further resolved that Chief General Manager (BD) or an officer not below the rank of Additional General Manager (BD) be and is hereby authorized to communicate decision of Board to KBUNL on behalf of NTPC.

Nandini Sankar

Prashant Chaturvedi

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

ANNEXURE - H

File No.CEA-PL-14-38/1/2022-PDM Division

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
सचिव का कार्यालय, के.वि.प्रा.
Office of Secretary, CEA

To,

A. K. Tandon,
Chief Executive Officer
Kanti Bijlee Utpadan Nigam Limited
Kanti, Mazaffarpur
Bihar-843130

Subject: Retirement of Unit No. 1 & 2 (2x110 MW) of Muzaffarpur Thermal Power Station, Kanti Bijlee Utpadan Nigam Limited- regarding.

Ref: Letter no. KBUNL/MTPS/CEO/130/2022 dated 04.01.2022 from Chief Executive Officer, Kanti Bijlee Utpadan Nigam Ltd.

Sir,

Reference is invited to letter received from Chief Executive Officer, Kanti Bijlee Utpadan Nigam Ltd. (KBUNL) regarding retirement of Unit No. 1 & 2 (2x110 MW) of Muzaffarpur Thermal Power Station. The details furnished by KBUNL have been seen by the Central Electricity Authority.

It is seen that power generated from Muzaffarpur TPS Stage-I Unit No 1 & 2 (2x110 MW) was supplied to Bihar DISCOMs i.e. NBPDCI. and SBPDCL. The PPA with BSPHCL (sole beneficiary) has expired i.e. on 07.09.2021. Subsequently, the Board of Directors of NTPC in its meeting held on 30th December 2021, accorded approval for discontinuance of operation of Unit No.1 & 2 (2x110 MW) of Muzaffarpur TPS, KBUNL, w.e.f. 8th September 2021.

The decision to retire Muzaffarpur TPS Unit No 1 & 2 (2x110 MW) has been taken by NTPC based on techno-economic reasons. Based on their decision, the capacity of these units are being deleted from the database of All India Installed Capacity of CEA.

Yours faithfully


(V. K. Mishra)
Secretary, CEA

Copy for information to:

- | | |
|---|---|
| 1. PPS, Secretary, MoP | 2. SA to Chairperson, CEA |
| 3. All Chief Engineers of CEA | 4. All Heads of Subordinate offices, CEA |
| 5. SA to Member (Planning/Hydro/ Thermal/E&C/GO&D/PS), CEA | 6. IT Division, CEA for uploading on CEA website |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अधीनस्थ प्रबन्धक (व्यापारिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड (NTPC) LIMITED
EOC, A-08, Sector-24, Gurgaon - 122001

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
सचिव का कार्यालय, के.वि.प्रा.
Office of Secretary, CEA

सेवा में,

A. K. Tandon,
Chief Executive Officer
Kanti Bijlee Utpadan Nigam Limited
Kanti, Mazalhapur
Bihar-813130

विषय: मुजफ्फरपुर थर्मल पावर स्टेशन, कान्ति बिजली उत्पादन निगम लिमिटेड की इकाई सं. 1 और 2 (2x110 मेगावाट) की रिटायरमेंट के संबंध में।

संदर्भ: Letter no. KBUNI/MTPS/CEO/130/2022 dated 04.01.2022 from Chief Executive Officer, Kanti Bijlee Utpadan Nigam Ltd.

संदर्भ,

मूल्य कार्रवाई अधिकांश, कान्ति बिजली उत्पादन निगम लिमिटेड (KBUNI) के मुजफ्फरपुर थर्मल स्टेशन की इकाई सं. 1 और 2 (2x110 मेगावाट) के रिटायरमेंट के संबंध में प्राप्त पत्र की ओर संदर्भ व्यक्तित्व किया गया है। KBUNI द्वारा प्रस्तुत विवरण केन्द्रीय विद्युत प्राधिकरण द्वारा रजिस्टर किए गए हैं।

यह देखा गया है कि मुजफ्फरपुर दीर्घायु स्टेशन-1 इकाई सं. 1 और 2 (2x110 मेगावाट) से उत्पन्न बिजली की आपूर्ति विस्तार दिग्दर्शन वाली NBPDCI और SBPDCI को की जाती थी। RSPDCI (एकमात्र वायावी) के साथ PPA 07.09.2021 को समाप्त हो गया था। इसके बाद, NTPC के निदेशक महान ने 30 दिसंबर 2021 को आयोजित अपनी बैठक में मुजफ्फरपुर दीर्घायु, KBUNI की इकाई सं. 1 और 2 (2x110 मेगावाट) के संभावित को 8 सितंबर 2021 में बंद करने की मंजूरी दे दी है।

मुजफ्फरपुर दीर्घायु इकाई सं. 1 और 2 (2x110 मेगावाट) को संकल्पित करने का निर्णय एनटीपीसी द्वारा तकनीकी-आर्थिक कार्रवाई के आधार पर लिया गया है। उनके निर्णय के आधार पर इन इकाइयों की क्षमता को सीटीए की अतिरिक्त भारतीय संस्थापित क्षमता के स्तरों में इतराया जा रहा है।

भवदीय,
Sd/-
(बी.के. मिश्रा)
सचिव, के.वि.प्रा.

प्रति निम्नलिखित को सूचनाएं :-

- | | | | |
|----|--|----|---|
| 1. | डी.पी.एस., सचिव (विद्युत), विद्युत मंत्रालय | 2. | अध्यक्ष, के.वि.प्रा. के वरिष्ठ महाधन |
| 2. | के.वि.प्रा. के सभी अधिनस्थ कार्यालयों के प्रधान | 3. | के.वि.प्रा. के सभी मुख्य अभियंता |
| 3. | महसब (संज्ञक) एवं विद्युत कार्यालय, जे.एन.पी.सी. | 4. | आई.टी. प्रभाव, के.वि.प्रा. को के.वि.प्रा. की वेबसाइट पर अपलोड करने के लिए |
| 4. | डी.डी.एच.डी. पी.एस., के.वि.प्रा. | 5. | |

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

राष्ट्रीय विद्युत निगम लिमिटेड
 National Power Corporation Limited
 a Subsidiary Company of NTPC Ltd.

दिनांक: 18.11.2017

प्रधान अधिकारी
 कार्यालय, मुजफ्फरपुर

विषय: मुजफ्फरपुर थर्मल पावर स्टेशन का जमीन पर से अतिक्रमण घटाने के साधन में।

संबन्धीत विषय के सको में सूचित करना है कि मुजफ्फरपुर थर्मल पावर स्टेशन का वर्तमान में कोटी जिलाधी कल्याण निगम लि०, (एनटीपीसी लि० एवं बिहार सरकार) का एक समुदाय उपक्रम है। बिहार राज्य विद्युत बोर्ड द्वारा मुजफ्फरपुर थर्मल पावर स्टेशन के एश आईक निर्माण हेतु 200 एकड़ भूमि का अधिग्रहण भूजमा कराना कांटी अंचल कोटी जिला मुजफ्फरपुर में अधिग्रहित किया गया था। इस अधिग्रहित जमीन के लगभग 90 एकड़ भूमि पर एश आईक के तीसरे लेगून का निर्माण कार्य भेसरा कनवर इन्टरप्राइजेज द्वारा किया जा रहा है। इस एश आईक में कोटी थर्मल परियोजना द्वारा निष्काशित राख का निस्तारण किया जाना है। अधिग्रहित भूमि के कुछ भू-खण्ड पर कुछ स्थानीय जमीनदारों द्वारा जमीन रूप से झोपड़ी का निर्माण कर अर्जित भूमि का अतिक्रमण कर लिया गया है, जिसके कारण तीसरे लेगून के निर्माण कार्य में बाधा उत्पन्न हो रही है। उक्त भूमि को खाली करने के लिए कहने पर अतिक्रमणकारियों द्वारा धमकी दी जाती है जिससे किसी भी समय कोई भी अप्रिय घटना घट सकती है।

जापस

21.11.17

आज्ञा

चूंकि निर्माण कार्य एक निश्चित समय सीमा के अन्दर पूरा किया जाना है, अतः श्रीमान से प्रार्थना है कि अवैध रूप से अतिक्रमण भूमि का अतिक्रमण रूखा कराने हेतु उचित कानूनी कार्यवाही की जाये ताकि निर्माण कार्य सुचारु रूप से पूरा किया जा सके।

अतिक्रमणकारियों की सूची भूमि विवरण के साथ संलग्न है।

धन्यवाद !

विद्युत निगम
 (महाप्रबन्धक आलम)
 प्रबंधक (भू-अर्जन)

प्रतिलिपि :

1. जिलाधिकारी, मुजफ्फरपुर को सादर सूचनाएँ एवं आवश्यक निर्देश देना होगा।
2. अनुमण्डल पराधिकारी, पश्चिमी मुजफ्फरपुर को सादर सूचनाएँ एवं आवश्यक निर्देश देना होगा।
3. थाना अध्यक्ष, कोटी को सादर सूचनाएँ एवं आवश्यक कार्यवाही देना होगा।

पते - कोटी थर्मल, जिला - मुजफ्फरपुर-643130 / P.O.-Kani Thamal, Distt - Muzaffarpur-643130 (Bihar) एन/एल टेल/फैक्स: 66225-267310
 कोटी थर्मल कार्यालय : एन टी पी सी बिल्डिंग, कल्याण कॉम्प्लेक्स, 7 इन्टरनैशनल एरिया, एन टी पी सी लिमिटेड-110 003
 Registered Office: NTPC Bhopal, SCOPE Complex 3, Industrial Area, Vardol, Bhopal, New Delhi - 462 002

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

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

(Handwritten Signature)

कौंटी बिजली
KBUN

कौंटी बिजली उत्पादन निगम लि०

(एन.टी.पी.सी. लि०. के. सहायक इकाई)

मुजफ्फरपुर थर्मल पावर स्टेशन, कौंटी

Kanti Bijlee Utpadan Nigam Ltd.

(A Subsidiary of NTPC Ltd.)

Muzaffarpur Thermal Power Station, Kanti

Ref. No. 7070 KBUN/LA 2273

Date:- 07/03/2018

To
SDO (West)
Muzaffarpur, Bihar

Sub:- Deployment of Police force for execution of Job.

Madam/Sir

On our request district administration had removed the encroachment to a great extent on the Ash Dyke Bund of lagoon -II along Kothiya village. However, we are facing resistance from villagers in execution of the job on Ash Dyke Bund along kothiya village. As balance work is required to be carried out for laying of pipe line for re-circulation of ash water from Ash pond, we request help of administration for deployment of police force to provide protection.

As the agency has fully mobilized with man & machinery at site for completion of the balance works along kothiya village. This is a long pending issue and KBUN is facing problem of water discharge. The execution above balance work are urgently required for solving the recurring problem of water discharge.

You are requested to please deploy adequate police force for peaceful execution of said work.

Regards

Yours sincerely

 07/03/18
(Surentra Rajan)

Deputy General Manager (HR)

Mobil no. 9471009462

CC:- DM, Muzaffarpur- for kind information and appropriate direction please.

P.O. Kanti Thermal, Kanti, Dist. Muzaffarpur, Bihar - 845122. TEL: 267119. FAX: 06223 267119
Regd. Office: NTPC Bhawan, N.D.P.E. Complex, Plot No. 1, Sector-24, Noida, U.P. - 201301. In-charge, New Delhi 110043

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

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
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EOC, A-8A, Sector-24, NOIDA-201301



काँटी बिजली उत्पादन निगम लिमिटेड
(एनटीपीसी लिमिटेड की पूर्ण स्वामित्व वाला एक कम्पनी)
Kanti Bijlee Utpadan Nigam Limited
(A Wholly Owned Subsidiary of NTPC Ltd.)

दिनांक - 29/11/2018

पत्रांक - केबीयूएनएल/भू-अर्जन/1283

सेवा में,

अनुमण्डल पदाधिकारी,
पश्चिमी, मुजफ्फरपुर।

विषय - कस्वा काँटी में अवैध झोपड़ी को खाली कराने के संबंध में।

महोदय,

सादर सूचित करना है कि काँटी बिजली उत्पादन निगम लिमिटेड कस्वा काँटी (वार्ड - 12 एवं 13) में अवस्थित ऐश ड्राईक स्टेज - 1 के लेगून - 1 के बाँध पर कुछ लोगों द्वारा अस्थायी झोपड़ी बनाकर अवैध अतिक्रमण किया गया है। अतिक्रमणित भूमि पर AWRS हेतु पाइप लाइन बिछाया जाना प्रस्तावित है। वर्तमान में ऐश ड्राईक में निर्माण कार्य चल रहा है जिसके कारण ऐश ड्राईक के बाँध पर भारी वाहनों का परिचालन मिट्टी दुलाई हेतु हो रहा है। कार्य को ससमय पूरा करने हेतु वाहनों का परिचालन दिन-रात हो रहा है। अतिक्रमणकारियों तथा उनके बच्चे बाँध पर आना-जाना करते रहते हैं जिसके कारण कभी भी अप्रिय घटना हो सकती है।

अतः श्रीमान से अनुरोध है, उचित हस्तक्षेप कर अवैध निर्मित झोपड़ी को खाली कराया जाय ताकि भविष्य में किसी भी तरह के अप्रिय घटना को रोका जा सके।

धन्यवाद,

विश्वासभाजन

बिनय शर्मा

अपर महाप्रबन्धक (मांसं)

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (वाणिज्यिक)
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Add. General Manager (Commercial)
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EOC, A-8A, Sector-24, NOIDA-201301



दिनांक 22/12/2018

कान्ति बिजली उत्पादन निगम लिमिटेड, काँटी के भूखंड में अतिक्रमण हटाने के संबंध में।

कान्ति बिजली उत्पादन निगम लिमिटेड के संबंध में सूचित करना है कि पूर्व में मुजफ्फरपुर खनिज पावर प्रोजेक्ट, काँटी जो वर्तमान में काँटी बिजली उत्पादन निगम लिमिटेड के द्वारा मौला - कम्बल काँटी, जयल - काँटी, जिला - मुजफ्फरपुर में 286.34 एकड़ भूमि का हस्तान्तरण एच डी ई के निमित्त हेतु किया गया है। हस्तान्तरित भूमि के खेसरा संख्या - 9426 के अर्जित रकबा - 0.04 एकड़ से 0.04 एकड़, खेसरा संख्या - 9427 के अर्जित रकबा - 0.47 एकड़ से 0.38 एकड़ तथा खेसरा संख्या - 9438 के अर्जित रकबा 1.47 एकड़ से 0.35 एकड़ भूमि पर चन्द्रशील विद्यापीठ प्रबंधन द्वारा अतिक्रमण कर कौशल विकास मिशन केन्द्र तथा स्कूल की चारदीवारी का निर्माण किया गया है। वर्तमान में हस्तान्तरित भूमि में एच डी ई के लेगून III का निर्माण कार्य तथा लेगून I एवं II में जीर्णोद्धार एवं मरम्मत कार्य किया जा रहा है। भूमि पर अतिक्रमण होने के कारण लेगून III के निर्माण कार्य में बाधा उत्पन्न हो रही है।

के बी यू एन एल द्वारा अतिक्रमित भूमि को खाली करने हेतु चन्द्रशील विद्यापीठ प्रबंधन को पत्रांक - के बी यू एन एल / मजफर / 907, दिनांक - 20.09.2018 के माध्यम से सूचित किया गया था। जिसकी प्रतिलिपि संलग्न है। चन्द्रशील विद्यापीठ प्रबंधन द्वारा अभी तक उक्त भूमि को खाली करने हेतु किसी प्रकार कि कार्यवाई नहीं कि गयी है, और ना ही इस संबंध में के बी यू एन एल को किसी प्रकार कि सूचना दी गयी है।

अतः आपसे अनुरोध किया जाता है की चन्द्रशील विद्यापीठ प्रबंधन को यथा शीघ्र अतिक्रमित भूमि खाली करने हेतु निर्देशित किया जाय ताकि काँटी बिजली उत्पादन निगम लिमिटेड के द्वारा जारी निर्माण कार्य को सुचारु रूप से पूरा किया जा सके।

सधनवाद,

प्रतिलिपि -

- 1. जिला पदाधिकारी, मुजफ्फरपुर को सादर सूचनाार्थ।

संलग्नक - यथोपरि।

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

विश्वासभाजन

(विनय कुमार शर्मा)
अपर महाप्रबन्धक (मानव संसाधन)
अपर महाप्रबन्धक (मानव संसाधन)
Addl. General Manager (HR)
काँटी बिजली उत्पादन निगम लि.
Kanti Bijlee Utpadan Nigam Ltd.
मुजफ्फरपुर / Muzaffarpur

ANNEXURE -2

SPEED POST

B-29016/04/06/PCI-1/ 5401
To

February 05, 2014

The Chairman
All SPCBs/PCCs (as per list enclosed)

SUB: DIRECTIONS UNDER SECTION 18(1)(b) OF THE WATER (PREVENTION & CONTROL OF POLLUTION) ACT, 1974 and THE AIR (PREVENTION & CONTROL OF POLLUTION) ACT, 1981 IN THE MATTER OF POLLUTION CONTROL IN 17 CATEGORY OF HIGHLY POLLUTING INDUSTRIES , CETPs AND COMMON HAZRDOUS WASTE & BIOMEDICAL WASTE INCINERATORS- REGARDING SELF MONITORING OF COMPLIANCE

WHEREAS, under Section 17 of the Water (Prevention & Control of Pollution) Act, 1974, and under Section 17 of the Air (Prevention & Control of Pollution) Act, 1981, one of the function of the State Pollution Control Boards(SPCBs)/Pollution Control Committees(PCCs) is to plan a comprehensive programme for the prevention, control or abatement of pollution of streams, wells and air pollution in the State/Union territory and to secure the execution thereof; and

WHEREAS, under section 16 of the Water (Prevention and Control of Pollution) Act, 1974 and under Section 16 of the Air (Prevention & Control of Pollution) Act, 1981, one of the functions of the Central Pollution Control Board (CPCB), constituted under Water (Prevention and Control of Pollution) Act, 1974 is to coordinate activities of the State Pollution Control Boards and Pollution Control Committees and to provide technical assistance and guidance to SPCBs / PCCs; and

WHEREAS, the SPCBs and PCCs are empowered to stipulate standards for discharge of environmental pollutants for various categories of industries and common effluent treatment plants (CETPs) , Common Hazardous waste and Biomedical waste incinerators even more stringent than those notified by the Central Government, under the Environmental (Protection) Act, 1986 and rules framed there under; and



प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI Page 1 of 5
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, NOIDA-201301

WHEREAS, Pharmaceuticals, Chlor Alkali, Fertilizers, Oil Refinery, Dye and dye intermediate, Pesticides, Petrochemical, Large Power plants, Cement, Aluminium, Zinc, Copper, Iron & steel, Large Pulp & paper, Distillery, Sugar and Tannery Industries located in States/UTs have been discharging environmental pollutants directly or indirectly into the ambient air and water, which pose constant threat to cause adverse effect on the water and air quality ; and

WHEREAS, Common Hazardous waste and Biomedical waste incinerators and Common Effluent Treatment Plants(CETPs) located in States/UTs have been discharging environmental pollutants directly or indirectly into the ambient air and water; and

WHEREAS, the SPCBs and PCCs are also required to ensure installation and regular operation of the requisite pollution control facilities in the polluting industries; and


WHEREAS, there is need to inculcate habit of self monitoring mechanism within the industries for complying the prescribed standards and this can be achieved by the methods like installing online effluent and emission monitoring devices; and

WHEREAS, number of industries (as per list) under 17 category (Annexure-I) which are operating in the state/UT have been identified can be suitably directed for installation and commissioning of online monitoring systems (emission and or effluent); and

WHEREAS, number of Common Hazardous waste and Biomedical waste incinerators and CETPs operating in the state/UT (as per list) can also be considered for installation and commissioning of online monitoring systems (emission and or effluent);and

WHEREAS, for strengthening the monitoring and compliance through self regulatory mechanism ,online source and effluent monitoring systems need to be

Page 2 of 5


प्रशान्त चतुर्वेदी PRASHANT CHATURVEDI
आर.पी. नगर, नया दिल्ली (दिल्ली)
Add: G-10, Sector-24, NOIDA-201301
एन.पी. नगर, नया दिल्ली (दिल्ली)
EOC, A-5A, Sector-24, NOIDA-201301

installed and operated by the developers and the industries on 'polluter pays principle' ;and

WHEREAS, some of the SPCBs have already given specific conditions in consent to operate of 17 categories of highly polluting industries/ and Common Hazardous waste and Biomedical waste incinerators to install continuous emission and effluent monitoring systems; and

WHEREAS, it is envisaged in "National Environment Policy- 2006" that to strengthen the testing infrastructure and network for monitoring ambient environmental quality and progressively ensure real-time, and online availability of the monitoring data; and


WHEREAS, CPCB had earlier issued letter dated January 12,2011 to SPCBs /PCCs to direct all the 17 categories of highly polluting industries to install automatic air and water quality stations to monitor the ambient quality; and

WHEREAS ,it is becoming a need and necessity to regulate and minimize inspection of industries on routine basis and instead efforts need to be made to bring self discipline in the industries to exercise self monitoring & compliance and transmit data of effluent and emission compliance to SPCBs/PCCs and to CPCB on continuous basis; and

WHEREAS, there could be some time needed for getting such devices standardised and requiring confidence on data generated but needless to emphasize that efforts towards setting up to continuous monitoring devices is essential; and

WHEREAS, the ground truthing of the values indicated by the online devices need to be done before bringing them in public domain for proper interpretation and such measures need to be taken at the level of SPCBs/PCCs .And whereas for regulatory purposes and for purposes of actions to be taken against non complying industries /facilities, the existing methods of sampling,

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प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (वाणिज्यिक)
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EOC, A-8A, Sector-24, NOIDA-201301

analysis and related procedures under the existing statutes need to be continued; and

WHEREAS, SPCBs and PCCS have prescribed standards for various parameters as per the notified standards under Environment(Protection) Act,1986 and the State Boards may refer to the parameters which should be monitored by installing continuous effluent and emission monitoring devices(Annexure -II);and

Whereas, continuous effluent and emission monitoring devices can be installed in those industries which are continuously letting out effluents and emissions out of their premises: and

Now, therefore, in exercise of the powers conferred under Section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974, and 18 (1) (b) of the Air (Prevention & Control of Pollution) Act, 1981 and keeping in view strengthening of the monitoring mechanism for effective compliance through self regulatory mechanism,you are directed to issue the following directions to all the industries under 17 categories of highly polluting industries, and CETPs, Common Hazardous waste and Biomedical waste incinerators:

- a. To Install online continuous Stack Emission Monitoring Systems (CSEMS) in 17 categories of highly polluting industries and in Common Hazardous waste and Biomedical waste incinerators for the parameters(industry/sector specific parameter) mentioned in the consent to operate/authorisation not later than by March 31,2015;
- b. To install online effluent quality monitoring system at the outlet of effluent treatment plants of the 17 category industries and in CETPs for the measurement of the parameters(industry/sector specific parameter) like flow, pH, COD, BOD, TSS and for other consented parameters as per the guidelines provided; not later than by March 31, 2015;
- c. To connect and upload the online emission and effluent monitoring data at SPCBs/PCCs and CPCB server in a time bound manner but not later than by March 31,2015;



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प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
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EOC, A-8A, Sector-24, NOIDA-201301

- d. To ensure regular maintenance and operation of the online system with temper proof mechanism having facilities for online calibration;
- e. To submit bank guarantee of 25 % of the cost of online monitoring systems (emission and effluent whichever applicable) for ensuring timely installation of online monitoring systems within 90 days from the date of receipt of directions issued by SPCBs/PCCs to the industries;

The SPCB shall install the necessary software and hardware in their headquarter for centralized data collection, analysis and corrective action .The action taken report along with time bound action plan for each industry under the 17 category of industry and CETPs, Common Hazardous waste and Biomedical waste incinerators for installation of online monitoring systems (emission and or effluent) shall be submitted to the Central Pollution Control Board within 120 days from the date of receipt of these directions.

(Susheel Kumar)
Chairman

Copy to:

1. The Advisor(CP Division)
Ministry of Environment & Forests
Paryavaran Bhawan
CGO Complex, Lodi Road
New Delhi - 110 003
2. I/C PCI-I,II,III and HWMD
3. All Zonal Officer ,CPCB
4. ✓ I/c IT Division, CPCB
5. I/c. ESS, CPCB


(Susheel Kumar)



प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (वाणिज्यिक) Page 5 of 5
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, NOIDA-201301

State/UT wise List of CETP/ Common Hazardous Waste and Bio medical Waste Incinerators

| S. No. | State/ UT | CETP * | Common Hazardous Waste incinerator | Bio medical waste incinerator | Total * |
|--------|--------------------------------------|------------|------------------------------------|-------------------------------|------------|
| 1. | Andhra Pradesh | 6 | 2 | 15 | 23 |
| 2. | Assam | - | - | 5 | 5 |
| 3. | Bihar | - | - | 2 | 2 |
| 4. | Chandigarh | - | - | 1 | 1 |
| 5. | Chhattisgarh | - | - | 6 | 6 |
| 6. | Daman & Diu and Dadra & Nagar Haveli | - | 1 | 1 | 2 |
| 7. | Delhi | 13 | - | 3 | 16 |
| 8. | Gujarat | 27 | 5 | 13 | 45 |
| 9. | Haryana | 13 | 1 | 7 | 21 |
| 10. | Himachal Pradesh | - | - | 2 | 2 |
| 11. | J&K | 1 | - | 2 | 3 |
| 12. | Jharkhand | - | - | 1 | 1 |
| 13. | Karnataka | 9 | 5 | 15 | 29 |
| 14. | Kerala | 3 | - | 1 | 4 |
| 15. | Madhya Pradesh | 1 | 1 | 15 | 17 |
| 16. | Maharashtra | 27 | 3 | 34 | 64 |
| 17. | Meghalaya | - | - | 1 | 1 |
| 18. | Odisha | - | - | 6 | 6 |
| 19. | Puducherry | - | - | 1 | 1 |
| 20. | Punjab | 4 | - | 4 | 8 |
| 21. | Rajasthan | 14 | 1 | 12 | 27 |
| 22. | Tamilnadu | 49 | 1 | 10 | 60 |
| 23. | Tripura | - | - | 1 | 1 |
| 24. | Uttarakhand | 3 | 1 | 1 | 5 |
| 25. | Uttar Pradesh | 4 | 3 | 13 | 20 |
| 26. | West Bengal | 1 | 1 | 7 | 9 |
| | Total | 175 | 25 | 179 | 379 |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
 अतिरिक्त महाप्रबंधक (व्यापारिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड/NTPC LIMITED
 EOC, A-8A, Sector-24, Noida-201301

Annexure-II

| Sl No | Category | Effluent Parameters | Emission Parameters |
|-------|--------------------------|----------------------------|---|
| 1. | Aluminium | pH, BOD, COD, TSS | PM, Fluoride |
| 2. | Cement | pH, BOD, COD, TSS | PM, NO _x , SO ₂ |
| 3. | Distillery | pH, BOD, COD, TSS | PM |
| 4. | Dye and dye intermediate | pH, BOD, COD, TSS, Cr | - |
| 5. | Chlor Alkali | pH, BOD, COD, TSS | Cl ₂ , HCl |
| 6. | Fertilizers | pH, BOD, COD, TSS, Ammonia | PM, Fluoride, Ammonia |
| 7. | Iron & steel | pH, BOD, COD, TSS | PM, SO ₂ |
| 8. | Oil refinery | pH, BOD, COD, TSS | PM, CO, NO _x , SO ₂ |
| 9. | Petrochemical | pH, BOD, COD, TSS | PM, CO, NO _x , SO ₂ , |
| 10. | Pesticides | pH, BOD, COD, TSS, Cr, As | - |
| 11. | Pharmaceuticals | pH, BOD, COD, TSS, Cr, As | - |
| 12. | Power Plants | pH, BOD, COD, TSS | PM, NO _x , SO ₂ |
| 13. | Pulp & paper | pH, BOD, COD, TSS, AOx | - |
| 14. | Sugar | pH, BOD, COD, TSS | - |
| 15. | Tannery | pH, BOD, COD, TSS | - |
| 16. | Zinc | pH, BOD, COD, TSS | PM SO ₂ |
| 17. | Copper | pH, BOD, COD, TSS | PM SO ₂ |

Q



प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
 अपर महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड / NTPC LIMITED Page 1 of 1
 EOC, A-BA, Sector-24, NOIDA-201301

List of SPCBs/ PCCs

| Sl. No. | State/ UT |
|---------|---|
| 1. | The Chairman A.P. Pollution Control Board Paryavaran Bhawan Industrial Estate, Sanath Nagar Hyderabad – 500 038 |
| 2. | The Chairman Arunachal Pradesh Pollution Control Board Office of Principal Chief Conservator of Forests and Secretary (E & F) Govt. of Arunachal Pradesh Itanagar – 791 111 |
| 3. | The Chairman Assam State Pollution Control Board Bamunimaldan Guwahati – 781 021 |
| 4. | The Chairman Bihar State Pollution Control Board IInd Floor, Beltron Bhawan Jawaharlal Nehru Marg Shastri Nagar, Patna – 800 023 |
| 5. | The Chairman Chandigarh Pollution Control Committee Additional Town Hall Bldg. 2 nd Floor, Sector 17-C Chandigarh – 110 017 |
| 6. | The Chairman Chattisgarh State Env. Conservation Board Nanak Niwas, Civil Lines Raipur, Chattisgarh – 492 001 |
| 7. | The Chairman Daman, Diu, Dadra & Nagar Haveli Pollution Control Committee Office of the Dy. Conservator of Forests Moti Daman, Daman – 396 220 |
| 8. | The Chairman Delhi Pollution Control Committee 6th level, B-wing, Delhi Secretariat IP Estate, New Delhi – 110 002 |
| 9. | The Chairman Goa State Pollution Control Board Dempo Tower, 1 st Floor Patto Plaza, Panaji Goa – 403 001 |
| 10. | The Chairman Gujarat State Pollution Control Board Sector 10-A Gandhi Nagar – 382 043 |

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
आप: महाप्रबन्धक (पर्यावरण)
Addl. General Manager (Environment)
(एन टी पी) वी. ई. सिटी, नई दिल्ली-110002
EOC, A-6A, Sector-24, NOIDA-201301

| | |
|-----|--|
| 11. | The Chairman Haryana State Pollution Control Board C-11, Sector – 6 Panchkula, Haryana |
| 12. | The Chairman H.P. State Environment Protection and Pollution Control Board Paryavaran Bhawan Phase-III, Below BCS New Simla – 171 009 |
| 13. | The Chairman J & K State Pollution Control Board Super Bazar Building, 3 rd Floor, City Chowk Jammu |
| 14. | The Chairman Jharkhand Pollution Control Board TA Building, HEC Campus At + P.O. – Dhurba Ranchi |
| 15. | The Chairman Karnataka State Pollution Control Board 6, 7, 8 & 9 th Floors Public Utility Building, MG Marg Bangalore – 560 001 |
| 16. | The Chairman Kerala State Pollution Control Board Plamoodu Junction Pattam Palace P.O. Thiruvananthapuram – 695 004 |
| 17. | The Chairman M.P. State Pollution Control Board Paryavaran Parisar E-5, Arera Colony Bhopal – 462 016 |
| 18. | The Chairman Maharashtra State Pollution Control Board Kalpataru Point, 3 rd & 4 th floors Sion Matunga Scheme, Road No. 8 Opp. Cine Planet, Sion Circle, Sion (E) Mumbai – 400 022 |
| 19. | The Chairman Meghalaya State Pollution Control Board Arden, Lumbyngngad Shillong – 793 014 |
| 20. | The Chairman Mizoram State Pollution Control Board M.G. Road, Khatna Aizwal |
| 21. | The Chairman Orissa State Pollution Control Board |



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

| | |
|-----|---|
| | A-118, Nilkanta Nagar, Unit – VIII Bhubaneswar – 751 012 |
| 22. | The Chairman Pondicherry Pollution Control Committee Department of Science Technology & Environment Housing Board Complex 3 rd Floor, Anna Nagar Pondicherry – 600 005 |
| 23. | The Chairman Punjab State Pollution Control Board Vatavaran Bhawan, Nabha Road Patiala – 147 001 |
| 24. | The Chairman Rajasthan State Pollution Control Board A-4, Jalane Dungri Institutional Area Jaipur – 302 004 |
| 25. | The Chairman Sikkim State Pollution Control Board State Land Use & Environment Cell Govt. of Sikkim, Deorali Gangtok, Sikkim |
| 26. | The Chairman Tamilnadu State Pollution Control Board No. 100, Anna Salai Guindy, Chennai – 600 032 |
| 27. | The Chairman Tripura State Pollution Control Board Vigyan Bhawan, Pt. Nehru Complex Gorkhabasti P.O., Kunjaban Agartala (W) – 799 006 |
| 28. | The Chairman Uttarakhand Environment Protection & Pollution Control Board 29/20, Nemi Road, Dehradun, Uttarakhand" Pincode- 24800 |
| 29. | The Chairman U.P. State Pollution Control Board 3 rd Floor, PICUP Bhawan Vibhuti Khand, Gomti Nagar Lucknow – 226 020 |
| 30. | The Chairman West Bengal State Pollution Control Board Paribesh Bhawan 10A, Block LA, Sector 3, Salt Lake City Kolkata – 700 091 |



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



BIHAR STATE POLLUTION CONTROL BOARD

PARIVESH BHAWAN, PLOT NO. NS-B/2, PALIPUTRA INDUSTRIAL AREA,

PALIPUTRA, Patna - 800 010

Ref. No. - P/T-3.630/85/ 4276

Patna, Dated- 03/12/18

DISCHARGE CONSENT ORDER

With reference to the online application no-OR523N009822/1820858 dated 30.10.2018 of M/s Kanti Bijlee Utpadan Nigam Ltd, At-Kanti & P.O.-Kanti Thermal, District- Muzaffarpur-843130 for consent under sections 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, he/they is/are granted consent to operate his/their power plant (Stage-I, 110x2=220 MW) at Kanti, P.O.-Kanti Thermal, District- Muzaffarpur for the period up to 31.03.2023 with the following conditions:-

- 1 That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 24, 31 and 33A of the Water (Prevention & Control of Pollution) Act, 1974 and further shall extend co-operation to the Board in performing its functions entrusted under sections 20,21,23,30 and 32 of the Act;
- 2 That, he/they shall comply with the requirements of rule 14 of the Environment (Protection) Rules, 1986; provisions (whichever applicable) of the Hazardous And Other Wastes (Management and Transboundary Movement), Rules 2016, rules 4,5,7,8,10,11,12,13,15 and 18 of the Manufacture, Storage and Import of Hazardous Chemical Rules,1989; and the provisions of the Public Liability Insurance Act,1991, whichever is applicable;
- 3 That, he/they shall monitor his/their effluent(s) regularly and maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for,
- 4 That, he/they shall submit application for consent again 30 days before the expiration of the period of consent or within 30 days from the date of receipt of this order, whichever is applicable;
- 5 That, they shall comply with the directions issued by CPCB & BSPCB from time-to-time for a thermal power project,
- 6 That, online effluent quality monitoring system should be functional with sharing of data to CPCB server;
- 7 That, they shall submit progress report of construction of STP after every three months;
- 8 That, Lagoons of ash water disposal system should be adequate as required, functional and maintained;
- 9 That, wet ash disposal system should be always & fully functional as well as ash dyke should be look-after so that it should not be breached. It should be maintained so that there is no discharge of ash slurry to channel;
- 10 That, they shall make effort to maintain no effluent discharged from unit to outside the plant premises and adopt Zero Liquid Discharge. Water consumption shall be reduced by adopting 3 R's (reduce, reuse and recycle) concept in the process. If there is any discharge, its quality should conform to the prescribed standard and submit analysis report to the Board on quarterly basis;
- 11 That, the ETP shall be operative & maintained properly with log book and treated effluent shall be re-used in different purposes inside the unit;
- 12 That, they shall comply with provisions (whichever applicable) of the Fly Ash Utilization Notification, 1999 as amended till date and submit compliance report (Annual report etc) accordingly; and
- 13 That, the Environmental Statement as prescribed in the E (P) Rules, 1986 [see rule 14] for the each financial year ending the 31st March, shall be submitted by the month of September every year.

To
Chief Executive Officer,
M/s Kanti Bijlee Utpadan Nigam Ltd,
At-Kanti & P.O.-Kanti Thermal,
District- Muzaffarpur-843130.

(Alok Kumar)
Member-Secretary

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



BIHAR STATE POLLUTION CONTROL BOARD
PARIVESH BHAWAN, PLOT NO. NS-B/2, PALIPUTRA INDUSTRIAL AREA,
PATLIPUTRA, Patna – 800 010

Ref. No.- P/T-3-630/85/ 4115

Patna, Dated- 03.12.18

EMISSION CONSENT ORDER

With reference to the online application no- OR523N009822/1820858 dated 30.10.2018 of M/s Kanti Bijlee Utpadan Nigam Ltd, At-Kanti & P.O.-Kanti Thermal, District- Muzaffarpur-843130 for consent under sections 21 of the Air (Prevention & Control of Pollution) Act, 1981, he/they is/are granted consent to operate his/their power plant (Stage-I, 110x2=220 MW) at Kanti, P.O.-Kanti Thermal, District- Muzaffarpur for the period up to 31.03.2023 with the following conditions:-

- 1 That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 22, 23 and 31A of the Air (Prevention & Control of Pollution) Act, 1981 and further shall extend co-operation to the Board in performing its functions entrusted under sections 24, 25 and 26 of the Act;
- 2 That, he/they shall comply with the requirements of rule 14 of the Environment (Protection) Rules, 1986, provisions (whichever applicable) of the Hazardous And Other Wastes (Management and Transboundary Movement), Rules 2016; rules 4, 5, 7, 8, 10, 11, 12, 13, 15, 17 and 18 of the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989; and the provisions of the Public Liability Insurance Act, 1991, whichever is applicable;
- 3 That, he/they shall monitor his/their emission(s) and the ambient air quality from representative point regularly and shall maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;
- 4 That, he/they shall submit application for consent again 30 days before the expiration of the period of consent or within 30 days from the date of receipt of this order, whichever is applicable;
- 5 That, they shall comply with the directions issued by CPCB & BSPCB from time-to-time for a thermal power project;
- 6 That, online stack monitoring and AAQM (4 location) system should be functional with sharing of data to CPCB server;
- 7 That, they shall comply with provisions (whichever applicable) of the Fly Ash Utilization Notification, 1999 as amended till date and submit compliance report (Annual report etc) accordingly;
- 8 That, they shall comply with directions of CPCB vide ref. no-379 dated 06.04.2018 as regarding retrofitting & installation of FGD by December 31, 2020 so as to comply with PM & SO₂ emission limit; to take immediate measures for installation of low NO_x burners, providing Over Fire Air (OFA) etc and achieve progressive reduction so as to comply NO_x emission limit by 31.12.2020;
- 9 That, the unit shall maintain Ambient Air Quality (AAQ) including noise and monitoring report shall be submitted to the Board on half yearly basis;
- 10 That, good house-keeping shall be maintained;
- 11 That, solid waste shall be managed properly;
- 12 That the Environmental Statement as prescribed in the E (P) Rules, 1986 [see rule 14] for the each financial year ending the 31st March, shall be submitted by the month of September every year; and
- 13 That, tree plantation in perimeter of the campus shall be done and maintained to develop as green belt as undertaken vide ref dated 14.09.2018

To

Chief Executive Officer,
 M/s Kanti Bijlee Utpadan Nigam Ltd,
 At-Kanti & P.O.-Kanti Thermal,
 District- Muzaffarpur-843130.

(Atul Kumar)
 Member-Secretary

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

| Reconciliation of R&M works as on COD and thereafter (MTPS-I) | | | | | | | | | | | | | |
|--|------------|------------|------------|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| COD Date | Unit 1 | Unit 2 | Unit 2 | | | | | | | | | | |
| Recommissioning Date | 01.11.2013 | 15.10.2016 | 14.11.2014 | | | | | | | | | | |
| | | | | | | | | | | | | | (Amount Rs. Lakhs) |
| Expenditure on Gross Basis upto 07.09.2021 | Unit 1 | Unit 2 | Unit 2 | Stage-I(As a whole as on 15.11.2014) | As at 31.03.2015 | As at 31.03.2016 | As at 31.03.2017 | As at 31.03.2018 | As at 31.03.2019 | As at 31.03.2020 | As at 31.03.2021 | As at 07.09.2021 | |
| Capex on R&M upto COD date(excl. Transfer Cost of Existing Assets) | 28736.42 | 11510.73 | | 39747.15 | 39747.15 | 39747.15 | 39747.15 | 39747.15 | 39747.15 | 39747.15 | 39747.15 | 39747.15 | 39747.15 |
| Add Cap 2010-11(15.10.2010-31.03.2011) | | 13.64 | | 13.64 | 13.64 | 13.64 | 13.64 | 13.64 | 13.64 | 13.64 | 13.64 | 13.64 | 13.64 |
| Add Cap 2011-12 | | 40.74 | | 40.74 | 40.74 | 40.74 | 40.74 | 40.74 | 40.74 | 40.74 | 40.74 | 40.74 | 40.74 |
| Add Cap 2012-13 | | 13.89 | | 13.89 | 13.89 | 13.89 | 13.89 | 13.89 | 13.89 | 13.89 | 13.89 | 13.89 | 13.89 |
| Add Cap 2013-14 | | 84.31 | | 84.31 | 84.31 | 84.31 | 84.31 | 84.31 | 84.31 | 84.31 | 84.31 | 84.31 | 84.31 |
| Add Cap 14-15(upto 14.11.2014) | 1250.59 | 62.88 | | 1313.47 | 1313.47 | 1313.47 | 1313.47 | 1313.47 | 1313.47 | 1313.47 | 1313.47 | 1313.47 | 1313.47 |
| Capex on Recommissioning date of Unit 2 | | | 17234.16 | 17234.16 | 17234.16 | 17234.16 | 17234.16 | 17234.16 | 17234.16 | 17234.16 | 17234.16 | 17234.16 | 17234.16 |
| Add Cap 2015-16 # | | | | 0 | 5.79 | 5.79 | 5.79 | 5.79 | 5.79 | 5.79 | 5.79 | 5.79 | 5.79 |
| Add Cap 2016-17* | | | | | 69.34 | 69.34 | 69.34 | 69.34 | 69.34 | 69.34 | 69.34 | 69.34 | 69.34 |
| Add Cap 2017-18* | | | | | | | 207.70 | 207.70 | 207.70 | 207.70 | 207.70 | 207.70 | 207.70 |
| Add Cap 2018-19* | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Add Cap 2019-20** | | | | | | | | | 2231.18 | 2231.18 | 2231.18 | 2231.18 | 2231.18 |
| Add Cap 2020-21** | | | | | | | | | | 179.87 | 179.87 | 179.87 | 179.87 |
| Add Cap 2021-22 (upto 07.09.2021)** | | | | | | | | | | | 46.95 | 46.95 | 46.95 |
| Expenditure on R&M (a) | 29487.01 | 11726.29 | 17234.16 | 58447.36 | 58453.15 | 58522.40 | 58730.19 | 58730.19 | 60961.37 | 61141.24 | 61188.20 | 61188.20 | 61188.20 |
| Ind-Its Adjustment (Capital Gains) | | | | | | | | | | | | | |
| Other Works | | | | | | | 44.29 | 44.29 | 44.29 | 44.29 | 44.29 | 44.29 | 44.29 |
| Add Cap 2015-16 | | | | | | | 729.13 | 729.13 | 729.13 | 729.13 | 729.13 | 729.13 | 729.13 |
| Add Cap 2016-17 | | | | | | | 656.6 | 656.6 | 656.6 | 656.6 | 656.6 | 656.6 | 656.6 |
| Add Cap 2017-18 | | | | | | | | 501.41 | 501.41 | 501.41 | 501.41 | 501.41 | 501.41 |
| Add Cap 2018-19 | | | | | | | | | 1163.52 | 1163.52 | 1163.52 | 1163.52 | 1163.52 |
| Add Cap 2019-20 | | | | | | | | | | 3218.28 | 3218.28 | 3218.28 | 3218.28 |
| Add Cap 2020-21 | | | | | | | | | | | 463.08 | 463.08 | 463.08 |
| Add Cap 2021-22 (upto 07.09.2021) | | | | | | | | | | | | 0 | 0 |
| Transfer Cost of Existing Assets (b) | 1854.58 | 6201.25 | | | 7856.83 | 7856.83 | 7856.83 | 7856.83 | 7856.83 | 7856.83 | 7856.83 | 7856.83 | 7856.83 |
| Total Gross Block as at end of Financial Years 5 | 31541.59 | 17928.44 | 17234.16 | 58447.36 | 66309.98 | 67368.45 | 68617.04 | 68518.45 | 71911.15 | 75311.30 | 75821.34 | 75821.34 | 75821.34 |

As per Form 9A of add cap Petition dated 25.10.2017

* As per Form 9A of True-up Petition 254G/2021

** As per Form 9A of Instant Petition 2019-22

\$ As per Form 9E/ L of respective petitions.



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

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
(Erstwhile M/s Kanti Bijlee Utpadan Nigam Limited)

Gross Block reconciliation as on 07.09.2021 23:59 Hrs

| SI No. | Particulars | (Amount in ₹) | | |
|--------|--|----------------|-----------------|-------------------|
| | | Stage I | Stage II | Total Gross Block |
| 1 | Gross Block as per Audited IND AS Balance sheet as on date of Stage-I Closure | 6,40,11,52,105 | 39,45,64,22,512 | 45,85,75,74,618 |
| 2.1 | Add : Accumulated Depreciation as on 01.04.2015 | 1,22,13,76,411 | 2,57,89,470 | 1,24,71,65,881 |
| 2.2 | Less: Capital Spares capitalised out of Inventory sys cir 126 | -44,27,764 | | -44,27,764 |
| 2.3 | Add : Gross Block adjustment with regard to Accum Depreciation for decapitalization done from 01.04.2015 upto the date of Closure (if any) | 5,62,432 | -18,85,887 | -13,23,455 |
| 2.4 | Add: Accumulated Depreciation Adjustment in line with System Circular 148/2016 | - | | |
| 2 | Total | 1,21,75,11,079 | 2,39,03,583 | 1,24,14,14,663 |
| 3 | Add : Vendor Discounting of Capitalized assets from 01.04.2015 to the date of Closure | 25,30,844 | 2,32,50,994 | 2,57,81,838 |
| 4 | Less: Unwinding expenses capitalized as IDC from 01.04.2015 to the date of Closure (appearing in GB as on Closure) | - | -12,69,69,999 | -12,69,69,999 |
| 5 | Add/Less : Any other adjustment in PPE due to IND AS Implementation | -3,90,59,914 | -12,28,22,587 | -16,18,82,500 |
| 6 | Unamortized Finance Charges | - | | |
| 7 | Gross Block as per IGAAP As on date of Stage-I Closure i.e. 07.9.21 (1+2+3-4+5+6) | 7,58,21,34,115 | 39,25,37,84,504 | 46,83,59,18,619 |

For & on behalf of M/s S D AND ASSOCIATES

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

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)**(Erstwhile M/s Kanti Bijlee Utpadan Nigam Limited)****Summary of Stage-wise Gross Block as on 07.09.2021 23:59 Hrs****(Amount in ₹)**

| As on Closure date | Stage-I | Stage-II | Total |
|--|-----------------------|------------------------|------------------------|
| GB as per audited BS as on date of Stage-I Closure as per IND AS | 6,40,11,52,105 | 39,45,64,22,512 | 45,85,75,74,618 |
| IND AS Adjustments | 1,18,09,82,010 | -20,26,38,008 | 97,83,44,002 |
| GB as per IGAAP | 7,58,21,34,115 | 39,25,37,84,504 | 46,83,59,18,619 |
| Pending Liabilities against the GB | 35,33,55,683 | 91,17,62,436 | 1,26,51,18,119 |
| Net Cash BS As on date of Stage-I Closure as per IGAAP | 7,22,87,78,432 | 38,34,20,22,068 | 45,57,08,00,500 |

For & on behalf of M/s S D AND ASSOCIATES**Durga
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प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED
EOC, A-8A, Sector-24, NOIDA-201301

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
(Erstwhile M/s Kanti Bijlee Utpadan Nigam Limited)

Summary of Stage Wise CWIP as on 07.09.2021 23:59 Hrs

| | | | | | (Amount in ₹) |
|-----|------------------|---|-----------|----------------|----------------|
| SL | | As on date of Stage-I Closure | Stage I | Stage II | Total CWIP |
| 1 | | CWIP as per Audited IND AS Balance Sheet As on date of Stage-I Closure | 24,73,406 | 4,68,07,98,055 | 4,68,32,71,462 |
| 2.1 | IND AS ADJ | Add: Vendor Discounting of capex Liab. pertaining to CWIP as on Stage-I Closure | - | 10,18,00,497 | 10,18,00,497 |
| 2.2 | | Less: Unwinding expenses booked as IDC pertaining to CWIP as on Stage-I Closure | - | 4,70,74,869 | 4,70,74,869 |
| 2.3 | | Add/Less: Any other Adj in PPE due to IND AS implementation | - | - | - |
| 3 | | CWIP as per IGAAP As on date of Stage-I Closure | 24,73,406 | 4,73,55,23,683 | 4,73,79,97,090 |

For & on behalf of M/s S D AND ASSOCIATES

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

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
(Erstwhile M/s Kanti Bijlee Utpadan Nigam Limited)

CWIP reconciliation as on 07.09.2021 23:59 Hrs

(Amount in ₹)

| SL | | Particular | Stage I | Stage II | Total CWIP |
|-----|-----|--|------------------|-----------------------|-----------------------|
| 1 | | CWIP as per Audited IND AS Balance Sheet as on date of Stage-I Closure | 24,73,406 | 4,68,07,98,055 | 4,68,32,71,462 |
| 2.1 | IND | Add-IND AS Adjustments | - | 5,47,25,628 | 5,47,25,628 |
| 2.2 | AS | CWIP as per IGAAP | 24,73,406 | 4,73,55,23,683 | 4,73,79,97,090 |
| 2.3 | ADJ | Less : Pending Liabilities against the CWIP | 2,10,000 | 50,70,14,212 | 50,72,24,212 |
| 3 | | Net Cash BS As on date of Stage-I Closure as per IGAAP | 22,63,406 | 4,22,85,09,471 | 4,23,07,72,878 |

For & on behalf of M/s S D AND ASSOCIATES

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(Head of Finance)



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

Non-Tariff Income to be shared with Beneficiaries for the
FY 2019-20

| | Amount in Rs |
|-----------------------------------|--------------|
| Net Non-Tariff Income for Sharing | 52,10,496.00 |
| Income to be Shared 50% | 26,05,298.00 |

For KVVNL Management

For A.R. Sureka & Co.
Chartered Accountants


Rajeev Bhattacharya
Chief Financial Officer

Neeraj Sureka

Neeraj Kumar Sureka

Partner

Membership No.: 0055770

Firm Reg. No.: 0000960C

UDIN: 20056120AANARW119

Date: 24/12/2020




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

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
(Erstwhile M/s Kanti Bijlee Utpadan Nigam Limited)

Non Tariff Income to be shared with Beneficiary for the period 01.04.2021 to 07.09.2021

(Amount in ₹)

| SN | Station Name | Net Non-Tariff Income to be considered for sharing | Non-tariff Income to be shared (50%) |
|----|--|--|--------------------------------------|
| 1 | Muzaffarpur Thermal Power Station (Kanti Bijlee) Stage-1 | 46,88,731.00 | 23,44,365.50 |
| 2 | Muzaffarpur Thermal Power Station (Kanti Bijlee) Stage-2 | 83,11,841.00 | 41,55,920.50 |
| | | | |
| | TOTAL | 1,30,00,572.00 | 65,00,286.00 |

For & on behalf of M/s S D AND ASSOCIATES

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Shankar**

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(Head of Finance)


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

BS (FY 19-20)


Kamti Brijee Ujwalan Nigam Limited
 Regd. Office: NTPC Bhawan, Scope Complex, 7, Institutional Area, Lodhi Road, New Delhi-110003

BALANCE SHEET

| Particulars | Note No. | ₹ Lakhs | |
|--|----------|------------------------|------------------------|
| | | As at 31 March 2020 | As at 31 March 2019 |
| ASSETS | | | |
| Non-current assets | | | |
| Property, plant and equipment | 7 | 3,09,470.30 | 3,83,559.24 |
| Capital work-in-progress | 8 | 40,783.69 | 40,435.89 |
| Intangible assets | 9 | 56.81 | 66.75 |
| Other non-current assets | 10 | 19,290.94 | 1,964.11 |
| Total non-current assets | | 4,30,410.94 | 4,71,070.99 |
| Current assets | | | |
| Inventory | 11 | 7,483.96 | 8,710.63 |
| Financial Assets | | | |
| Trade Receivables | 12 | 71,451.04 | 58,094.09 |
| Cash and cash equivalents | 13 | 7,677.60 | 947.21 |
| Bank balances other than cash and cash equivalents | 14 | 193.10 | 1,807.04 |
| Other financial assets | 15 | 12,820.55 | 1,23,511.00 |
| Other current assets | 16 | 3,639.40 | 1,855.11 |
| Total current assets | | 1,03,165.47 | 1,06,756.93 |
| TOTAL ASSETS | | 5,23,576.10 | 5,77,827.92 |
| EQUITY AND LIABILITIES | | | |
| Equity | | | |
| Equity share capital | 17 | 1,56,067.37 | 1,51,067.37 |
| Other equity | 18 | 53.18 | (15,275.12) |
| Total equity | | 1,56,100.55 | 1,35,792.25 |
| Liabilities | | | |
| Non-current liabilities | | | |
| Financial liabilities | | | |
| Debtors | 19 | 2,14,684.09 | 2,70,365.51 |
| Other financial liabilities | 20 | 1,697.45 | 1,218.27 |
| Provisions | 21 | 31.56 | 51.56 |
| Other non-current liabilities (net) | 22 | - | - |
| Total non-current liabilities | | 2,16,413.09 | 2,71,645.34 |
| Current liabilities | | | |
| Financial liabilities | | | |
| Borrowing | 23 | 48,982.87 | 40,163.01 |
| Trade payables | 24 | - | - |
| Total outstanding dues of micro and small enterprises | | 605.45 | 103.00 |
| Total outstanding dues of creditors other than micro and small enterprises | | 16,483.48 | 16,417.90 |
| Other financial liabilities | 25 | 67,979.24 | 50,020.54 |
| Other current liabilities | 26 | 461.73 | 344.21 |
| Provisions | 27 | 1,552.63 | 1,370.02 |
| Current tax liabilities (net) | 28 | - | 2,973.15 |
| Total current liabilities | | 1,17,097.41 | 1,11,841.91 |
| Deferred Revenue | 29 | 19,075.05 | 11,768.55 |
| TOTAL EQUITY AND LIABILITIES | | 5,23,576.10 | 5,77,827.92 |
| Significant accounting policies | 30 | | |

The accompanying notes to this statement are an integral part of these financial statements.

For and on behalf of the Board of Directors


 V.K. Mishra
 CEO
 Place: Kamti
 Date: 19/6/2020


 S. B. Mishra
 (S. Mishra)
 CFO
 Place: Kamti


 Anurag
 (Anurag)
 Director


 Anand
 (Anand)
 Chairman

This is the Balance Sheet of the Company as at the end of the period.

For A. B. Soni & Co.
 Chartered Accountants

Neeraj Kumar Soni
 Partner
 Membership No. - 11109770
 Firm Reg. No. 0003104
 Place:
 Date:


 अपर-महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड/NTPC LIMITED

Kanti Bijlee Utpadan Nigam Limited
 Regd. Office: NTPC Bhiwari, Scope Complex, 7, Institutional Area, Indira Road, New Delhi-110003

STATEMENT OF PROFIT AND LOSS

| Particulars | Note No. | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
|--|----------|-------------------------------------|-------------------------------------|
| Revenue | | | |
| Revenue from operations | 15 | 1,69,082.55 | 1,60,226.24 |
| Other income | 26 | 447.84 | 515.33 |
| Total Revenue | | 1,69,530.39 | 1,60,741.57 |
| Expenses | | | |
| Fuel Cost | | 84,063.26 | 81,771.77 |
| Employee benefits expense | 27 | 7,663.69 | 7,835.47 |
| Finance costs | 28 | 24,689.22 | 24,979.74 |
| Depreciation and amortisation expense | 29 | 24,161.00 | 23,125.90 |
| Other expenses | 30 | 15,829.04 | 10,635.84 |
| Total expenses | | 1,56,406.21 | 1,49,348.72 |
| Profit before tax | | 13,124.18 | 12,692.85 |
| Tax expense | | | |
| Current tax | 42 | | |
| Current Year | | 2,268.48 | 2,819.17 |
| Earlier Years | | 457.83 | - |
| Deferred tax | | - | - |
| Total tax expense | | 2,726.31 | 2,819.17 |
| Profit for the year | | 10,397.87 | 9,873.68 |
| Other comprehensive income (expense) | | | |
| Net actuarial gains/(losses) on defined benefit plans | | (0.72) | - |
| Total comprehensive income for the year | | 10,397.15 | 9,873.68 |
| Significant accounting policies | | | |
| Expenditure during construction period (net) | 31 | | |
| Earnings per equity share (Par value ₹ 10/- each) | | | |
| From operations including regulatory deferral account balances | | | |
| Basic Earning Per Share (₹) | | 0.67 | 0.68 |
| Diluted Earning Per Share (₹) | | 0.67 | 0.67 |

The accompanying notes 1 to 45 form an integral part of these financial statements

For and on behalf of the Board of Directors


 (V.K. Mittal)
 CEO
 Place: KANTI
 Date: 10/5/2020


 (S.K. Mishra)
 CFO
 Place: KANTI


 (Ajay Thakur)
 Director


 (Rajendra Kumar)
 Chairman

This is the Statement of Profit and Loss referred to in our report of even date

Dr. A.R. Sarda & Co.
 Chartered Accountants

Sudraj Kumar Sarda
 Partner
 Membership No. 1586920
 Firm Reg. No. 0903409
 Office:
 Date:


 अपर-महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड/NTPC LIMITED

CASH FLOW STATEMENT

| Particulars | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
|---|-------------------------------------|-------------------------------------|
| A. Cash Flow From Operating Activities | | |
| Profit before tax and regulatory deferral account balances | 13,124.18 | 12,093.02 |
| Adjustment for | | |
| Depreciation/Amortisation | 24,161.00 | 21,125.90 |
| Fly Ash Utilisation Reserve Fund | 74.42 | - |
| Other Comprehensive Losses | (0.72) | - |
| Profit on disposal of PPE | (0.58) | - |
| Net loss/(gain) in foreign currency transactions & translations | 14.24 | - |
| Loss on disposal/write-off of PPE | 402.81 | - |
| Interest Cost | 24,689.22 | 24,979.76 |
| Grants adjusted as income | (4,493.50) | (4,054.80) |
| Operating Profit/(loss) before working capital changes | 57,971.26 | 56,743.88 |
| Adjustment for - | | |
| Inventory | 2,235.67 | (4,546.64) |
| Trade Receivable | (32,959.74) | (18,407.70) |
| Other Current Financial Asset | 13,099.53 | (13,231.35) |
| Other Current Asset | 226.41 | (191.74) |
| Trade payables | (411.34) | 6,293.87 |
| Other Current financial liabilities | 464.57 | 2,450.12 |
| Other current liabilities | 108.51 | 12.13 |
| Provisions | (286.79) | 74.67 |
| Government grant | - | 3,065.00 |
| Cash generated from operations | 40,439.09 | 30,082.00 |
| Less: Income tax paid | 6,098.46 | 7.99 |
| Net cash inflow from operating activities [A] | 34,340.63 | 30,074.02 |
| B. Cash Flow From Investment Activities | | |
| Purchase of fixed assets & CWIP | (5,583.45) | (28,490.23) |
| Net investment / (redemption) of bank deposits | 1,663.87 | (1,857.03) |
| Net cash outflow from investing activities [B] | (3,919.57) | (30,347.26) |
| C. Cash Flow From Financing Activities | | |
| Proceeds from issue of shares | 5,000.00 | 7,500.00 |
| Proceeds from Share Application Money | 5,000.00 | - |
| Net proceeds from non current borrowings | (5,721.83) | (11,907.49) |
| Net proceeds from current borrowings | (3,183.08) | 11,160.17 |
| Interest paid | (24,831.18) | (24,847.30) |
| Net cash inflow / (Outflow) from financing activities [C] | (23,736.09) | (11,985.12) |
| Net increase/(decrease) in cash and cash equivalents [A+B+C] | 6,684.96 | (1,258.36) |
| Cash and Cash equivalents at the beginning of the year | 992.11 | 7,150.17 |
| Cash and Cash equivalents at the end of the year | 7,677.08 | 592.11 |

[Signature]

Chhavi
अपर-महाप्रबन्धक (वाणिज्यिक)
Add. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

Kanti Bijlee Utpadan Nigam Limited
Notes to statement of cash flows

- a) Cash and cash equivalents consist of balances with banks and deposits with original maturity of upto three months.
b) Reconciliation between the opening and closing balances in the balance sheet for liabilities arising from financing activities:

| Particulars | ₹ Lakhs | |
|---|------------------------|--------------------|
| | Non-current borrowings | Current borrowings |
| For the year ended 31 March 2020 | | |
| Balance as at 1 April 2019 | | |
| Loan draws | 2,46,153.30 | 49,165.95 |
| Loan repayments | (15,275.86) | (1,183.08) |
| Interest accrued during the year | (20,995.69) | |
| Interest payment during the year | 22,228.85 | 7,816.39 |
| Balance as at 31 March 2020 | 2,41,735.17 | 45,982.87 |
| For the year ended 31 March 2019 | | |
| Balance as at 1 April 2018 | | |
| Loan draws | 2,61,060.79 | 18,005.78 |
| Loan repayments | (11,767.87) | (31,160.17) |
| Interest accrued during the year | (26,675.36) | |
| Interest payment during the year | 23,173.42 | 3,096.60 |
| Balance as at 31 March 2019 | 2,46,153.30 | 49,165.95 |

For and on behalf of the Board of Directors


(V.K. Mittal)
CEO
Place: KANTI
Date:


(S. S. Mandal)
CEO
Place:


(Ajay Datta)
Director


(Anand)
Chairman

This is the Statement of cash flows referred to in our report of even date.

For A.R. Sureka & Co
Chartered Accountants

Neeraj Kumar Sureka
Partner
Membership No.: 056920
Firm Reg. No.: 0003600
Place:
Date:


अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

Kanti Bijlee Utpadan Nigam Limited
 Regd. Office: NTPC Bhawan, Scope Complex, 7, Institutional Area, Lodhi Road, New Delhi-110003

STATEMENT OF CHANGES IN EQUITY

(A) Equity Share Capital

| For the year ended 31 March 2020 | | ₹ Lakhs |
|---|--|--------------------|
| Balance as at 1 April 2019 | | 1,51,067.37 |
| Changes in equity share capital during the year | | 5,100.00 |
| Balance as at 31 March 2020 | | 1,56,067.37 |

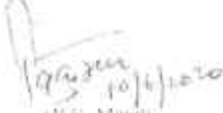
| For the year ended 31 March 2019 | | ₹ Lakhs |
|---|--|--------------------|
| Balance as at 1 April 2018 | | 1,45,967.37 |
| Changes in equity share capital during the year | | 7,500.00 |
| Balance as at 31 March 2019 | | 1,51,067.37 |

(B) Other Equity

| For the year ended 31 March 2020 | | ₹ Lakhs | | |
|--|--------------------|---|----------------------------------|--------------|
| | Reserves & Surplus | | | Total |
| | Retained Earnings | Share Application Money Pending Allotment | Fly Ash utilisation reserve fund | |
| Balance as at 1 April 2019 | (15,425.41) | 0.00 | - | (15,425.41) |
| Profit for the year | 10,397.15 | - | - | 10,397.15 |
| Transfer to fly ash utilisation reserve fund (net) (Note 13) | - | - | 61.41 | 61.41 |
| Rounding off Adjustment | 0.02 | - | - | 0.02 |
| Share Application Money received (Note 13) | - | 10,000.00 | - | 10,000.00 |
| Less: Shares allotted against share application money | - | 5,000.00 | - | 5,000.00 |
| Balance as at 31 March 2020 | (5,028.24) | 5,000.00 | 61.41 | 33.18 |

| For the year ended 31 March 2019 | | ₹ Lakhs | | |
|--|--------------------|---|----------------------------------|--------------------|
| | Reserves & Surplus | | | Total |
| | Retained Earnings | Share Application Money Pending Allotment | Fly Ash utilisation reserve fund | |
| Balance as at 1 April 2018 | (25,299.26) | 0.00 | - | (25,299.26) |
| Profit for the year | 9,873.85 | - | - | 9,873.85 |
| Transfer to fly ash utilisation reserve fund (net) (Note 13) | - | - | - | - |
| Share Application Money received (Note 13) | - | 7,500.00 | - | 7,500.00 |
| Less: Shares allotted against share application money | - | 7,500.00 | - | 7,500.00 |
| Balance as at 31 March 2019 | (15,425.41) | 0.00 | - | (15,425.41) |

For and on behalf of the Board of Directors


 (V.K. Mittal)
 CFO
 Place: Kolkata
 Date:


 (S. Mandal)
 CFO
 N.A.C.

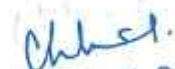

 (Anuj Chatterjee)
 Director


 (Anand Kumar)
 Chairman

This is the Statement of Changes in Equity referred to in our report of even date.

For A.R. Sinha & Co.
 Chartered Accountants

Neesha Kumar Sinha
 Partner
 Membership No.: 156979
 Firm Reg. No.: 900392
 Place
 Date


अपर. महाप्रबन्धक (वाणिज्यिक)
Add. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements

I. Company Information and Significant Accounting Policies

A. Reporting entity

Kanti Bijlee Utpadan Nigam Limited (the "Company") is a Company domiciled in India and limited by shares (CIN: U40102DL2006GO153167). The address of the Company's registered office is NTPC Bhawan, SCOPE Complex, 7 Institutional Area, Lodi Road, New Delhi - 110003. The Company is involved in the generation and sale of bulk power to State Power Utilities. The Company is a wholly owned subsidiary of NTPC Limited.

B. Basis of preparation

1. Statement of Compliance

These standalone financial statements are prepared on going concern basis following accrual system of accounting and comply with the Indian Accounting Standards (Ind AS) prescribed under Section 133 of the Companies Act, 2013 read with the Companies (Indian Accounting Standards) Rules, 2015 as amended, and other provisions of the Companies Act, 2013 (to the extent notified and applicable), and the provisions of the Electricity Act, 2003 to the extent applicable.

These financial statements were authorized for issue by the Board of Directors on 8 June 2020.

2. Basis of measurement

The financial statements have been prepared on the historical cost basis. Historical cost is the amount of cash or cash equivalents paid or the fair value of the consideration given to acquire assets at the time of their acquisition or the amount of proceeds received in exchange for the obligation, or at the amounts of cash or cash equivalents expected to be paid to satisfy the liability in the normal course of business. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

3. Functional and presentation currency

These financial statements are presented in Indian Rupees (INR) which is the Company's functional currency. All financial information presented in (INR) has been rounded to the nearest Lakh (up to two decimals), except when indicated otherwise.

4. Current and non-current classification

The Company presents assets and liabilities in the balance sheet based on current/non-current classification.

An asset is classified as current when it is:

- Expected to be realized or intended to be sold or consumed in normal operating cycle;
- Held primarily for the purpose of trading;
- Expected to be realized within twelve months after the reporting period; or
- Cash or cash equivalent unless restricted from being exchanged or used to settle a liability for at least twelve months after the reporting period.

All other assets are classified as non-current.

A liability is classified as current when:

- It is expected to be settled in normal operating cycle;
- It is held primarily for the purpose of trading;
- It is due to be settled within twelve months after the reporting period; or
- There is no unconditional right to defer settlement of the liability for at least twelve months

Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements (continued)

after the reporting period.

All other liabilities are classified as non-current.

Deferred tax assets/liabilities are classified as non-current.

Assets and liabilities are classified between current and non-current considering 12 months period as normal operating cycle.

C. Significant accounting policies

A summary of the significant accounting policies applied in the preparation of the financial statements are as given below. These accounting policies have been applied consistently to all periods presented in the financial statements.

The Company has elected to utilize the option under Ind AS 104 by not applying the provisions of Ind AS 16 & Ind AS 38 retrospectively and continue to use the previous GAAP carrying amount as a deemed cost under Ind AS at the date of transition to Ind AS i.e. 1 April 2015. Therefore, the carrying amount of property, plant and equipment and intangible assets as per the previous GAAP as at 1 April 2015, i.e.; the Company's date of transition to Ind AS, were maintained on transition to Ind AS.

1. Property, plant and equipment

1.1. Initial recognition and measurement

An item of property, plant and equipment is recognized as an asset if and only if it is probable that future economic benefits associated with the item will flow to the Company and the cost of the item can be measured reliably.

Items of property, plant and equipment are initially recognized at cost. Cost includes purchase price including import duties and non-refundable taxes after deducting trade discounts and rebates, any cost directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management and the present value of initial estimate of cost of dismantling, removal and restoration.

Subsequent measurement is done at cost less accumulated depreciation/amortization and accumulated impairment losses.

When parts of an item of property, plant and equipment, that are significant in value and have different useful lives, they are recognized separately.

Deposits, payments/liabilities made provisionally towards compensation, rehabilitation and other expenses relating to land in possession are treated as cost of land.

In the case of assets put to use, where final settlement of bills with contractors is yet to be effected, capitalization is done on provisional basis subject to necessary adjustment in the year of final settlement.

Assets and systems common to more than one generating unit are capitalized on the basis of engineering estimates/assessments.

Items of spare parts, stand-by equipment and servicing equipment which meet the definition of property, plant and equipment are capitalized. Other spare parts are carried as inventory and recognized in the statement of profit and loss on consumption.

1.2. Subsequent costs

Subsequent expenditure is recognized in the carrying amount of the asset when it is probable that future economic benefits deriving from the cost incurred will flow to the enterprise and the cost of the item can be measured reliably.

Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements (continued)

Expenditure on major inspection and overhauls of generating unit is capitalized, when it meets the asset recognition criteria. Any remaining carrying amount of the cost of the previous inspection and overhaul is derecognized.

The cost of replacing major part of an item of property, plant and equipment is recognized in the carrying amount of the item if it is probable that the future economic benefits embodied within the part will flow to the Company and its cost can be measured reliably. The carrying amount of the replaced part is derecognized regardless of whether the replaced part has been depreciated separately. The costs of the day-to-day servicing of property, plant and equipment are recognized in profit or loss as incurred.

1.3. Decommissioning costs

The present value of the expected cost for the decommissioning of the asset after its use is included in the cost of the respective asset if the recognition criteria for a provision are met.

1.4. De-recognition

Property, plant and equipment is derecognized when no future economic benefits are expected from their use or upon their disposal. Gains and losses on de-recognition of an item of property, plant and equipment are determined as the difference between sale proceeds from disposal, if any, and the carrying amount of property, plant and equipment, and are recognized in the statement of profit and loss.

In circumstance, where an item of property, plant and equipment is abandoned, the net carrying cost relating to the property, plant and equipment is written off in the same period.

1.5. Depreciation/amortization

Depreciation is recognized in statement of profit and loss on a straight-line basis over the estimated useful lives of each part of an item of property, plant and equipment.

Depreciation on the assets of the generation of electricity business, covered under Part B of Schedule II of the Companies Act, 2013, is charged on straight-line method following the rates and methodology notified by the Central Electricity Regulatory Commission (CERC) Tariff Regulations.

Depreciation on the following assets is provided on their estimated useful life, which are different from the useful life as prescribed under Schedule II to the Companies Act, 2013, ascertained on the basis of technical evaluation:

| | |
|---|----------|
| a) Kutch roads | 2 years |
| b) Enabling works | |
| - residential buildings | 15 years |
| - internal electrification of residential buildings | 10 years |
| - non-residential buildings including their internal electrification, water supply, sewerage & drainage works, railway sidings, aerodromes, helipads and airstrips. | 5 years |
| c) Personal computers & laptops including peripherals | 3 years |
| d) Photocopiers, fax machines, water coolers and refrigerators | 5 years |
| e) Temporary erections including wooden structures | 1 year |
| f) Telephone exchange | 15 years |
| g) Wireless systems, VSAT equipments, display devices viz. projectors, screens, CCTV, audio video conferencing systems and other communication equipments | 6 years |

Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements (continued)

Major overhaul and inspection costs which have been capitalized are depreciated over the period until the next scheduled outage or actual major inspection/overhaul, whichever is earlier.

- * Capital spares are depreciated considering the useful life ranging between 2 to 25 years based on technical assessment.

Right-of-use land and buildings relating to generation of electricity business governed by CERC Tariff Regulations are fully amortized over lease period or life of the related plant whichever is lower following the rates and methodology notified by the CERC Tariff Regulations.

Depreciation on additions to/deductions from property, plant and equipment during the year is charged on pro-rata basis from/up to the month in which the asset is available for use/sale, disposal or earmarked for disposal.

Where the cost of depreciable assets has undergone a change during the year due to increase/decrease in long-term liabilities (recognized up to 31 March 2016) on account of exchange fluctuation, price adjustment, change in duties or similar factors, the unamortized balance of such asset is charged off prospectively over the remaining useful life determined following the applicable accounting policies relating to depreciation/amortization.

Where it is probable that future economic benefits deriving from the expenditure incurred will flow to the enterprise and the cost of the item can be measured reliably, subsequent expenditure on a property, plant and equipment along-with its unamortized depreciable amount is charged off prospectively over the revised useful life determined by technical assessment.

The residual values, useful lives and method of depreciation of assets other than the assets of generation of electricity business governed by CERC Tariff Regulations, are reviewed at each financial year end and adjusted prospectively, wherever required.

2. Leases

Effective 1 April 2019, the Company adopted Ind AS 116 'Leases' and applied to all lease contracts existing on 1 April 2019 using the modified retrospective transition method. Consequently, the lease liability is measured at the present value of remaining lease payments discounted at incremental borrowing rate applicable at the date of initial application and the right-of-use asset has been recognized at an amount equal to lease liability. Comparatives as at and for the year ended 31 March 2019 have not been adjusted and therefore will continue to be reported as per Ind AS 17. The details of accounting policies as per Ind AS 17 are disclosed separately if they are different from those under Ind AS 116.

As lessee

The Company assesses whether a contract contains a lease, at inception of a contract. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. To assess whether a contract conveys the right to control the use of an identified asset, the Company assesses whether: (1) the contract involves the use of an identified asset (2) the Company has substantially all of the economic benefits from use of the asset through the period of the lease and (3) the Company has the right to direct the use of the asset.

The Company recognizes a right-of-use asset and a corresponding lease liability for all lease arrangements in which it is a lessee, except for leases with a term of twelve months or less (short term leases) and leases for low value underlying assets. For these short-term and leases for low value underlying assets, the Company recognizes the lease payments as an operating expense on a straight-line basis over the term of the lease.


अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements (continued)

Certain lease arrangements include the options to extend or terminate the lease before the end of the lease term. Right-of-use assets and lease liabilities include these options when it is reasonably certain that the option to extend the lease will be exercised/option to terminate the lease will not be exercised.

The right-of-use assets are initially recognized at cost, which comprises the initial amount of the lease liability adjusted for any lease payments made at or prior to the commencement date of the lease plus any initial direct costs less any lease incentives. They are subsequently measured at cost less accumulated depreciation/amortization and impairment losses.

Right-of-use assets are depreciated/amortized from the commencement date to the end of the useful life of the underlying asset, if the lease transfers ownership of the underlying asset by the end of lease term or if the cost of right-of-use assets reflects that the purchase option will be exercised. Otherwise, Right-of-use assets are depreciated /amortized from the commencement date on a straight-line basis over the shorter of the lease term and useful life of the underlying asset.

Right-of-use assets are evaluated for recoverability whenever events or changes in circumstances indicate that their carrying amounts may not be recoverable. For the purpose of impairment testing, the recoverable amount (i.e. the higher of the fair value less cost to sell and the value-in-use) is determined on an individual asset basis unless the asset does not generate cash flows that are largely independent of those from other assets. In such cases, the recoverable amount is determined for the Cash Generating Unit (CGU) to which the asset belongs.

The lease liability is initially measured at amortized cost at the present value of the future lease payments. The lease payments are discounted using the interest rate implicit in the lease or, if not readily determinable, using the incremental borrowing rate. Lease liabilities are re-measured with a corresponding adjustment to the related right-of-use asset if the Company changes its assessment whether it will exercise an extension or a termination option.

In the comparative period, as lessee the leases were accounted as per Ind AS 17 and classified as finance lease and operating lease, and accounted as follows:

Accounting for finance leases

In the comparative period, Leases of property, plant and equipment where the Company, as lessee has substantially all risks and rewards of ownership were classified as finance lease. On initial recognition, assets held under finance leases were recorded as property, plant and equipment and the related liability was recognized under borrowings. At inception of the lease, finance leases were recorded at amounts equal to the fair value of the leased asset or, if lower, the present value of the minimum lease payments. Minimum lease payments made under finance leases were apportioned between the finance expense and the reduction of the outstanding liability.

The finance expense was allocated to each period during the lease term so as to produce a constant periodic rate of interest on the remaining balance of the liability.

Accounting for operating leases

In the comparative period, leases in which a significant portion of the risks and rewards of ownership were not transferred to the Company as lessee were classified as operating lease. Payments made under operating leases were recognized as an expense on a straight-line basis over the lease term unless the payments are structured to increase in line with expected general inflation to compensate for the lessor's expected inflationary cost increases. Lease incentives received were recognized as an integral part of the total lease expense, over the term of the lease.


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3. Capital work-in-progress

Cost incurred for property, plant and equipment that are not ready for their intended use as on the reporting date, is classified under capital work-in-progress.

The cost of self-constructed assets includes the cost of materials & direct labour, any other costs directly attributable to bringing the assets to the location and condition necessary for it to be capable of operating in the manner intended by management and borrowing costs attributable to the acquisition or construction of qualifying asset.

Expenses directly attributable to construction of property, plant and equipment incurred till they are ready for their intended use are identified and allocated on a systematic basis on the cost of related assets.

Deposit works/cost plus contracts are accounted for on the basis of statements of account received from the contractors.

Unsettled liabilities for price variation/exchange rate variation in case of contracts are accounted for on estimated basis as per terms of the contracts.

4. Government grants

Government grants are recognized initially as deferred income when there is reasonable assurance that they will be received and the Company will comply with the conditions associated with the grant. Grants that compensate the Company for the cost of an asset are recognized as income on investment in the statement of profit and loss on a systematic basis over the period and in the proportion of depreciation is charged. Grants that compensate the Company for expenses incurred are recognized over the period in which the related costs are incurred and deducted from the related expenses.

5. Intangible assets

5.1. Initial recognition and measurement

An intangible asset is recognized if and only if it is probable that the expected future economic benefits that are attributable to the asset will flow to the Company and the cost of the asset can be measured reliably.

Intangible assets that are acquired by the Company, which have finite useful lives, are recognized at cost. Subsequent measurement is done at cost less accumulated amortization and accumulated impairment losses. Cost includes any directly attributable expenses of preparing the assets for its intended use.

5.2. Subsequent costs:

Subsequent expenditure is recognized as an increase in the carrying amount of the asset when it is probable that future economic benefits deriving from the cost incurred will flow to the enterprise and the cost of the item can be measured reliably.

5.3. De-recognition

An intangible asset is derecognized when no future economic benefits are expected from their use or upon their disposal. Gains & or losses on de-recognition of an item of intangible asset is determined as the difference between the net disposal proceeds, if any, with the carrying amount of intangible assets and are recognized in the statement of profit and loss.

5.4. Amortization

Cost of software recognized as intangible asset, is amortized on straight-line method over a period of legal right to use or 3 years, whichever is less. Other intangible assets are amortized on

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straight-line method over the period of legal right to use or life of the related plant, whichever is less.

The amortization period and the amortization method of intangible assets with a finite useful life is reviewed at each financial year end and adjusted prospectively, wherever required.

6. Impairment of non-financial assets

The carrying amounts of the Company's non-financial assets are reviewed at each reporting date to determine whether there is any indication of impairment considering the provisions of Ind AS 36 - 'Impairment of Assets'. If any such indication exists, then the asset's recoverable amount is estimated.

The recoverable amount of an asset or cash-generating unit is the higher of its fair value less costs to disposal and its value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. For the purpose of impairment testing, assets that cannot be tested individually are grouped together into the smallest group of assets that generates cash inflows from continuing use that are largely independent of the cash inflows of other assets or groups of assets (the "cash-generating unit", or "CGU").

An impairment loss is recognized if the carrying amount of an asset or its CGU exceeds its estimated recoverable amount. Impairment losses are recognized in profit or loss. Impairment losses recognized in respect of CGUs are reduced from the carrying amounts of the assets of the CGU.

Impairment losses recognized in prior periods are assessed at each reporting date for any indications that the loss has decreased or no longer exists. An impairment loss is reversed if there has been a change in the estimates used to determine the recoverable amount. An impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortization, if no impairment loss had been recognized.

7. Regulatory deferral account balances

Expense/income recognized in the statement of profit and loss to the extent recoverable from or payable to the beneficiaries in subsequent periods as per CERC Tariff Regulations are recognized as 'Regulatory deferral account balances'.

Regulatory deferral account balances are adjusted in the year in which the same become recoverable from or payable to the beneficiaries.

Regulatory deferral account balances are evaluated at each balance sheet date to ensure that the underlying activities meet the recognition criteria and it is probable that future economic benefits associated with such balances will flow to the entity. If these criteria are not met, the regulatory deferral account balances are derecognized.

8. Financial instruments

A financial instrument is any contract that gives rise to a financial asset of one entity and a financial liability or equity instrument of another entity.

8.1. Financial assets

Initial recognition and measurement

The company recognizes financial assets when it becomes a party to the contractual provisions of the instrument. All financial assets are recognized at fair value on initial recognition, except for

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trade receivables which are initially measured at transaction price. Transaction costs that are directly attributable to the acquisition of financial assets, which are not at fair value through profit or loss, are added to the fair value on initial recognition.

Subsequent measurement

Debt instruments at amortized cost

A 'debt instrument' is measured at the amortized cost if both the following conditions are met:

- (a) The asset is held within a business model whose objective is to hold assets for collecting contractual cash flows; and
- (b) Contractual terms of the asset give rise on specified dates to cash flows that are solely payments of principal and interest (SPPI) on the principal amount outstanding.

After initial measurement, such financial assets are subsequently measured at amortized cost using the EIR method. Amortized cost is calculated by taking into account any discount or premium on acquisition and fees or costs that are an integral part of the EIR. The EIR amortization is included in finance income in the profit or loss. The losses arising from impairment are recognized in the statement of profit and loss. This category generally applies to trade and other receivables.

Debt instrument at FVTOCI (Fair value through OCI)

A 'debt instrument' is classified as at the FVTOCI if both of the following criteria are met:

- (a) The objective of the business model is achieved both by collecting contractual cash flows and selling the financial assets; and
- (b) The asset's contractual cash flows represent SPPI.

Debt instruments included within the FVTOCI category are measured initially as well as at each reporting date at fair value. Fair value movements are recognized in the OCI. However, the Company recognizes interest income, impairment losses & reversals and foreign exchange gain or loss in the profit and loss. On derecognition of the asset, cumulative gain or loss previously recognized in OCI is reclassified from the equity to profit and loss. Interest earned whilst holding FVTOCI debt instrument is reported as interest income using the EIR method.

Debt instrument at FVTPL (Fair value through profit or loss)

FVTPL is a residual category for debt instruments. Any debt instrument, which does not meet the criteria for categorization as at amortized cost or as FVTOCI, is classified as at FVTPL.

In addition, the Company may elect to classify a debt instrument, which otherwise meets amortized cost or FVTOCI criteria, as at FVTPL. However, such election is allowed only if doing so reduces or eliminates a measurement or recognition inconsistency (referred to as 'accounting mismatch'). Debt instruments included within the FVTPL category are measured at fair value with all changes recognized in the statement of profit and loss.

De-recognition

A financial asset (or, where applicable, a part of a financial asset or part of a Group of similar financial assets) is primarily derecognized (i.e. removed from the Company's balance sheet) when:

- The rights to receive cash flows from the asset have expired; or
- The Company has transferred its rights to receive cash flows from the asset or has assumed an obligation to pay the received cash flows in full without material delay to a third party under a 'pass-through' arrangement; and either (a) the Company has transferred substantially all the risks

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and rewards of the asset, or (b) the Company has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset.

The difference between the carrying amount and the amount of consideration received receivable is recognized in the Statement of Profit and Loss.

Impairment of financial assets

In accordance with Ind AS 109, the Company applies expected credit loss (ECL) model for measurement and recognition of impairment loss on the following financial assets and credit risk exposure:

- (a) Financial assets that are debt instruments, and are measured at amortized cost e.g., loans, debt securities, deposits and bank balance.
- (b) Trade receivables and unbilled revenue under Ind AS 115.

For recognition of impairment loss on other financial assets and risk exposure, the Company determines that whether there has been a significant increase in the credit risk since initial recognition. If credit risk has not increased significantly, 12-month ECL is used to provide for impairment loss. However, if credit risk has increased significantly, lifetime ECL is used. If, in a subsequent period, credit quality of the instrument improves such that there is no longer a significant increase in credit risk since initial recognition, then the entity reverts to recognizing impairment loss allowance based on 12-month ECL.

S.2. Financial liabilities

Initial recognition and measurement

Financial liabilities are classified, at initial recognition, as financial liabilities at fair value through profit or loss, borrowings, payables. All financial liabilities are recognized initially at fair value and, in the case of borrowings and payables, net of directly attributable transaction costs. The Company's financial liabilities include trade and other payables, borrowings including bank overdrafts and payable for capital expenditure.

Subsequent measurement

The measurement of financial liabilities depends on their classification, as described below:

Financial liabilities at amortized cost

After initial measurement, such financial liabilities are subsequently measured at amortized cost using the EIR method. Gains and losses are recognized in the statement of profit and loss when the liabilities are derecognized as well as through the EIR amortization process. Amortized cost is calculated by taking into account any discount or premium on acquisition and fees or costs that are an integral part of the EIR. The EIR amortization is included in finance costs in the profit or loss. This category generally applies to borrowings, trade payables and other contractual liabilities.

Financial liabilities at fair value through profit or loss

Financial liabilities at fair value through profit or loss include financial liabilities held for trading and financial liabilities designated upon initial recognition as at fair value through profit or loss. Financial liabilities are classified as held for trading if they are incurred for the purpose of repurchasing in the near term. This category also includes derivative financial instruments entered into by the Company that are not designated as hedging instruments in hedge relationships as defined by Ind AS 109. Separated embedded derivatives are also classified as held for trading unless they are designated as effective hedging instruments.

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Gains or losses on liabilities held for trading are recognized in the statement of profit and loss.

Financial liabilities designated upon initial recognition at fair value through profit or loss are designated at the initial date of recognition, and only if the criteria in Ind AS 109 are satisfied. For liabilities designated as FVTPL, fair value gains/losses attributable to changes in own credit risk are recognized in OCI. These gains/losses are not subsequently transferred to profit and loss. However, the company may transfer the cumulative gain or loss within equity. All other changes in fair value of such liability are recognized in the statement of profit and loss. The Company has not designated any financial liability as at fair value through profit and loss.

De-recognition

A financial liability is derecognized when the obligation under the liability is discharged or cancelled or expired. When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as the derecognition of the original liability and the recognition of a new liability. The difference in the respective carrying amounts is recognized in the statement of profit and loss.

9. Borrowing costs

Borrowing costs consist of interest expense calculated using the effective interest method as described in Ind AS 109 – 'Financial Instruments'.

Borrowing costs that are directly attributable to the acquisition, construction or erection of qualifying assets are capitalized as part of cost of such asset until such time the assets are substantially ready for their intended use. Qualifying assets are assets which necessarily take substantial period of time to get ready for their intended use or sale.

When the Company borrows funds specifically for the purpose of obtaining a qualifying asset, the borrowing costs incurred are capitalized. When Company borrows funds generally and uses them for the purpose of obtaining a qualifying asset, the capitalization of the borrowing costs is computed based on the weighted average cost of general borrowing that are outstanding during the period and used for the acquisition, construction or erection of the qualifying asset.

Income earned on temporary investment of the borrowings pending their utilization for expenditure on the qualifying assets is deducted from the borrowing costs eligible for capitalization.

Capitalization of borrowing costs ceases when substantially all the activities necessary to prepare the qualifying assets for their intended uses are complete.

Other borrowing costs are recognized as an expense in the year in which they are incurred.

10. Inventories

Inventories are valued at the lower of cost and net realizable value. Cost includes cost of purchase, cost of conversion and other costs incurred in bringing the inventories to their present location and condition. Cost is determined on weighted average basis. Costs of purchased inventory are determined after deducting rebates and discounts. Net realizable value is the estimated selling price in the ordinary course of business, less estimated costs of completion and the estimated costs necessary to make the sale.

The diminution in the value of obsolete, unserviceable, surplus and non-moving items of stores and spares is ascertained on review and provided for.

Steel scrap is valued at estimated realizable value


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11. Cash and cash equivalents

Cash and cash equivalents in the balance sheet comprise cash at banks, cash on hand and short-term deposits with an original maturity of three months or less, which are subject to an insignificant risk of changes in value.

12. Fly ash utilization reserve fund

Proceeds from sale of ash/ash products along with income on investment of surplus funds are transferred to 'Fly ash utilization reserve fund' in terms of provisions of gazette notification dated 3 November 2009 issued by Ministry of Environment and Forests, Government of India. The fund is utilized towards expenditure on development of infrastructure/facilities, promotion & facilitation activities for use of fly ash.

13. Provisions, contingent liabilities and contingent assets

A provision is recognized if, as a result of a past event, the Company has a present legal or constructive obligation that can be estimated reliably, and it is probable that an outflow of economic benefits will be required to settle the obligation. If the effect of the time value of money is material, provisions are determined by discounting the expected future cash flows at a pre-tax rate that reflects current market assessments of the time value of money and the risks specific to the liability. When discounting is used, the increase in the provision due to the passage of time is recognized as a finance costs.

The amount recognized as a provision is the best estimate of the consideration required to settle the present obligation at reporting date, taking into account the risks and uncertainties surrounding the obligation.

When some or all of the economic benefits required to settle a provision are expected to be recovered from a third party, the receivable is recognized as an asset if it is virtually certain that reimbursement will be received and the amount of the receivable can be measured reliably. The expense relating to a provision is presented in the statement of profit and loss net of reimbursement, if any.

Contingent liabilities are possible obligations that arise from past events and whose existence will only be confirmed by the occurrence or non-occurrence of one or more future events not wholly within the control of the Company. Where it is not probable that an outflow of economic benefits will be required, or the amount cannot be estimated reliably, the obligation is disclosed as a contingent liability, unless the probability of outflow of economic benefits is remote. Contingent liabilities are disclosed on the basis of judgment of the management/independent experts. These are reviewed at each balance sheet date and are adjusted to reflect the current management estimate.

Contingent assets are possible assets that arise from past events and whose existence will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the Company. Contingent assets are disclosed in the financial statements when inflow of economic benefits is probable on the basis of judgment of management. These are assessed continually to ensure that developments are appropriately reflected in the financial statements.


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14. Foreign currency transactions and translation

Transactions in foreign currencies are initially recorded at the functional currency spot rates at the date the transaction first qualifies for recognition.

Monetary assets and liabilities denominated in foreign currencies are translated at the functional currency spot rates of exchange at the reporting date. Exchange differences arising on settlement or translation of monetary items are recognized in the statement of profit and loss in the year in which it arises with the exception that exchange differences on long term monetary items related to acquisition of property, plant and equipment recognized up to 31 March 2016 are adjusted to the carrying cost of property, plant and equipment.

Non-monetary items denominated in foreign currency which are measured in terms of historical cost are recorded using the exchange rate at the date of the transaction. In case of advance consideration received or paid in a foreign currency, the date of transaction for the purpose of determining the exchange rate to use on initial recognition of the related asset, expense or income (or part of it), is when the Company initially recognizes the non-monetary asset or non-monetary liability arising from the payment or receipt of advance consideration.

15. Revenue

Company's revenues arise from sale of energy and other income. Revenue from other income comprises interest from banks, employees, contractors, income on account of deferred government grants, surcharge received from beneficiaries for delayed payments, sale of scrap, other miscellaneous income, etc.

Effective 1 April 2018, the Company has adopted Ind AS 115 "Revenue from Contracts with Customers" using the cumulative effect method and therefore the comparatives have not been restated and continues to be reported as per Ind AS 18 "Revenue" and Ind AS 11 "Construction Contracts". The details of accounting policies as per Ind AS 18 and Ind AS 11 are disclosed separately if they are different from those under Ind AS 115.

15.1. Revenue from sale of energy

The Company's operations in India are regulated under the Electricity Act, 2003. Accordingly, the CERC determines the tariff for the Company's power plants based on the norms prescribed in the tariff regulations as applicable from time to time. Tariff is based on the capital cost incurred for a specific power plant and primarily comprises two components: capacity charge i.e. a fixed charge, that includes depreciation, return on equity, interest on working capital, operating & maintenance expenses; interest on loan and energy charge i.e. a variable charge primarily based on fuel costs.

Revenue is measured based on the consideration that is specified in a contract with a customer or is expected to be received in exchange for the products or services and excludes amounts collected on behalf of third parties. The Company recognizes revenue when (or as) the performance obligation is satisfied, which typically occurs when (or as) control over the products or services is transferred to a customer.

In the comparative period, revenue from the sale of energy was measured at the fair value of the consideration received or receivable. Revenue was recognized when the significant risks and rewards of ownership had been transferred to the buyer, recovery of the consideration was probable, the associated costs could be estimated reliably, there was no continuing management involvement, and the amount of revenue could be measured reliably.

Revenue from sale of energy is accounted for based on tariff rates approved by the CERC (except items indicated as provisional) as modified by the orders of Appellate Tribunal for Electricity to the extent applicable. In case the tariff rates are yet to be approved items indicated provisional by

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the CERC in their orders, provisional rates are adopted considering the applicable CERC Tariff Regulations. Revenue from sale of energy is recognized once the electricity has been delivered to the beneficiary and is measured through a regular review of usage meters. Beneficiaries are billed on a periodic and regular basis. As at each reporting date, revenue from sale of energy includes an accrual for sales delivered to beneficiaries but not yet billed i.e. unbilled revenue.

The incentives/disincentives are accounted for based on the norms notified/approved by the CERC as per principles enunciated in Ind AS 115. In cases the same have not been notified / approved, incentives/disincentives are accounted for on provisional basis.

Rebates allowed to beneficiaries as early payment incentives are deducted from the amount of revenue.

15.2. Other income

Interest income is recognized, when no significant uncertainty as to measurability or collectability exist, on a time proportion basis taking into account the amount outstanding and the applicable interest rate, using the effective interest rate method (EIR).

Scrap other than steel scrap is accounted for as and when sold.

Insurance claims for loss of profit are accounted for in the year of acceptance. Other insurance claims are accounted for based on certainty of realization.

Revenue from rentals and operating leases is recognized on an accrual basis in accordance with the substance of the relevant agreement.

For debt instruments measured at amortized cost or at fair value through other comprehensive income (OCI), interest income is recorded using the effective interest rate (EIR). EIR is the rate that exactly discounts the estimated future cash payments or receipts over the expected life of the financial instrument or a shorter period, where appropriate, to the gross carrying amount of the financial asset or to the amortized cost of a financial liability. When calculating the EIR, the Company estimates the expected cash flows by considering all the contractual terms of the financial instrument (for example, prepayment, extension, call and similar options) but does not consider the expected credit losses. Interest income is included in other income in the statement of profit and loss.

The interest/surcharge on late payment/overdue trade receivables for sale of energy is recognized when no significant uncertainty as to measurability or collectability exists.

Interest/surcharge recoverable on advances to suppliers as well as warranty claims wherever there is uncertainty of realization/acceptance are not treated as accrued and are therefore, accounted for on receipt/acceptance.

16. Employee benefits

16.1. Defined contribution plans

A defined contribution plan is a post-employment benefit plan under which an entity pays fixed contributions to separate entities and will have no legal or constructive obligation to pay further amounts. Obligations for contributions to defined contribution plans are recognized as an employee benefits expense in the statement of profit or loss in the period during which services are rendered by employees. Prepaid contributions are recognized as an asset to the extent that a cash refund or a reduction in future payments is available. Contributions to a defined contribution plan that are due after more than 12 months after the end of the period in which the employees render the service are discounted to their present value.

In respect of employees from parent company NTPC Limited, Employees benefits include provident fund, pension, gratuity, post retirement medical facilities, compensated absences, long

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service award, economic rehabilitation scheme & other terminal benefits. In terms of the arrangement with the parent company, the company is to make a fixed contribution of the aggregate of basic pay and dearness allowance for the period of service rendered in the company. Accordingly, these employee benefits are treated as defined contribution scheme.

The Company pays a defined contribution for provident fund for employees on its roll to the fund administered and managed by Government of India. Both the employee and the Company make monthly contribution equal to a specified percentage of the employee's salary. The contributions to the fund for the year are recognized as an expense and charged to the statement of profit and loss.

In respect of employees on the roll of the company, expenditure in relation to gratuity and leave encashment is recognized on the basis of actuarial valuation.

16.2. Defined benefit plan

A defined benefit plan is a post-employment benefit plan other than a defined contribution plan. The Company's liability towards gratuity for the employees on its roll is in the nature of defined benefit plan.

The Company's net obligation in respect of defined benefit plan is calculated by estimating the amount of future benefit that employees have earned in return for their service in the current and prior periods; that benefit is discounted to determine its present value. Any unrecognized past service costs and the fair value of any plan assets are deducted. The discount rate is based on the prevailing market yields of Indian government securities as at the reporting date that have maturity dates approximating the terms of the Company's obligations and that are denominated in the same currency in which the benefits are expected to be paid.

The calculation is performed annually by a qualified actuary using the projected unit credit method. Any actuarial gains or losses are recognized in OCI in the period in which they arise.

When the benefits of a plan are improved, the portion of the increased benefit relating to past service by employees is recognized in profit or loss on a straight-line basis over the average period until the benefits become vested. To the extent that the benefits vest immediately, the expense is recognized immediately in statement of profit and loss.

16.3. Other long-term employee benefits

Benefits under the Company's leave encashment scheme for the employees on its roll constitute other long-term employee benefits.

The Company's net obligation in respect of leave encashment is the amount of future benefit that employees have earned in return for their service in the current and prior periods; that benefit is discounted to determine its present value, and the fair value of any related assets is deducted. The discount rate is based on the prevailing market yields of Indian government securities as at the reporting date that have maturity dates approximating the terms of the Company's obligations. The calculation is performed using the projected unit credit method. Any actuarial gains or losses are recognized in profit or loss in the period in which they arise.

The obligations are presented as current liabilities in the balance sheet if the entity does not have an unconditional right to defer settlement for at least twelve months after the reporting period, regardless of when the actual settlement is expected to occur.

16.4. Short-term benefits

Short-term employee benefit obligations are measured on an undiscounted basis and are expensed as the related service is provided.

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A liability is recognized for the amount expected to be paid under performance related pay if the Company has a present legal or constructive obligation to pay this amount as a result of past service provided by the employee and the obligation can be estimated reliably.

17. Other expenses

Expenses on training & recruitment and voluntary community development are charged to statement of profit and loss in the year incurred.

Transit and handling losses of coal as per Company's norms are included in cost of coal.

18. Income tax

Income tax expense comprises current and deferred tax. Current tax expense is recognized in statement of profit and loss except to the extent that it relates to items recognized directly in other comprehensive income (OCI) or equity, in which case it is recognized in OCI or equity, respectively.

Current tax is the expected tax payable on the taxable income for the year, using tax rates enacted or substantively enacted and as applicable at the reporting date, and any adjustment to tax payable in respect of previous years.

Deferred tax is recognized using the balance sheet method, on temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the tax bases of assets and liabilities. Deferred tax is measured at the tax rates that are expected to be applied to temporary differences when they materialize, based on the laws that have been enacted or substantively enacted by the reporting date. Deferred tax assets and liabilities are offset if there is a legally enforceable right to offset current tax liabilities and assets, and they relate to income taxes levied by the same tax authority.

Deferred tax is recognized in statement of profit and loss except to the extent that it relates to items recognized directly in OCI or equity, in which case it is recognized in OCI or equity, respectively.

A deferred tax asset is recognized to the extent that it is probable that future taxable profits will be available against which the temporary difference can be utilized. Deferred tax assets are reviewed at each reporting date and are reduced to the extent that it is no longer probable that the related tax benefit will be realized.

Deferred tax assets include Minimum Alternative Tax (MAT) paid in accordance with the tax laws in India, which is likely to give future economic benefits in the form of availability of set off against future income tax liability. MAT credit is recognized as deferred tax asset in the balance sheet when the asset can be measured reliably and it is probable that the future taxable profit will be available against which MAT credit can be utilized.

19. Operating segments

In accordance with Ind AS 108, the operating segments used to present segment information are identified on the basis of internal reports used by the Company's management to allocate resources to the segments and assess their performance. The Board of Directors is collectively the Company's 'Chief Operating Decision Maker' or 'CODM' within the meaning of Ind AS 108. In the opinion of the management, there is only one reportable segment ("Generation of Energy").


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20. Material prior period errors

- Material prior period errors are corrected retrospectively by restating the comparative amounts for the prior periods presented in which the error occurred. If the error occurred before the earliest period presented, the opening balances of assets, liabilities and equity for the earliest period presented, are restated.

21. Earnings per share

Basic earnings per equity share is computed by dividing the net profit or loss attributable to equity shareholders of the Company by the weighted average number of equity shares outstanding during the financial year.

Diluted earnings per equity share is computed by dividing the net profit or loss attributable to equity shareholders of the Company by the weighted average number of equity shares considered for deriving basic earnings per equity share and also the weighted average number of equity shares that could have been issued upon conversion of all dilutive potential equity shares.

Basic and diluted earnings per equity share are also computed using the earnings amounts excluding the movements in regulatory deferral account balances.

22. Statement of cash flows

Statement of cash flows is prepared in accordance with the indirect method prescribed in Ind AS 7 'Statement of cash flows'.


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D. Use of estimates and management judgments

- The preparation of financial statements requires management to make judgments, estimates and assumptions that may impact the application of accounting policies and the reported value of assets, liabilities, income, expenses and related disclosures concerning the items involved as well as contingent assets and liabilities at the balance sheet date. The estimates and management's judgments are based on previous experience & other factors considered reasonable and prudent in the circumstances. Actual results may differ from these estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in any future periods affected.

In order to enhance understanding of the financial statements, information about significant areas of estimation, uncertainty and critical judgments in applying accounting policies that have the most significant effect on the amounts recognized in the financial statements is as under:

1. Formulation of accounting policies

The accounting policies are formulated in a manner that results in financial statements containing relevant and reliable information about the transactions, other events and conditions to which they apply. Those policies need not be applied when the effect of applying them is immaterial.

2. Useful life of property, plant and equipment and intangible assets

The estimated useful life of property, plant and equipment and intangible assets is based on a number of factors including the effects of obsolescence, demand, competition and other economic factors (such as the stability of the industry and known technological advances) and the level of maintenance expenditures required to obtain the expected future cash flows from the asset.

Useful life of the property, plant and equipment and intangible assets of the generation of electricity business is determined by the CERC Tariff Regulations in accordance with Schedule II of the Companies Act, 2013.

3. Recoverable amount of property, plant and equipment and intangible assets

The recoverable amount of property, plant and equipment and intangible assets is based on estimates and assumptions regarding in particular the expected market outlook and future cash flows associated with the power plants. Any changes in these assumptions may have a material impact on the measurement of the recoverable amount and could result in impairment.

4. Post-employment benefit plans

Employee benefit obligations are measured on the basis of actuarial assumptions which include mortality and withdrawal rates as well as assumptions concerning future developments in discount rates, the rate of salary increases and the inflation rate. The Company considers that the assumptions used to measure its obligations are appropriate and documented. However, any changes in these assumptions may have a material impact on the resulting calculations.

5. Revenues

The Company records revenue from sale of energy based on tariff rates approved by the CERC as modified by the orders of Appellate Tribunal for Electricity, as per principles enunciated under Ind AS 115. However, in cases where tariff rates are yet to be approved, provisional rates are adopted considering the applicable CERC Tariff Regulations.


अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements (continued)

6. Assets held for sale

Significant judgment is required to apply the accounting of non-current assets held for sale under Ind AS 105 - 'Non-current assets held for sale and discontinued operations'. In assessing the applicability, management has exercised judgment to evaluate the availability of the asset for immediate sale, management's commitment for the sale and probability of sale within one year to conclude if their carrying amount will be recovered principally through a sale transaction rather than through continuing use.

7. Regulatory deferral account balances

Recognition of regulatory deferral account balances involves significant judgements including about future tariff regulations since these are based on estimation of the amounts expected to be recoverable/payable through tariff in future.

8. Provisions and contingencies

The assessments undertaken in recognizing provisions and contingencies have been made in accordance with Ind AS 37, 'Provisions, contingent liabilities and contingent assets'. The evaluation of the likelihood of the contingent events has required best judgment by management regarding the probability of exposure to potential loss. Should circumstances change following unforeseeable developments, this likelihood could alter.

9. Income taxes

Significant estimates are involved in determining the provision for income taxes, including amount expected to be paid/recovered for uncertain tax positions.



अपर. महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

South Bihar Upodon Nigam Limited
Notes to the financial statements

2. Property, plant and equipment (PPE)
As at 31 March 2020

Particulars

| | Gross Block | | | Depreciation, Amortisation and Impairment | | | Net Block | |
|--------------------------------|-----------------------|-----------|-----------------------------|---|--------------|-----------------------------|---------------|------------------------|
| | As at 1 April 2019 | Additions | (Disposals/ Adjustments) | As at 31 March 2020 | 1-April 2019 | For the year Adjustments | 31 March 2020 | As at 31 March 2020 |
| Land | | | | | | | | |
| Buildings | 17,485.12 | | | 17,485.12 | 161.27 | | 651.71 | 17,380.12 |
| Plant and machinery | 11,133.74 | | | 11,635.28 | 160.82 | | 280.94 | 10,255.04 |
| Motor vehicle | 2,709.44 | | | 4,983.82 | | | | 4,684.08 |
| Furniture | 20,715.47 | | | 20,668.09 | 2,175.84 | | 4,250.01 | 20,392.08 |
| Computer | 2,277.18 | 3,110.12 | 11.12 | 2,077.28 | 752.10 | | 809.07 | 2,172.79 |
| Other | 168.50 | | 61.61 | 345.50 | 144.05 | 17.79 | | 132.47 |
| Leasehold land | 61.92 | | | 30.92 | 1.28 | | 5.99 | 24.93 |
| Right of use intangible assets | 8,450.21 | | 221.07 | 6,560.28 | 671.08 | | 1,081.52 | 5,678.76 |
| Net PPE | 35,173.14 | 2,709.44 | 3,352.80 | 42,415.38 | 3,216.38 | 1,119.45 | 4,420.47 | 39,995.48 |
| Intangible Assets | 418.84 | 170.84 | (171.25) | 566.25 | 68.57 | 3.26 | 131.86 | 434.09 |
| Goodwill | 2.42 | | | 1.34 | 3.58 | | 6.23 | 6.01 |
| Right of use intangible assets | 160.78 | 75.48 | | 243.26 | 68.12 | 20.92 | 89.64 | 154.25 |
| Leasehold land | 397.00 | 47.44 | 15.40 | 432.00 | 127.05 | 59.75 | 222.94 | 214.00 |
| Right of use intangible assets | 301.00 | 45.23 | 1.14 | 334.33 | 213.39 | 60.63 | 274.12 | 360.26 |
| Goodwill | 1,259.11 | | 1.11 | 1,544.99 | 248.13 | 83.99 | 337.12 | 1,207.87 |
| Intangible Assets | 276.20 | 1.95 | | 11.35 | 1.28 | 1.04 | 5.72 | 10.50 |
| Right of use intangible assets | 4.28 | 0.67 | | 11.75 | 0.76 | 0.75 | 1.26 | 10.50 |
| Goodwill | 4,461,780.41 | 3,790.95 | 6,517.63 | 4,531,088.60 | 57,240.87 | 24,900.74 | 81,713.25 | 3,993,375.46 |

As at 31 March 2019

Particulars

| | Gross Block | | | Depreciation, Amortisation and Impairment | | | Net Block | |
|--------------------------------|-----------------------|-----------|-----------------------------|---|--------------|-----------------------------|---------------|------------------------|
| | As at 1 April 2018 | Additions | (Disposals/ Adjustments) | As at 31 March 2019 | 1-April 2018 | For the year Adjustments | 31 March 2019 | As at 31 March 2019 |
| Land | | | | | | | | |
| Buildings | 15,279.72 | 13.80 | | 15,499.12 | 209.79 | | 461.22 | 15,180.12 |
| Plant and machinery | 8,564.15 | 2,651.12 | | 14,635.28 | 164.29 | | 196.83 | 13,774.83 |
| Motor vehicle | 2,709.44 | | | 2,706.45 | | | | 2,510.02 |
| Furniture | 20,715.47 | | | 20,516.47 | 1,441.83 | | 2,123.03 | 27,344.00 |
| Computer | 2,277.18 | | | 2,257.18 | 1,035.83 | | 80.23 | 1,455.63 |
| Other | 168.50 | | | 345.50 | 106.14 | | 62.10 | 211.89 |
| Leasehold land | 61.92 | | | 30.92 | 1.28 | | 5.99 | 25.64 |
| Right of use intangible assets | 8,450.21 | | 221.07 | 6,436.23 | 265.05 | | 477.08 | 5,764.82 |
| Net PPE | 35,173.14 | 3,352.80 | 3,352.80 | 42,415.38 | 3,052.27 | 21,110.13 | 32,126.35 | 33,745.31 |
| Intangible Assets | 418.84 | 170.84 | (171.25) | 566.25 | 68.57 | 3.26 | 131.86 | 434.09 |
| Goodwill | 2.42 | | | 1.34 | 3.58 | | 6.23 | 6.01 |
| Right of use intangible assets | 160.78 | 75.48 | | 243.26 | 68.12 | 20.92 | 89.64 | 154.25 |
| Leasehold land | 397.00 | 47.44 | 15.40 | 432.00 | 127.05 | 59.75 | 222.94 | 214.00 |
| Right of use intangible assets | 301.00 | 45.23 | 1.14 | 334.33 | 213.39 | 60.63 | 274.12 | 360.26 |
| Goodwill | 1,259.11 | | 1.11 | 1,544.99 | 248.13 | 83.99 | 337.12 | 1,207.87 |
| Intangible Assets | 276.20 | 1.95 | | 11.35 | 1.28 | 1.04 | 5.72 | 10.50 |
| Right of use intangible assets | 4.28 | 0.67 | | 11.75 | 0.76 | 0.75 | 1.26 | 10.50 |
| Goodwill | 4,428,706.47 | 10,421.68 | 6,692.11 | 4,499,780.11 | 33,806.85 | 24,454.26 | 58,210.87 | 3,932,210.24 |

Dr. General Manager (Commercial)
NTPC LIMITED
Date: 12/03/2020

- a. The management of the assets of the units is located and is managed by 2231 across implementation of the following cases: Case 2, 27, 3, 4, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

| Particulars | ₹ Lakhs | |
|---------------------------------|----------------------------------|----------------------------------|
| | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Salary | | |
| Man Power | | |
| Others | 6.28 | - |
| Staff Welfare and Miscellaneous | 15.97 | 11.64 |
| Transportation | 1,461.00 | 3,334.10 |
| Office | | |
| Taxes | 1,477.44 | 1,442.93 |

provision for contingencies, business development and depreciation and impairment for the year includes:

| Particulars | Gross block | | Depreciation and amortization | |
|------------------------|----------------------------------|---------------|----------------------------------|---------------|
| | For the year ended 31 March 2020 | 31 March 2019 | For the year ended 31 March 2020 | 31 March 2019 |
| Buildings | (1.40) | - | (1.40) | - |
| Furniture and fixtures | (514.72) | - | (109.52) | - |
| Leasehold improvements | (6,033.76) | (6,292.11) | - | - |
| Plant and machinery | (6,517.63) | (6,192.11) | (113.22) | - |
| Total | | | | |

The above gross block and depreciation and amortization are for the year ended 31 March 2020.

Chheda
अपर: महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी सी लिमिटेड / NTPC LIMITED

Wani Hydro Electric Nigam Limited
Notes to the financial statements

3 Capital works-in-progress

| Particulars | As at | | Additions | (Deductions/ Adjustments | As at | |
|---|------------------|---------------|------------------|-----------------------------|-----------------|------------------|
| | 1 April 2019 | 31 March 2020 | | | 31 March 2020 | 31 March 2020 |
| Development of land | | | | | | |
| Buildings | 84.32 | | 2,163.67 | (2,247.99) | | |
| Main plant | | | | | | |
| Others | | | | | | |
| Temporary structure | 552.18 | | 70.14 | (106.31) | 594.85 | |
| AGGR track and signalling system | 5.54 | | 320.21 | (744.96) | (90.39) | |
| Earth dam reservoir | 308.11 | | 15.97 | (5.54) | | 237.04 |
| Plant and equipment | 1,289.38 | | 1,175.14 | (224.08) | | |
| LOP-WP machinery & miscan equipment | 28,973.82 | | 5,675.58 | (2,464.52) | | |
| Construction equipments | | | 23.61 | (1,609.86) | 596.74 | 32,443.20 |
| Electrical installations | 13.14 | | 6.12 | (12.26) | | 23.61 |
| | 59.51 | | 5.15 | (64.66) | | |
| | 31,056.00 | | 10,080.60 | (7,081.19) | 1,381.55 | 32,703.85 |
| Expenditure pending allocation | | | | | | |
| Survey, investigations, consultancy and supervision charges | 209.39 | | 17.82 | | | 227.21 |
| Construction during construction period (net) | | | 1,445.91 | | | 1,445.91 |
| Loss allocated to related works | | | (448.91) | | | |
| | 31,295.39 | | 10,098.42 | (7,081.19) | 1,381.55 | 1,445.91 |
| Construction stores | 8,230.00 | | 83.24 | (600.00) | | 32,931.07 |
| Total | 39,525.39 | | 10,181.65 | (7,541.80) | 1,381.55 | 7,852.62 |
| | | | | | | 40,783.69 |

(Brought over expenditure during construction period (net) - Note 31)

Chhetri
Asst. General Manager (Commercial)
एन टी सी लिमिटेड / NTPC LIMITED

Kaunti Bifftee Utpadan Nigam Limited
Notes to the financial statements

| Particulars | As at | | Additions | (Deductions)/ Adjustments | Capitalised | ₹ Lakhs | |
|---|------------------|---------------|------------------|------------------------------|------------------|-----------------------|------------------------|
| | 1 April 2018 | 31 March 2019 | | | | As at 1 April 2018 | As at 31 March 2019 |
| Development of land | | | | | | | |
| Buildings | | | 84.32 | | | | 84.32 |
| Main plant | | | | | | | |
| Offices | 400.78 | | 773.43 | (1,174.21) | | | |
| Temporary erection | 280.57 | | 84.60 | (13.08) | | | 352.18 |
| NCR track and signalling system | 3.95 | | 1.59 | | | | 5.54 |
| Earth dam reservoir | 292.80 | | 24.72 | | 10.41 | | 308.11 |
| Plant and equipment | 20.23 | | 1,269.14 | | | | 1,289.38 |
| Construction equipments | 32,886.58 | | 8,987.00 | 1,186.08 | 14,065.84 | | 28,973.82 |
| Electrical installations | 13.14 | | | | | | 13.14 |
| | 52.61 | | 6.90 | 1.21 | 1.21 | | 59.51 |
| | <u>33,950.66</u> | | <u>11,232.80</u> | | <u>14,097.46</u> | | <u>31,086.00</u> |
| Expenditure pending allocation | | | | | | | |
| Surveys, investigation, consultancy and supervision charges | 608.71 | | (399.32) | | | | |
| Expenditure during construction period (net)* | | | 1,323.43 | | | | 209.39 |
| Less: Allocated to related works | | | 1,323.43 | | | | |
| | <u>34,559.37</u> | | <u>10,833.48</u> | | <u>14,097.46</u> | | <u>31,295.39</u> |
| Construction stores | | | | | | | |
| Total | 8,278.21 | | (48.21) | | | | 8,230.00 |
| | <u>42,837.58</u> | | <u>10,785.27</u> | | <u>14,097.46</u> | | <u>39,525.39</u> |

* Brought from expenditure during construction period (net) - Note 2)

a) Construction stores are net of provision for shortages pending investigation amounting to ₹ 47,35 Lakhs (31 March 2019: ₹ 54,82 Lakhs).
b) Details of borrowing costs capitalized are disclosed in note 2 (f).

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Chhast.
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

Ratio Infra Foundation Nigam Limited
Notes to the financial statements

4. Intangible Assets

| Particulars | Gross Block | | | Amortisation | | Net Block As at 31 March 2020 |
|-------------|-----------------------|-----------|------------------------------|------------------------|-------------------------------------|-------------------------------------|
| | As at 1 April 2019 | Additions | (Deductions)/ Adjustments | As at 31 March 2020 | For (Deductions)/ Adjustments | |
| Software | 26.00 | 67.56 | - | 00.40 | - | 56.81 |
| Total | 26.00 | 67.56 | - | 00.40 | - | 56.81 |

| Particulars | Gross Block | | | Amortisation | | Net Block As at 31 March 2019 |
|-------------|-----------------------|-----------|------------------------------|------------------------|-------------------------------------|-------------------------------------|
| | As at 1 April 2018 | Additions | (Deductions)/ Adjustments | As at 31 March 2019 | For (Deductions)/ Adjustments | |
| Software | 11.20 | 15.70 | - | 26.90 | - | 16.15 |
| Total | 11.20 | 15.70 | - | 26.90 | - | 16.15 |

Depreciation/amortisation of PPE and intangible assets for the year is allocated as given below

| Particulars | € Lacks | |
|--|-----------------------|-----------------------|
| | For the year ended | For the year ended |
| As per Schedule VI (Part B, 100) | 24,161.00 | 23,128.99 |
| Provision for impairment during evaluation period over 1 - 3000 (As per Schedule VI) | 452.64 | 317.06 |
| Total | 24,613.64 | 23,446.05 |

Chhetri
अपर-महाप्रबन्धक (वार्डिन्सिक)
Addl. General Manager (Commercial)
एन टी सी लिमिटेड/NTPC LIMITED

Kamli Bijler Exporters Nigam Limited
Notes to the financial statements

5. Other non current assets

| Particulars | ₹ Lakhs | |
|---|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Capital advances | | |
| Unsecured | | |
| Guaranteed by bank guarantee | | |
| Others | 4,134.83 | 1,347.79 |
| | <u>5,068.86</u> | <u>4,596.12</u> |
| Advances other than capital advances | | |
| Security deposits | | |
| Advance tax & interest deducted at source | 84.63 | 84.63 |
| Less: Provision for bad tax | 6,478.09 | 421.32 |
| Less: Carried to Current Tax Liabilities in Note 24 | 5,558.33 | - |
| Total | <u>10,200.04</u> | <u>8,590.21</u> |

(a) Advance tax includes ₹189.04 Lakhs paid during the year 2019-20 under the Scheme framed through Direct Tax Vindal or Vidhan Sabha Act, 2020 for resolution of pending disputed tax matters for the Financial Year 2011-12, 2012-13, 2013-14 and 2014-15 after satisfaction of adjusted refunds/advance taxes including tax paid under protest in earlier years. Declaration under the Scheme will be filed after lifting of lockdown imposed due to Covid-19 Crisis.

6. Inventories

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Coal | | |
| Fuel Oil | 1,394.65 | 5,029.51 |
| Stores and spares | 386.07 | 331.47 |
| Chemicals & consumables | 4,229.33 | 2,751.79 |
| Steel scrap | 320.94 | 255.50 |
| Loose tools | 78.87 | 81.97 |
| Others (refer note c below) | 10.80 | 4.20 |
| | <u>7,200.12</u> | <u>227.34</u> |
| Less: Provision for shortages | 7,610.38 | 9,867.02 |
| Less: Provision for obsolete/inventoriable items/demonstration or value of surplus inventory | 16.75 | 93.00 |
| | <u>110.07</u> | <u>10.18</u> |
| Total | <u>7,483.96</u> | <u>9,210.54</u> |

(a) Inventories include material-in-transit

| Particulars | ₹ Lakhs | |
|-------------------|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Coal | | |
| Stores and spares | | 122.08 |
| Others | 103.10 | 25.87 |
| Total | <u>60.38</u> | <u>147.95</u> |

(b) Inventory items, other than steel scrap, have been valued as per accounting policy on C.O.D basis. (c) Steel scrap has been valued at estimated realisable value.

(c) Inventories Others includes steel, cement, electrical consumables etc.

(d) Paragraph 32 of Ind AS 2, 'Inventories' includes that materials and other supplies will be valued on the basis of production of atomically pure uranium. Lower value cost of the finished products in which they will be incorporated are expected to be sold at or above cost. The Company is operating in the regulatory environment and as per CERC/FERC regulations, cost of fuel and other necessary items are recognized as per current regulations. Accordingly, the realisable value of the inventories is not lower than the cost.

(e) Refer Note 14 and 18 for inventories pledged as security by the company.

(f) Inventory recognised as expense during the year

| Particulars | ₹ Lakhs | |
|----------------------------------|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Fuel | | |
| Stores and spares (Refer Note 6) | 51,063.26 | 24,771.77 |
| | <u>192.92</u> | <u>116.55</u> |
| Total | <u>51,256.18</u> | <u>24,888.32</u> |

Chhast.
अपर-महाप्रबन्धक (वाणिज्यिक)
Add. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC Ltd 220

Kanti Bijlee Pipaloo Nigam Limited
Notes to the financial statements

7 Trade receivables

| Particulars | ₹ Lakhs | |
|---|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Trade Receivables (Unsecured, uncollateralized goods) | 71,351.04 | 30,491.20 |
| Total | 71,351.04 | 30,491.20 |

(i) Refer Note 11 and 18 for trade receivables pledged on accounts by the company.

(ii) Trade receivables include ₹ 10,085.11 Lakhs (31 March 2019: ₹ 10,018.03 Lakhs) payable from CRRC, one of the beneficiaries of Alwarthepur Thermal Power Station (MTPS) Stage-II (2 X 660 MW) from whom no payment has been received by Company in view of allocated capacity. Company has approached CRRC for settlement of disputes related to non-payment of outstanding dues on CRRC's. Company believes that CRRC is liable to make payment for all charges billed.

8 Cash and cash equivalents

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Balances with banks | | |
| Current accounts | | |
| Deposits with original maturity upto three months (including interest accrued) | 5,059.99 | 809.11 |
| | 2,617.09 | 84.00 |
| Total | 7,677.08 | 893.11 |

9 Bank balances other than cash and cash equivalents

| Particulars | ₹ Lakhs | |
|---|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Deposits with original maturity of more than three months and maturing within one year (including interest accrued) | 131.71 | 1,530.44 |
| Time-limited balances with banks | 61.41 | 210.62 |
| Total | 193.16 | 1,741.06 |

(i) Deposits with original maturity of more than three months and maturing within one year (representing ₹ 141.74 Lakhs (31 March 2019: ₹ 1,572.14 Lakhs) which has been kept in corporate liquid term deposits with bank. These deposits represent unutilized balance of equity contribution by parent company NTPC Limited to partly finance the capital expenditure of ongoing capital works at MTPS - Stage-I (2 X 660MW).

(ii) Time-limited balances with banks

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Marginal Money amount (range of credit) including interest accrued (By Asset Liability Reserve Fund (Note 13)) | 61.41 | 210.62 |
| Total | 61.41 | 210.62 |

10 Other financial assets

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Unutilized revenue (Unsecured, uncollateralized goods) | | |
| Others | 12,092.57 | 25,293.00 |
| | 527.96 | 569.20 |
| Total | 12,620.53 | 25,862.20 |

(i) Unutilized revenue is put off-credit to be passed to beneficiaries at the time of billing and includes ₹ 17,097,077.00 (31 March 2019: ₹ 25,273,330 Lakhs) billed to the beneficiaries after 31 March for energy sales.

(ii) Other financial assets (others) represent amount receivable from Prudential National Bank on account of loan facilities provided to M. Prudential Construction Co. Limited (an indirect subsidiary of the power) as per order dated 10.04.2019. MCR in consolidated financial statements.

Chhetri
अपर. महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

Kaati Bijlee Upadan Nigam Limited
Notes to the financial statements

II. Other current assets

| Particulars | ₹ Lakhs | |
|--------------------------------------|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Unsecured Advances | | |
| Employees | 1.30 | 0.33 |
| Contractors & suppliers | 2,311.95 | 2,313.34 |
| Deposited amount | 343.25 | 290.65 |
| Churns receivable | | |
| Disputed, considered good | 326.69 | 263.91 |
| Deposits with Government Authorities | 52.22 | 84.31 |
| Accept held for disposal | 0.48 | 0.45 |
| Others | 3.46 | 0.35 |
| Total | 3,639.40 | 3,805.54 |

a) Deposits with Government Authorities includes an amount of ₹ 209.98 Lakhs (31 March 2019: ₹ 209.98 Lakhs) deposited under protest to Commercial Taxes Authorities against demand for Entry Tax.

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अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

Kanti Bijlee Fertilizer Nigam Limited
Notes to the financial statements

12. Share capital

| Particulars | As at 31 March 2020 | | As at 31 March 2019 | |
|---------------------------------------|---------------------|-------------|---------------------|-------------|
| | No. of shares | ₹ Lakhs | No. of shares | ₹ Lakhs |
| Equity share capital | | | | |
| Authorised | | | | |
| Twenty shares of par value ₹10/- each | 2,00,00,00,000 | 2,00,000.00 | 2,00,00,00,000 | 2,00,000.00 |
| Issued, subscribed and fully paid up | | | | |
| Twenty shares of par value ₹10/- each | 1,56,06,73,705 | 1,56,067.37 | 1,56,06,73,705 | 1,56,067.37 |

a) Movements in equity share capital:

| Particulars | As at 31 March 2020 | | As at 31 March 2019 | |
|---|-----------------------|--------------------|-----------------------|--------------------|
| | No. of shares | ₹ Lakhs | No. of shares | ₹ Lakhs |
| At the beginning of the year | 1,51,06,73,705 | 1,51,067.37 | 1,44,50,73,205 | 1,44,507.22 |
| Issued during the year- Right Issue | 5,00,00,000 | 5,000.00 | 2,00,00,000 | 2,000.00 |
| Outstanding at the end of the year | 1,56,06,73,705 | 1,56,067.37 | 1,56,06,73,705 | 1,56,067.37 |

b) Terms and rights attached to equity shares:

The Company has only one class of equity shares having a par value ₹ 10/- per share. The holders of the equity shares are entitled to receive dividends as declared from time to time and are entitled to voting rights proportionate to their shareholding at the meetings of shareholders.

c) Details of shareholders holding more than 5% shares in the Company:

| Particulars | As at 31 March 2020 | | As at 31 March 2019 | |
|-------------------------------|---------------------|--------------|---------------------|--------------|
| | No. of shares | %age holding | No. of shares | %age holding |
| NTPC Ltd (including nominees) | 1,56,06,73,705 | 100.00 | 1,56,06,73,705 | 100.00 |

13. Other equity

| Particulars | ₹ Lakhs | |
|---|---------------------|---------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Share application money pending allotment | | |
| Retained earnings | 5,000.00 | 0.00 |
| Fly Ash Utilisation Reserve Fund | (5,028.24) | (5,325.41) |
| Total | 0.00 | (15,425.41) |

a) Share application money pending allotment

| Reconciliation | ₹ Lakhs | |
|---|----------------------------------|----------------------------------|
| | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Opening balance | | |
| Add: Share application money received during the year | 0.00 | 0.00 |
| Less: Shares issued against share application money | 10,000.00 | 7,500.00 |
| Closing balance | 5,000.00 | 0.00 |

b) Retained earnings

| Reconciliation | ₹ Lakhs | |
|---|----------------------------------|----------------------------------|
| | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Opening balance | | |
| Add: Profit/Loss for the year from Statement of Profit and Loss | (15,425.41) | (5,325.41) |
| Add: Rounding Off | 10,397.15 | 0.00 |
| Closing balance | 5,000.00 | (15,425.41) |

Chhetri
अपर. महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

Kaush Bijee Urpadan Nigam Limited
Notes to the financial statements

(v) Fly ash utilisation reserve fund

| Reconciliation | | ₹ Lakhs | |
|-----------------------------------|--|-------------------------------------|-------------------------------------|
| | | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Opening balance | | | |
| Add: Transferred during the year: | | | |
| Revenue from operations | | 166.71 | |
| Other Income | | 1.60 | |
| Less: Utilised during the year: | | | |
| Tax Expenses | | (3.00) | |
| Other administration expenses | | (93.90) | |
| Closing balance | | 61.41 | |

Pursuant to Gazette Notification dated 7 November 2009, issued by the Ministry of Environment and Forest (MoEF), Government of India (GoI), the amount collected from sale of fly ash and fly ash based products should be kept in a separate account head and shall be utilised only for the development of infrastructure or facility promotion & facilitation activities for use of fly ash until 100 percent fly ash utilisation level is achieved.

During the year, proceeds of ₹ 166.71 Lakhs (31 March 2019: ₹ Nil) from sale of fly ash, and ₹ 1.60 Lakhs (31 March 2019: ₹ Nil) from other sources have been transferred to fly ash utilisation reserve fund. An amount of ₹ 106.90 Lakhs (31 March 2019: ₹ Nil) has been utilised from fly ash reserve fund on expenses incurred for activities as specified in the aforesaid notification of MoEF.

The fund balance of ₹ 61.41 Lakhs (31 March 2019: ₹ Nil) has been kept in Bank balances other than fixed deposit/loan/advance.

12/5

Chhavi
अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

Kaati Billee Utpadan Nigam Limited
Notes to the financial statements

14. Non-current borrowings

| Particulars | ₹ Lakhs | |
|---|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Term loans | | |
| From Banks | | |
| Secured | | |
| Rupce term loan | | |
| From Others | 1,66,919.01 | 1,75,604.38 |
| Secured | | |
| Rupce term loan | 35,516.16 | 54,198.02 |
| Unsecured | | |
| Rupce term loan | 19,300.00 | 17,030.00 |
| | <u>2,41,735.17</u> | <u>2,46,832.40</u> |
| Less: Interest accrued but not due on Term Loans | 1,303.70 | |
| Less: Current maturities of term loans | | |
| From Banks | | |
| Secured rupce term loan | 16,960.44 | 16,960.44 |
| From Others | | |
| Secured rupce term loan | 3,353.62 | 7,840.62 |
| Unsecured rupce term loan | 6,433.33 | 6,050.00 |
| | <u>26,747.39</u> | <u>25,851.06</u> |
| Total | <u>2,13,684.08</u> | <u>2,20,981.34</u> |

(a) Secured term loans

(i) Loan from consortium led by State Bank of India for expansion project (2*105MW) at Kaati is secured by a first priority charge on all immovable properties, movable properties, both present & future, pertaining to project, including land measuring 975.05 acres and second charge on all inventories and receivables of the company. The security will rank pari-passu with all term lenders of the project including Coimra Bank as detailed at S No 3 below. The charge has been created in favour of Security trustee i.e. SIBB SP Trustees Company Limited. Legal mortgage of land in favour of security trustee has been executed for 377.18 acres (out of 975.05 acres) of land.

(ii) Total sanctioned amount of loan and guarantee facility is ₹ 3,01,975.00 lakhs and ₹ 10,000.00 lakhs respectively. Repayment period of the loan is 11 years and repayment has started from 30 September 2017 on quarterly basis.

(iii) The loan bears floating rate of interest linked to Base Rate of respective lenders subject to minimum interest rate of SIB one year MFLB plus 40 basis points.

(iv) In first phase the charge with Registrar of Companies (ROC) was filed on 27 September 2011 for 594.84 Acres of Land and ROC issued certificate of Registration of Mortgage on 28 September 2011. In second phase 282.14 Acres of land was mortgaged on 7 November 2011. ROC issued certificate of Registration of Mortgage on 5 December 2011, certifying that the Mortgage/charge has been registered for ₹ 244,128.00 Lakhs in their office in accordance with the provisions contained in section 175 to 176 of the Companies Act, 1956.

(v) The Company has applied for deferment of quarterly installment of ₹ 1,950.26 Lakhs due on 31st March 2020 for three months in terms of RBI Circular No RBI/2019-20/186 dated 27 March 2020. A moratorium of three months on payments of installments excluding interest component falling due between 1 March 2020 to 31 May, 2020 on term loans as mentioned at S No 3 has been granted by State Bank of India, the consortium leader. The repayment schedule has been shifted across the board by three months after the moratorium period.

(vi) The Company has had up a term loan of Rs. 13,400.00 Lakhs from Coimra Bank for R&M at Am Dylee Street-1, 100 Sq meters of Stage-II, AWRN works of Stage-I and I and C&Q works of Stage-I and Stage-II during the year. The loan amount is yet to be drawn from lender. The loan is secured by a first priority charge on all immovable properties, movable properties, both present & future, pertaining to project, including land measuring 975.05 acres and second charge on all inventories and receivables of the company. The security will rank pari-passu with all term lenders of the project as detailed at S No 3 above. The charge has been created in favour of Coimra Bank with ROC on 6 December 2019. Repayment period of the loan is 12 years and repayment will start on 1st October 2021 on quarterly basis.

(b) Unsecured term loans

(i) The Company had taken an unsecured term loan of ₹ 42,100.00 lakhs from parent company, NTPC Limited during the financial year 2017-18 bearing fixed interest rate of 10% per annum payable quarterly. The term loan was repayable in two equal half yearly instalments on 30 June 2019 and 31 December 2019. First installment of the term loan was paid on 29 December 2018 before schedule date. The loan was repaid off by way of repayment during the financial year 2019-20.

(ii) A term loan of ₹ 19,300.00 lakhs had been sanctioned by the parent company, NTPC Limited during the financial year 2017-18 bearing fixed interest rate of 10% per annum payable quarterly. The Company had drawn ₹ 3,000.00 lakhs during the financial year 2017-18, ₹ 5,000.00 lakhs during the financial year 2018-19 and remaining amount of ₹ 8,700.00 lakhs has been drawn during the financial year 2019-20. The term loan is repayable in six equal half yearly instalments starting from 30 September 2020.

(iii) A term loan of ₹ 15,000.00 Lakhs has been sanctioned by the parent company, NTPC Limited during the financial year 2019-20 bearing fixed interest rate of 10% per annum payable quarterly. The loan amount is yet to be drawn from parent company. The term loan is repayable in six equal quarterly instalments starting from 31 December 2021.

(c) There has been no default in repayment of any of the loans or interest thereon as at the end of the year.

Kanti Bijlee Upadan Nigam Limited
Notes to the financial statements

15. Other financial liabilities

| Particulars | ₹ Lakhs | |
|---------------------------------|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Other liabilities | | |
| Payable for capital expenditure | 1,697.45 | 1,218.27 |
| Total | 1,697.45 | 1,218.27 |

a) Payable for capital expenditure represents liability towards equipment suppliers and erection vendors pending evaluation of performance and guarantee test results.

16. Non-current provisions

| Particulars | ₹ Lakhs | |
|---------------------------------|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Provision for employee benefits | | |
| Leave encashment | 18.75 | 18.28 |
| Gratuity | 12.82 | 16.68 |
| Total | 31.56 | 34.96 |

a) Disclosures required by Ind AS 19 'Employee Benefits' are made in note 31.

17. Deferred tax liabilities (net)

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Deferred tax liability | | |
| Difference in book depreciation and tax depreciation | 46,102.49 | 39,924.21 |
| Less: Deferred tax asset | | |
| Unabated depreciation | 46,924.21 | 39,798.80 |
| Provisions | 78.28 | 117.07 |
| Total | - | - |

a) Disclosures required by Ind AS 12 'Income Taxes' are made in note 32.

b) Deferred tax assets and deferred tax liabilities have been offset as they relate to the same governing laws.

18. Current borrowings

| Particulars | ₹ Lakhs | |
|-----------------------------------|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Secured loans repayable on demand | | |
| From Bank | 45,982.87 | 49,165.95 |
| Total | 45,982.87 | 49,165.95 |

a) The loan is secured by hypothecation of trade receivables and inventories of the company.

b) The loan is secured by second charges on all immovable properties/ movable properties, both present & future, pertaining to project, including land measuring 925.65 acres.

c) The loan bears a floating rate of interest linked to three months MCLR of Commercial (31 March 2019: One Month MCLR of Commercial).

d) There has been no default in repayment of any of the loans or interest thereon during the year.

[Signature]

Chheda
अपर-महाप्रबन्धक (वाणिज्यिक)
Add. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

Kanti Bifer Upadan Nigam Limited
Notes to the financial statements

19 Trade payables

| Particulars | ₹ Lakh | |
|--|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| For goods and services | | |
| Total outstanding dues of micro and small enterprises | 605.48 | 483.08 |
| Total outstanding dues of creditors other than micro and small enterprises | 16,403.48 | 16,027.08 |
| Total | 17,008.96 | 16,510.16 |

(a) Refer note no. 35 for amounts due to related parties

(b) Disclosures as required under Companies Act, 2013/MSME/Act, 2006 are provided in Note 32

(c) Outstanding dues other than micro and small enterprises includes ₹ 54,841 lakhs (31 March 2019: ₹ 50,146 lakhs) payable to parent company

20 Other financial liabilities

| Particulars | ₹ Lakh | |
|--|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Current maturities of term loan | | |
| From Banks | | |
| Secured (spec) term loan | | |
| From Others | 16,960.44 | 16,360.44 |
| Secured (spec) term loan | | |
| Unsecured (spec) term loan | 3,353.62 | 2,340.62 |
| Interest accrued but not due on Term Loans | 6,433.33 | 6,050.00 |
| Payable for capital expenditure | 1,303.70 | - |
| Total outstanding dues of micro and small enterprises | 971.42 | 926.34 |
| Total outstanding dues of creditors other than micro and small enterprises | 26,420.80 | 24,236.37 |
| Other payables | | |
| Deposits from contractors and others | | |
| Parent company | 97.72 | 81.28 |
| Payable to employees | 10,734.92 | 9,098.99 |
| Others | 41.87 | 35.17 |
| | 1,661.42 | 1,120.21 |
| Total | 67,979.23 | 59,925.54 |

(a) Details in respect of rate of interest and terms of repayment of current maturities of secured and unsecured long term borrowings indicated above are disclosed in note 14

(b) Figures as at 31 March 2019 has been re-arranged to enhance comparability with current year Financial Statements

(c) Disclosures as required under Companies Act, 2013/MSME/Act, 2006 are provided in Note 32

21 Other current liabilities

| Particulars | ₹ Lakh | |
|---|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Tax deducted at source and other statutory dues | 319.03 | 227.52 |
| Advance from Customers | 144.70 | 77.69 |
| Total | 463.73 | 305.21 |

22 Short-term provisions

| Particulars | ₹ Lakh | |
|--|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Provision for employee benefits | | |
| Leave encashment | 7.92 | 6.34 |
| Gratuity | 7.58 | 6.63 |
| Other provisions | | |
| Provisions for obligations incidental to land acquisition | 1,534.86 | 1,347.74 |
| Short-term provisions - plant and equipment purchase investments | 2.27 | 11.61 |
| Total | 1,547.53 | 1,365.68 |

Chhast.
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Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements

a) Provisions required by Ind AS 19 "Employee Benefits" are made in case of

b) **Provision for obligations incidental to land acquisition** includes expenditure on rehabilitation & resettlement (R&R) including the amount payable to the project affected persons (PAPs) towards expenditure for providing community facilities and expenditure in connection with environmental aspects of the project. Company has estimated the provision based on the Rehabilitation Action Plan (RAP) approved by the board/competent authority. The outflow of said provision is expected to be incurred immediately on fulfilment of conditions.

Movements in provisions for obligations incidental to land acquisitions

| Reconciliation | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Carrying amount at the beginning of the year | | |
| Add: Additions during the year | 1,647.34 | 1,260.17 |
| Less: Amounts used during the year | 112.48 | 182.07 |
| Carrying amount at the end of the year | 1,534.86 | 1,078.10 |

c) **Movement in provisions for shortages in property, plant and equipment pending investigations**

| Reconciliation | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Carrying amount at the beginning of the year | | |
| Add: Additions during the year | 176.84 | 76.94 |
| Less: Amounts used during the year | | 149.90 |
| Carrying amount at the end of the year | 176.84 | 26.94 |

d) The assumptions made for provisions relating to current period are consistent with those in the earlier years. The assumptions and estimates used for recognition of such provisions are qualitative in nature and their likelihood could alter in next financial year. It is impracticable for the company to compute the possible effect of assumptions and estimates made in recognizing these provisions.

23. Current tax liabilities

| Particulars | ₹ Lakhs | |
|------------------------------|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Provision for income tax | | |
| Less: Tax deducted at source | - | 7,961.41 |
| | | 7.99 |
| Total | - | 2,955.15 |

24. Deferred revenue

| Particulars | ₹ Lakhs | |
|---------------------------------|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| On account of government grants | | |
| | 19,075.05 | 23,568.55 |
| Total | 19,075.05 | 23,568.55 |

a) Government grants represents amount received from Government of India through Government of Bihar under Rashtriya Saur Yojna (RSY) for renovation and modernisation of stage I (2*110 MW)

b) There are no unfulfilled conditions or other contingencies attached to above grant

Movements in government grants:

| Particulars | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Carrying amount at the beginning of the year | | |
| Add: Additional grant received during the year | 23,568.55 | 21,748.36 |
| Less: Grant recognised as income during the year | | 3,055.00 |
| Carrying amount at the end of the year | 19,075.05 | 18,693.36 |

अपर. महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी सी लिमिटेड/NTPC LIMITED

Kaati Hupay Upatan Nigam Limited
Notes to the financial statements

25. Revenue from operations

| Particulars | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
|--|-------------------------------------|-------------------------------------|
| Sales | | |
| Energy Sales | | |
| Sale of Fly Ash | 1,64,215.46 | 1,36,207.83 |
| Sale of fly ash with products | | |
| Less: Transferred to the Add'l Infra cost Reserve Fund | (166.71) | |
| Other Operating Income | | |
| Recognized from deferred revenue - government grant | | |
| Income from customers | 4,093.50 | 2,114.46 |
| Intentional Consumption of Power | 281.78 | |
| Total | 1,69,082.55 | 1,60,526.29 |

- a) The CTRC has issued Tender Order for MTPS Stage-II (2*105 MW) on 29 April 2019 for the period up to 31 March 2019 and with commencement dated 1 June 2019. Sales (net of credit) for the financial year 2019-20 has been provisionally accounted at ₹ 74,80,572.45 Lakhs (31 March 2019: ₹ 403 Lakhs) for MTPS Stage-II based on this order.
- b) The CTRC has issued a continuation on 4 June 2019 on the order dated 29 April 2019 to complete MTPS Stage-II for period up to 31 March 2019. Accordingly energy sales includes sales (net of credit) of ₹ 2,96,891 Lakhs as differential for the previous years.
- c) The CTRC has issued tender order for the period up to 31 March 2019 in respect of MTPS Stage-II (2*105 MW) on 27 January 2020. Sales (net of credit) for the financial year 2019-20 has been provisionally accounted at ₹ 33,166.80 Lakhs for MTPS Stage-I based on this order. Accordingly energy sales includes sales (net of credit) of ₹ 2,454.27 Lakhs as differential for the previous years.
- d) Revenue from operations include ₹ 91.80 lakhs (31 March 2019: ₹ 113.77 lakhs) towards energy minimally consumed, valued at variable cost of generation and the corresponding amount is included in power charges (note-30).
- e) Refer note 43 for detailed disclosure in respect of revenue from contract with customer.

26. Other income

| Particulars | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
|---|-------------------------------------|-------------------------------------|
| Interest from | | |
| Advances to contractors | | |
| Deposits with banks | 304.82 | 1,76.74 |
| Deposits with banks - Fixed deposit/reverse fund | 2.72 | 0.26 |
| Less: Transferred to the Add'l Infra cost Reserve Fund | (1.69) | |
| Other non-operating income | | |
| Profit on disposal of PPE | | |
| Provision written back - Shortage in Fixed Asset | 6.88 | |
| Provision written back - Shortage in Stock | 174.58 | |
| Scrap Sales | 63.20 | |
| Miscellaneous income | 22.28 | 92.55 |
| | 104.68 | 120.40 |
| Less: Transferred to expenditure during construction period (note: Note 31) | (52.66) | (42.73) |
| Total | 104.82 | 126.81 |
| | 107.94 | 119.21 |

- a) Miscellaneous income includes liabilities written back, gift recoveries from employees and others, liquidated damages, etc.

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अपर. महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी सी लिमिटेड / NTPC LIMITED

Kazim Bijla Upadan Nigam Limited
Notes to the financial statements

27. Employee benefits expense

| Particulars | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Salaries and Wages | 6,037.49 | 6,312.63 |
| Contribution to provident and other funds | 1,274.73 | 1,700.04 |
| Staff welfare expenses | 671.00 | 672.96 |
| | <u>7,983.22</u> | <u>8,685.63</u> |
| Less: Allocated to fuel cost | 309.48 | 274.28 |
| Less: Transferred to expenditure during construction period (note 31) | | |
| Total | <u>7,673.74</u> | <u>8,411.35</u> |

As in accordance with the Accounting Policy (note 4) to note 15, an amount of ₹ 1,017.21 Lakhs (31 March 2019: ₹ 934.90 Lakhs) towards provident fund, pension, gratuity, post retirement medical facilities & other terminal benefits paid ₹ 983.18 Lakhs (31 March 2019: ₹ 1,407.17 Lakhs) towards leave & other benefits, are paid/ payable to the parent company, NTPC Limited and included in Employee Benefits Expense.

In Discharge required by Ind AS 19 Employee Benefits are made in note 34.

28. Finance costs

| Particulars | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Finance charges on financial liabilities measured at amortised cost: | | |
| - Bank term loans | 22,278.85 | 23,133.12 |
| - Cash credit | 3,816.39 | 3,096.60 |
| - Others | 28.04 | 100.11 |
| - (Provisioning) of the court on vendor liabilities | (13.57) | 37.32 |
| | <u>26,109.66</u> | <u>26,467.15</u> |
| Less: Transferred to expenditure during construction period (note 31) | 1,477.44 | 1,149.91 |
| Total | <u>24,632.22</u> | <u>25,317.24</u> |

As Finance for the year ended 31 March 2019 has been re-arranged to enhance comparability with current year Financial Statements.

29. Depreciation and amortization expense

| Particulars | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| On property, plant and equipment- Note 2 | 24,990.74 | 23,434.78 |
| On intangible assets- Note 2 | 22.90 | 8.29 |
| | <u>24,913.64</u> | <u>23,443.07</u> |
| Less: Transferred to expenditure during construction period (note 31) | | |
| Less: Allocated to fuel cost | 457.64 | 32.36 |
| Total | <u>24,456.00</u> | <u>23,410.71</u> |

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Add. General Manager (Commercial)
एन टी सी लिमिटेड/NTPC LIMITED

Kaati Brijee Upadan Nigam Limited
Notes to the financial statements

10 Other expenses

| Particulars | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
|---|-------------------------------------|-------------------------------------|
| Power charges | 80,510 | 133,271 |
| Less: Recovered from contractors & employees | 6,311 | 1,000 |
| Waste charges | 458.76 | 678.04 |
| Stamp charges | 790.61 | 137,664 |
| Repairs & maintenance | 482.92 | 77,000 |
| Buildings | 129.02 | 372.42 |
| Machinery | 5,128.69 | 1,760,831 |
| Others | 6,49.43 | 2,93,95 |
| Load dispatch centre charges | 37.69 | 27.92 |
| Insurance | 804.20 | 98,954 |
| Interest on investments | 4,307.67 | - |
| Rates and taxes | 19.18 | 13.12 |
| Printing & advertisement expenses | 28.90 | 47.60 |
| Communication expenses | 112.44 | 61,588 |
| Inter-Travel | 338.08 | 4,91,24 |
| Intra-Travel | 0.45 | - |
| Banker expenses | 5.36 | 24.98 |
| Less: Receipt from sale of tenders | 0.98 | 0.11 |
| Payment to auditors | 4.41 | 2,482 |
| Advertisement and publicity | 4.87 | 3.43 |
| Security expenses | 0.11 | 1.36 |
| Entertainment expenses | 2,094.05 | 3,36,404 |
| Expenses for guest homes | 78.27 | 76.67 |
| Less: Recoveries | 82.68 | 29.72 |
| Ad. abolition & marketing expenses | 82.68 | 32.77 |
| Professional charges and consultancy fee | 93.90 | 2.31 |
| Travel expenses | 884.24 | 12,627 |
| FFR line and other charges | 128.59 | 63.73 |
| Stationery and stationery | - | 3.98 |
| Printing and stationery | 12.37 | 13.98 |
| Line charge of vehicles | 105.73 | 12,38 |
| N. Hays (charge on foreign currency transactions & translations) | 14.24 | - |
| Inter-part Vehicle running expenses | 73.60 | 8.18 |
| Hotel/Hotel expenses | 17.14 | 51.19 |
| Dormitory charges | 5.58 | 80.11 |
| Miscellaneous Expenses | 166.29 | 1,99,59 |
| Loss on disposal/write-off of PPE | 402.81 | - |
| | 10,827.16 | 10,533.80 |
| Less: Allocated to fuel cost | 756.22 | 678.85 |
| Less: Transferred to Debit deficiency reserve fund | 93.90 | - |
| Less: Transferred to expenditure during construction period (net) (Note 11) | 273.29 | - |
| | 15,703.76 | 11,213.14 |
| Corporate Social Responsibility (CSR) expense | - | 709.40 |
| Provision for | - | - |
| Shortage in stores | 16.75 | 81.63 |
| Shortage in property, plant and equipment | - | 1,29,00 |
| Obsolete determination in the value of surplus stock | 68.68 | 0.42 |
| Shortage in construction stores | 47.85 | - |
| | 15,820.04 | 11,613.14 |

(a) Interest on bank deposits, repayments ₹ 4,002,833 (Note 11) March 2019 & 7,703,000 (net amount) 2018 & 4,000,000 (net amount) from Finance and Investment Company of India Ltd. in respect of MTPS Stage I dated 27 January, 2019 and the same is applicable to March 2019.

(b) Figures for the year ended 31 March 2019 have been re-arranged to compare comparability with current year figures of Maharashtra.

(c) Water charges includes ₹ 259.34 Lakhs provided for water drawn from Hulla Gandhi State during the year 2018-19.

(d) Miscellaneous expenses includes bank charges, brokerage, R/O, Clinics etc.

(e) Details in respect of provision to auditors (disclosure at GST)

| As audited | | |
|-------------------------------|------|------|
| Audit fee | 1.68 | 2.00 |
| Travel audit fees | 0.43 | 0.51 |
| Travel expenses | 1.66 | 1.76 |
| In other capacity | - | - |
| Other terms & conditions etc. | 1.69 | 2.13 |
| Reimbursement of expenses | 0.12 | - |
| Total | 4.57 | 6.40 |

Kanti Bijlee Tapsolan Nigam Limited
Notes to the financial statements

3) Expenditure during construction period (net)

| Particulars | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
|---|-------------------------------------|-------------------------------------|
| A. Employee benefits expense | | |
| Total (A) | | |
| B. Finance costs | | |
| Interest on | | |
| Borrowings | 1,461.97 | 8,449.36 |
| Contingency of discount on account of vendor liabilities | 13.37 | 19.14 |
| Total (B) | 1,475.34 | 8,468.50 |
| C. Depreciation and amortisation | | |
| D. Generation, administration & other expenses | | |
| Power charges | 273.29 | - |
| Total (D) | 273.29 | - |
| E. Less: Other income | | |
| Interest from contractors | 304.82 | 170.21 |
| Total (E) | 304.82 | 170.21 |
| Grand total (A+B-C+D-E) | 1,443.81 | 8,638.71 |

* Carried to Capital work-in-progress - Note 3

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अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

32 Fair Value Measurements

a) Financial instruments by category

All financial assets and liabilities viz. trade receivables, cash and cash equivalents, borrowings, trade payables, employee related liabilities, payable to related parties, deposits from contractors and suppliers and payable for expenses are measured at amortized cost.

b) Fair value hierarchy

To provide an indication about the reliability of the inputs used in determining fair value of financial instruments measured at amortized cost for which fair value is being disclosed, the company has classified these into levels prescribed under the fair ASC 17. Fair value measurement details of which are as under:

| Financial liabilities which are measured at amortized cost for which fair values are disclosed | Level 2* | |
|--|--------------------|--------------------|
| | As at | As at |
| | 31 March 2020 | 31 March 2019 |
| Repo term loan | | |
| Payable for capital expenditure | 2,49,629.73 | 2,44,152.90 |
| | 1,975.83 | 1,692.31 |
| Total | 2,51,605.56 | 2,45,845.21 |

* Level 2: The fair value of financial instruments that are not traded in an active market is determined using valuation techniques which maximize the use of observable market data and rely as little as possible on entity specific estimates. If all significant inputs required to fair value an instrument are observable, the instrument is included in level 2.

c) Fair value of financial liabilities measured at amortized cost

| Particulars | ₹ Lakhs | | | |
|---------------------------------|---------------------|--------------------|---------------------|--------------------|
| | As at 31 March 2020 | | As at 31 March 2019 | |
| | Carrying amount | Fair value | Carrying amount | Fair value |
| Repo term loan | 2,44,745.17 | 2,49,629.73 | 2,46,152.90 | 2,44,152.90 |
| Payable for capital expenditure | 1,697.45 | 1,975.83 | 1,218.27 | 1,692.31 |
| Total | 2,46,442.62 | 2,51,605.56 | 2,47,371.17 | 2,45,845.21 |

The carrying amounts of short term trade receivables, cash and cash equivalents, borrowings, trade payables, employee related liabilities, payable to related parties, deposits from contractors and suppliers and payable for expenses are considered to be the same as their fair values due to their short-term nature. The fair values for these term loans and payable for capital expenditure were calculated based on cash flows discounted using a current term rate. They are classified as level 2 fair values in the fair value hierarchy due to the use of observable market inputs.

33 Financial risk management

The Company's principal financial liabilities comprise loans in domestic currency and payable for capital expenditure. The main purpose of these financial liabilities is to finance the Company's operations. The Company's principal financial assets include cash and short term deposits. This note provides information about the Company's exposure to each of the above risks, the Company's objectives, policies and processes for measuring and managing risk.

The Company is exposed to the following risks from its use of financial instruments:

- Credit risk
- Liquidity risk
- Market risk

a) Credit risk

Credit risk is the risk of financial loss to the Company if a customer or counterparty to a financial instrument fails to meet its contractual obligations resulting in a financial loss to the Company. It arises principally from loans and advances, cash and cash equivalents and deposits with banks and financial institutions.

Trade receivables and Unbilled Revenue

The Company primarily sells electricity to bulk customers comprising mainly Haryana owned by State Governments. The risk of default in case of power supplied to these state owned companies is considered to be insignificant. The Company has not experienced any significant exposures losses in respect of trade receivables in the past years. A default occurs when in the view of management there is no significant possibility of recovery of receivables after considering all available options for recovery.

Cash and cash equivalents and Deposits with banks

The company deposits its operations with State Bank of India and Citibank, which are scheduled banks and are covered by Government. The risk of default with state controlled entities is considered to be insignificant.

b) Exposure to credit risk

The carrying amount of financial assets represents the maximum credit exposure. The maximum exposure to credit risk at the reporting date was:

| Particulars | ₹ Lakhs | |
|---|------------------|------------------|
| | As at | As at |
| | 31 March 2020 | 31 March 2019 |
| Financial assets for which loss allowance is measured using lifetime Expected Credit Losses (LTL) | | |
| Trade Receivables | | |
| Unbilled Revenue | 71,551.04 | 46,690.28 |
| | 12,093.87 | 27,21,100 |
| Financial assets for which loss allowance is measured using 12 months Expected Credit Losses (LECL) | | |
| Cash and cash equivalents | | |
| Bank balances other than cash and cash equivalents | 7,677.08 | 682.14 |
| Other financial assets | 191.16 | 1,42,147 |
| | 127.96 | 1,62.76 |
| Total | 92,043.30 | 47,33,114 |

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Kaati Bhoje Upadhat Nigam Limited
Notes to the financial statements

(ii) Provision for expected credit losses

Financial assets for which loss allowance is measured using lifetime expected credit losses

The Company has customers (Government) address with capacity to meet the obligations and therefore the risk of default is negligible, as the further management believes that the unimpaired amounts that are past due by more than 90 days are still collectible in full. Hence, no impairment loss has been recognised in respect of trade receivables.

Financial assets for which loss allowance is measured using 12 months expected credit losses

The company has trade receivables and other assets where the counter parties have strong capacity to meet the obligations and hence the risk of default is very low. Hence based on historic default rates, the Company believes that no impairment allowance is necessary in respect of above quantities of financial assets.

(iii) Ageing analysis of trade receivables

The ageing analysis of the trade receivables is as follows:

| Ageing | 0-30 days past due | 31-60 days past due | 61-90 days past due | 91-120 days past due | More than 120 days past due | Total |
|---------------------|--------------------|---------------------|---------------------|----------------------|-----------------------------|-----------|
| As at 31 March 2020 | 12,516.35 | 2,886.31 | 12,427.74 | 10,796.82 | 42,724.82 | 71,351.04 |
| As at 31 March 2019 | 24,007.24 | 7,680.68 | 2,158.14 | 2,177.41 | 6,291.86 | 38,325.33 |

(iv) Liquidity risk

Liquidity risk is the risk that the Company will encounter difficulty in meeting the obligations associated with its financial liabilities that are settled by delivering cash or another financial asset. The Company's approach to managing liquidity is to ensure, as far as possible, that it will always have sufficient liquidity to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Company's reputation.

The Company has an appropriate liquidity risk management framework for the management of short, medium and long term liquidity and financing requirements. The Company manages liquidity risk by maintaining adequate cash reserves, banking facilities and reserve borrowing facilities by continuously monitoring forecast and actual cash flows and matching the maturity profiles of financial assets and liabilities.

The Company's treasury department is responsible for managing the short term and long term liquidity requirements of the Company. Short term liquidity position is reviewed daily by Treasury. The Board of directors has established policies to manage liquidity risk and the Company's treasury department operates in line with such policies. Any breaches of these policies are reported to the Board of Directors. Long term liquidity position is reviewed on a regular basis by the Board of Directors and appropriate decisions are taken according to the situation.

Typically the Company ensures that it has sufficient cash on demand to meet expected operational expenses for a period of 90 days, including the servicing of financial obligations. This includes the potential impact of extreme circumstances that cannot reasonably be predicted, such as natural disasters.

(v) Financing arrangements

The company had access to the following undrawn borrowing facilities at the end of the reporting period:

| Particulars | ₹ Lakhs | |
|---------------------------------|---------------------|---------------|
| | As at 31 March 2020 | 31 March 2019 |
| Floating-rate borrowings | | |
| Term loans | 1,91,860.53 | 83,546.20 |
| Fixed-rate borrowings | | |
| Term loans | 15,000.00 | 3,130.00 |

(vi) Maturities of financial liabilities

The following are the contractual maturities of financial liabilities, based on contractual cash flows:

| As at 31 March 2020 | | | | | | |
|---|--------------------|------------------|------------------|------------------|--------------------|--------------------|
| Contractual maturities of financial liabilities | 3 months or less | 3-12 months | 1-2 years | 2-5 years | More than 5 years | Total |
| Repay term loan from banks | 5,124.41 | 12,720.35 | 19,960.44 | 90,313.44 | 51,891.15 | 1,66,919.82 |
| Repay term loan from others | 1,129.86 | 2,043.46 | 3,782.62 | 13,969.22 | 54,154.01 | 55,519.16 |
| Repay term loan from NTPC Limited | - | 6,433.33 | 6,433.34 | 6,433.34 | - | 19,300.00 |
| Trade Payables | 18,587.68 | - | - | - | - | 18,587.68 |
| Payable for Capital Expenditure | 27,392.22 | - | 1,691.44 | - | - | 29,083.66 |
| Loans repayable on demand from bank | 43,907.87 | - | - | - | - | 43,907.87 |
| Deposits from contractors and others | 97.72 | - | - | - | - | 97.72 |
| Payable to related parties | 11,356.20 | - | - | - | - | 11,356.20 |
| Payable to employees | 41.87 | - | - | - | - | 41.87 |
| Others | 1,661.42 | - | - | - | - | 1,661.42 |
| Total | 1,09,174.93 | 21,797.14 | 28,874.84 | 70,552.94 | 1,15,955.16 | 3,46,355.59 |

| As at 31 March 2019 | | | | | | |
|---|--------------------|------------------|------------------|------------------|--------------------|--------------------|
| Contractual maturities of financial liabilities | 3 months or less | 3-12 months | 1-2 years | 2-5 years | More than 5 years | Total |
| Repay term loan from banks | 3,210.11 | 12,720.73 | 10,960.44 | 48,612.94 | 95,016.54 | 1,75,600.80 |
| Repay term loan from others | 710.18 | 2,130.16 | 4,020.40 | 10,016.00 | 37,977.94 | 54,494.92 |
| Repay term loan from NTPC Limited | - | 6,071.70 | 1,666.94 | 7,333.44 | - | 17,059.00 |
| Trade Payables | 16,542.41 | - | - | - | - | 16,542.41 |
| Payable for Capital Expenditure | 28,712.32 | - | 1,218.27 | - | - | 29,930.59 |
| Loans repayable on demand from bank | 19,165.95 | - | - | - | - | 19,165.95 |
| Deposits from contractors and others | 84.28 | - | - | - | - | 84.28 |
| Payable to related parties | 9,962.64 | - | - | - | - | 9,962.64 |
| Payable to employees | 92.11 | - | - | - | - | 92.11 |
| Others | 1,451.24 | - | - | - | - | 1,451.24 |
| Total | 1,08,896.76 | 20,982.79 | 24,586.68 | 68,993.42 | 1,30,004.52 | 3,19,498.07 |

Kaanti Bhojra Upadhyay Nigam Limited
Notes to the financial statements

(i) Market risk

Market risk is the risk that changes in market prices, such as foreign exchange rates, interest rates, and equity prices will affect the Company's income or the value of its holdings of financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimising the return.

The Board of Directors is responsible for setting up of policies and procedures to manage market risks of the company. At present, any gain or loss on account of exchange rate variation shall be recognised in the statement of profit and loss after declaration of Dividend of Operation (Date of VOD).

(ii) Currency risk

The Company secures import agreements for the purpose of purchase of capital goods. Up to March 31, 2019 on all the date of commercial operation wherever it carries. Company capitalised the exchange gain/loss on account of re-valuation/actual payment of the vendor liabilities. Such capital cost is allowed by UAR as necessary from beneficiaries. From 1 April 2019 exchange gain/loss on long term foreign currency liability were still be treated from beneficiaries as a part of cost regulated asset. Hence there is no risk in case of foreign exchange fluctuation on long term foreign currency liability. The exposure in case of foreign exchange gain/loss on short term foreign currency monetary items is considered to be insignificant.

The currency profile of financial assets and financial liabilities are as below:

| Particulars | As at 31 March 2020 | | | As at 31 March 2019 | | |
|---------------------------------|---------------------|-------|-------|---------------------|-------|-------|
| | USD | JPY | Total | USD | JPY | Total |
| Financial Liabilities | | | | | | |
| Payable for capital expenditure | 52.68 | 44.35 | 97.03 | 44.49 | 38.70 | 83.19 |

Sensitivity analysis

Since the impact of strengthening or weakening of Indian rupee (₹) against USD and JPY on the statement of profit and loss would not be very significant, therefore, sensitivity analysis for currency risk is not disclosed.

Interest rate risk

The Company is exposed to interest rate risk arising from long term borrowing with floating interest rate. The Company is exposed to interest rate risk because the cash flows associated with floating rate borrowing will fluctuate with changes in interest rate.

Refer note 14 and 18 for interest rate profile of the Company's interest-bearing financial instrument at the reporting date.

Cash flow sensitivity analysis for variable-rate instruments

A change of 50 basis points in interest rates at the reporting date would have increased (decreased) CWP and/or profit or loss (Before tax) by the amounts shown below. This analysis assumes that all other variables remain constant. The analysis is performed on the same basis for the previous year.

| Particulars | For the year ended 31 March 2020 | | For the year ended 31 March 2019 | |
|-------------------|----------------------------------|----------------|----------------------------------|----------------|
| | 50 bp increase | 50 bp decrease | 50 bp increase | 50 bp decrease |
| 5-year term loans | | | | |
| Cash credit | 1,118.88 | (1,118.88) | 1,262.33 | (1,262.33) |
| | 219.33 | (219.33) | 185.45 | (185.45) |

If the above mentioned increase in the interest expense, major portion will be recognised in statement of profit and loss.

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Karni Brijee Utpadan Nigam Limited
Notes to the financial statements

34 Employee benefits

(i) Employees on secondment from parent company NTPC Limited

(a) Defined contribution plans:

In accordance with the Accounting Policy on 1.16 (note-1), an amount of ₹ 1,032.21 Lakhs (31 March 2019: ₹ 938.90 Lakhs) towards provident fund, pension, gratuity, post retirement medical facilities & other terminal benefits and ₹ 583.18 Lakhs (31 March 2019: ₹ 593.17 Lakhs) towards leave & other benefits, are paid/payable to the parent company NTPC Limited and included in Employee benefits expense.

(ii) Employees on the roll of the Company

(a) Defined contribution plans:

The company deposits contribution for Provident Fund in funds administered and managed by Government. During the year, amount of ₹ 1.84 Lakhs (31 March 2019: ₹ 1.95 Lakhs) is recognized as employee benefit expense.

(b) Defined benefit plan (Gratuity):

The Company operates an unfunded gratuity plan which provides lump sum benefits linked to the qualifying salary and completed years of service with the Company at the time of separation. Every employee who has completed 5 years of continuous service is entitled to receive gratuity at the time of his superannuation or separation from the organisation, whichever is earlier. The gratuity benefit due is payable to any employee, is computed in accordance with the provisions of "The Payment of Gratuity Act, 1972".

Based on the actuarial valuation report, the following tables set out the status of the gratuity plan and the amounts recognized in the Company's financial statements as at balance sheet date.

(i) Defined benefit liability

| Particulars | ₹ Lakhs | |
|-------------------------------|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Provision for gratuity | | |
| Non-current | 12.82 | 16.68 |
| Current | 7.58 | 5.63 |
| Total | 20.40 | 22.31 |

(ii) Movement in net defined benefit liability

| Particulars | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Opening balance | 22.31 | - |
| Included in profit or loss: | | |
| Current service cost | 1.54 | 2.62 |
| Past service cost | - | 19.69 |
| Interest cost/income | 1.73 | - |
| Total amount recognized in profit or loss | 3.27 | 22.31 |
| Included in OCI: | | |
| Remeasurement loss/(gain) arising from: | | |
| Financial assumptions | 0.60 | - |
| Demographic assumptions | 0.01 | - |
| Experience adjustment | 0.26 | - |
| Return on plan assets excluding interest income | - | - |
| Total amount recognized in OCI | 0.88 | - |
| Contributions from the employee | - | - |
| Benefits paid | 6.96 | - |
| Closing balance | 20.40 | 22.31 |

(iii) Plan assets

The company does not have any plan assets.

(iv) Actuarial assumptions

The following were the principal actuarial assumptions at the reporting date:

| Particulars | As at | |
|---|-----------------|-----------------|
| | 31 March 2020 | 31 March 2019 |
| Discount rate | 6.75% | 7.35% |
| Salary escalation rate | 6.50% | 6.50% |
| Retirement age (years) | 60 years | 59 years |
| Mortality rates inclusive of progression for disabilities | IAI M (2012-14) | IAI M (2006-08) |
| Withdrawal rate | | |
| Up to 50 years | 3.00% | 3.00% |
| From 51 to 64 years | 2.00% | 2.00% |
| Above 64 years | 1.00% | 1.00% |

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Nandi Billee Utpadan Nigam Limited
Notes to the financial statements

The principal assumptions are the discount rate & salary growth rate. The discount rate is based upon the market yields available on Government bonds at the accounting date relevant to currency of benefit payments for a term that matches the liabilities. Salary growth rate is company's long term best estimate as to salary increases and takes account of inflation, seniority, promotion, business plan, HR policy and other relevant factors on long term basis as provided in relevant accounting standard.

Attrition rates are the company's best estimate of employee turnover in future determined considering factors such as nature of business and industry, retention policy, demand and supply in employment market, standing of the company, business plan, HR Policy etc. as provided in the relevant accounting standard.

(v) Sensitivity analysis

Significant actuarial assumptions for the determination of the defined benefit obligation are discount rate and expected salary increase. The sensitivity analyses below have been determined based on reasonably possible changes of the assumptions occurring at the end of the reporting period, while holding all other assumptions constant.

| Particulars | ₹ Lakhs | |
|--------------------------------------|----------|----------|
| | Increase | Decrease |
| As at 31-March 2020 | | |
| Discount rate (1% movement) | (0.61) | 0.63 |
| Salary escalation rate (1% movement) | 0.63 | (0.62) |
| As at 31 March 2019 | | |
| Discount rate (1% movement) | 10.41 | 0.13 |
| Salary escalation rate (1% movement) | 0.33 | (0.32) |

Sensitivities due to mortality and withdrawals are not material and hence impact of change due to these are not calculated. Sensitivities as a result of increase of pensions in payment, rate of increase of pensions before retirement and life expectancy are not applicable.

(vi) Risk exposure

Salary Increases: Actual salary increases will increase the Plan's liability. Increase in salary increase rate assumption in future valuations will also increase the liability.

Investment Risk: If Plan is funded then assets liabilities mismatch & actual investment return (return lower than the discount rate assumed) at the last valuation date can impact the liability.

Discount Rate: Reduction in discount rate in subsequent valuations can increase the plan's liability.

Mortality & disability: Actual deaths & disability cases proving lower or higher than assumed in the valuation can impact the liability.

Withdrawals: Actual withdrawals proving higher or lower than assumed withdrawals and change of withdrawal rates in subsequent valuations can impact Plan's liability.

(vii) Expected maturity analysis of the gratuity benefits is as follows

| Particulars | ₹ Lakhs | |
|-------------------|------------------------|---------------|
| | As at 31 March 2020 | 31 March 2019 |
| Less than 1 year | 7.58 | 3.63 |
| Between 1-3 years | 0.24 | 0.29 |
| Between 3-5 years | 7.36 | 11.57 |
| Over 5 years | 5.21 | 4.82 |
| Total | 20.39 | 20.31 |

Expected contributions to post-employment benefit plans for the year ending 31 March 2021 are ₹ 2.69 Lakhs.

The weighted average duration of the defined benefit plan obligation at the end of the reporting period is 3.35 years.

c) Other long-term employee benefit plans:

Compensated Absence

The company provides for earned leave benefit which accrues at 30 days per year. The earned leaves are accumulative which on cessation or separation, total number of leaves that can be accumulated are 300 days. The scheme is unfunded and liability for the same is recognised on the basis of actuarial valuation. Since the compensated absences do not fall due wholly within twelve months after the end of the period in which the employees render the related service and are also not expected to be utilized wholly within twelve months after the end of such period, the benefit is classified as a long-term employee benefit.

A provision of ₹ 26.60 Lakhs (31 March 2019: ₹ 24.50 Lakhs) for the year has been made on the basis of actuarial valuation at the year end and debited to the Statement of Profit and Loss.

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अपर-महाप्रबन्धक (वाणिज्यिक)
Add. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

Kamli Bijlee Upadan Nigam Limited
Notes to the financial statements

35. Related party disclosures

a) List of Related parties:

(i) Parent Company:

NTPC Limited

(ii) Joint venture/Subsidiary of parent company:

Unity Powercoch Limited

(iii) Key Managerial Personnel (KMP):

| | | |
|----------------------------|--------------------------|---|
| Shri P. K. Deka | Chairman (Non-Executive) | |
| Shri P. Anand | Non-Executive Director | upto 16 August 2019 |
| Shri R. V. Krishnaman | Non-Executive Director | upto 16 August 2019 |
| Shri Ajay Dha | Non-Executive Director | |
| Shri M. P. Sinha | Non-Executive Director | upto 27 April 2019 |
| Shri. Sangeta Bhatia | Non-Executive Director | upto 9 October 2019 |
| Shri S. Narasimha | Non-Executive Director | upto 4 May 2018 |
| Shri Shobha Parthasarathan | Non-Executive Director | upto 1 November 2019 |
| Shri P. K. Saha | Chief Security Officer | upto 21 July 2019 |
| Shri S. Ganeshwar | Chief Executive Officer | upto 25 July 2019 upto 17 August 2019 |
| Shri U. Hanumanth | Chief Executive Officer | upto 17 August 2019 upto 17 February 2020 |
| Shri Subrata Mondal | Chief Executive Officer | upto 18 February 2020 |
| Shri V. K. Mittal | Chief Finance Officer | |
| Mrs. Ruchi Aggarwal | Company Secretary | upto 16 March 2020 |

(iv) Entities under the control of the same government:

The Company is a subsidiary of Central Public Sector Undertaking (CPSU) controlled by Central Government by holding 100% shares till March 2019. 100% shares) Pursuant to Paragraph 25 & 26 of Ind AS 24, entities over which the same government has control or joint control of, or significant influence, than the reporting entity and other entities shall be regarded as related parties. The Company has applied the exemption available for government related entities and hence made limited disclosures in the financial statements. Such entities with which the Company has significant transactions include but not limited to Indian Coalfields Ltd., Bharat Petroleum Corporation Ltd., Indian Petroleum Corporation Ltd., Central Coalfields Ltd., Bharat Heavy Electricals Ltd., BHEL Ltd. etc.

b) Transactions with the related parties are as follows:

| Name of related party | Nature of transaction | ₹ Lakhs | |
|--|----------------------------|-------------------------------------|-------------------------------------|
| | | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Transactions with parent company | | | |
| NTPC Limited | Equity contribution | 10,000.00 | 2,500.00 |
| NTPC Limited | Equity share repaid | 5,000.00 | 1,500.00 |
| NTPC Limited | Unsecured loan taken | 8,300.00 | 3,000.00 |
| NTPC Limited | Unsecured loan repaid | 6,050.00 | 6,000.00 |
| NTPC Limited | Deputation of employees | 1,919.64 | 1,024.58 |
| NTPC Limited | Consultancy services | 21.38 | 280.72 |
| NTPC Limited | Purchase of PPE | | 62.84 |
| Transactions with joint venture/ subsidiary of parent company | | | |
| Unity Powercoch Limited | Management supply services | 2,229.46 | 2,287.89 |
| Transactions with subsidiary of shareholder | | | |
| SHDCE* | Sales of power | | 58,322.98 |
| SHDCE* | Sales of power | | 65,319.99 |

*SHDCE and SHDCE were subsidiary of shareholder M/s. BSNL up to 29 June 2019. Accordingly current year transactions are not reported.

| Name of related party | Nature of transaction | ₹ Lakhs | |
|--|--------------------------------------|-------------------------------------|-------------------------------------|
| | | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Transactions with entities under the control of the same government | | | |
| Indian Coalfields Ltd. | Purchase of coal | 4,941.51 | 19,517.02 |
| Bharat Petroleum Corporation Ltd. | Purchase of LDO | 1,296.19 | 1,919.44 |
| Indian Petroleum Corporation Ltd. | Purchase of LDO | 27.06 | 27.13 |
| Central Coalfields Ltd. | Purchase of coal | 49,952.05 | 58,795.79 |
| Bharat Heavy Electricals Ltd. | Purchase of capital goods & services | 1,543.81 | 432.31 |
| BHEL Ltd. | Technical consultancy services | 2,207.06 | 411.58 |

Kaati Bijlee Utpadan Nigam Limited
Notes to the financial statements

| Compensation to Key Managerial Personnel | | ₹ Lakhs | |
|--|--------------------------|-------------------------------------|-------------------------------------|
| Name | Nature of compensation | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Prabhat Kumar Sinha | Short term benefits | - | 17.23 |
| Prabhat Kumar Sinha | Post retirement benefits | - | 1.13 |
| Prabhat Kumar Sinha | Other Long term benefits | - | 4.47 |
| S. Ganesanlar | Short term benefits | - | 2.94 |
| S. Ganesanlar | Post retirement benefits | - | 0.26 |
| S. Ganesanlar | Other Long term benefits | - | 1.28 |
| U. Hanjraje | Short term benefits | 49.26 | 76.49 |
| U. Hanjraje | Post retirement benefits | 3.25 | 1.74 |
| U. Hanjraje | Other Long term benefits | 10.29 | 15.09 |
| Sobota Manoj | Short term benefits | 2.86 | - |
| Sobota Manoj | Post retirement benefits | 0.42 | - |
| Sobota Manoj | Other Long term benefits | 2.96 | - |
| V.K. Mittal | Short term benefits | 55.96 | 60.96 |
| V.K. Mittal | Post retirement benefits | 3.52 | 3.04 |
| V.K. Mittal | Other Long term benefits | 11.10 | 31.30 |
| Total | | 141.61 | 160.76 |

(c) Outstanding balances with related parties are as follows:

| Particulars | ₹ Lakhs | |
|---|------------------------|---------------|
| | As at 31 March 2020 | 31 March 2019 |
| Amount receivable for sale/purchase of goods and services | | |
| - From NTPCL | - | 13,000.33 |
| - From SAPPCL | - | 21,341.74 |
| Amount payable for unsecured term loans | | |
| - To NTPC Limited | 19,000.00 | 17,620.00 |
| Amount payable for sale/purchase of goods and services | | |
| - To NTPC Limited | 10,789.75 | 9,600.00 |
| - To Utility Powertech Limited | 366.44 | 3,000.00 |

*NTPCL and SAPPCL were subsidiary of stateholder M/s DSSPCCL upto 29 June 2018. Accordingly current year transactions are not reported.

(d) Terms and conditions of transactions with the related parties:

- Transactions with the related parties are made on mutual commercial terms and conditions and at market rates.
- The Company is assigned jobs on contract basis, for masonry works in plant/station offices to M/s Utility Powertech Ltd (UPL), a 50:50 joint venture between NTPC Ltd and Reliance Infrastructure Ltd (RIL). Inter-relationship jobs such as maintenance, repair, rehabilitation of various mechanical and electrical equipments at power stations. The Company has entered into Power Station Office Maintenance Agreement with UPL from time to time. The rates are fixed on cost plus basis after mutual discussion and after taking into account the
- The parent company NTPC Limited has succeeded its permit to the company as per the terms and conditions agreed between the companies, which are similar to those applicable for subcontract of employees to other companies and contractors. The cost incurred by NTPC Limited towards superannuation and employee benefits are recovered from the company. The loan taken from NTPC Limited, is on

36. Disclosure as per Ind AS 33 on Earnings per share:

| Particulars | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
|--|-------------------------------------|-------------------------------------|
| Basic earnings per share (₹) | 0.67 | 0.68 |
| Diluted earnings per share (₹) | 0.67 | 0.67 |
| Nominal value per share (₹) | 10.00 | 10.00 |
| (a) Profit attributable to equity shareholders of Entity | 10,497.15 | 8,818.80 |
| (b) Weighted average number of equity shares | | |
| Opening balance of issued equity shares | 1,51,06,73,705 | 1,43,96,18,000 |
| Effect of shares issued during the year (A) (B) | 3,97,55,270 | 1,46,26,071 |
| Weighted average number of equity shares for Basic EPS | 1,55,04,28,975 | 1,45,42,24,071 |
| Opening balance of issued equity shares | 1,51,06,73,705 | 1,41,96,18,000 |
| Effect of shares issued during the year (A) (B) | 3,21,52,544 | 1,19,94,071 |
| Weighted average number of equity shares for Diluted EPS | 1,55,28,26,249 | 1,43,16,12,071 |

37. Information in respect of micro and small enterprises as required by Micro, Small and Medium Enterprises Development Act, 2006

| Particulars | ₹ Lakhs | |
|---|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| (a) Amount remaining unpaid to any supplier: | | |
| Principal amount | 1,576.90 | 1,136.37 |
| Interest due thereon | 19.16 | 17.34 |
| (b) Amount of interest paid in terms of Section 16 of the MSME Act, 2006 along with the amount paid to the suppliers beyond the approved day | | |
| (c) Amount of interest due and payable for the period of delay in making payments (which have been paid but beyond the approved day during the year) but without adding the interest specified under the MSME Act, 2006 | | |
| (d) Amount of interest accrued and remaining unpaid | 19.16 | 17.34 |
| (e) Amount of further interest remaining due and payable even in the succeeding years and such debt when the interest dues as above are actually paid to the small enterprises, for the purpose of disallowances as a deductible expenditure under Section 23 of MSME Act, 2006 | | |

38. Disclosure as per Ind AS 116 Leases

a) Transition to Ind AS 116

- (i) Effective 1 April 2019, the Company adopted Ind AS 116 Leases and applied the standard to all lease contracts existing on 1 April 2019, using the modified retrospective method. Accordingly, the comparatives as at and for the year ended 31 March 2019 have not been restated. On the date of initial application, the Company recorded the lease liability at the present value of the remaining lease payments discounted at the incremental borrowing rate at the date of initial application and a corresponding right-of-use asset adjusted for the amount of prepaid or accrued payments on the lease.
- (ii) The Company has applied the following practical expedients on initial application of Ind AS 116:
- Applied the exemption not to recognize right-of-use assets and liabilities for leases with less than 12 months of lease term on the date of initial application.
 - Included the initial direct costs, if any, from the measurement of the right-of-use asset at the date of initial application.
 - Decided to use the practical expedient not to apply this Standard to contracts that were not previously identified as leases under Ind AS 17. Accordingly, Ind AS 116 is applied only to contracts that were previously identified as leases under Ind AS 17. For a detailed transitional scheme determining the lease term, if the contract contains options to extend or terminate the lease.
- (iii) On transition to Ind AS 116, the Company has reclassified leasehold land amounting to ₹ 1,841.25 Lakhs and presented as Right-of-use assets on the Balance Sheet.

b) Company as Lessee

- (i) The Company acquires land on leasehold basis for a period generally ranging from 20 years to 99 years from through the government authorities which can be renewed further based on mutually agreed terms and conditions. The leases are non cancellable. The Right-of-use land is amortised considering the significant accounting policies of the Company.
- (ii) The following are the amounts recognised in the statement of profit or loss:

| Particulars | ₹ Lakhs | |
|--|-------------------------------------|--------|
| | For the Year ended 31 March 2020 | |
| Depreciation expense for right-of-use assets | | 221.19 |

- (iii) Expenses paid on operating lease on the premises for residential use of the employees amounting to ₹ 261 Lakhs (31 March 2019: ₹ 0) (4) Land (as detailed in note no. 2)

39. Capital Management

The Company's objectives when managing capital are to:

Safeguard its ability to continue as a going concern, so that it can continue to provide returns for shareholders and benefits for other stakeholders and maintain an appropriate capital structure of debt and equity.

The Board of Directors has the primary responsibility to maintain a strong capital base and reduce the cost of capital through prudent management in deployment of funds and leveraging opportunities in domestic and international financial markets in accordance with its vision, strategy and market confidence and to sustain future development of the business.

The Company monitors capital, using a medium term view of three to five years, on the basis of a number of financial ratios generally used by industry and by the rating agencies. The Company is not subject to externally imposed capital requirements.

The company monitors capital using gearing ratio which is net debt divided by total equity. Net debt comprises of net operating lease, non-leasing, less cash and cash equivalent. Equity includes equity share capital and reserves that are managed as capital. The ratio for the end of the reporting periods was as follows:

| Particulars | ₹ Lakhs | |
|--------------------------------|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Borrowings | 2,87,718.04 | 2,87,826.25 |
| Less: Cash and cash equivalent | 7,677.08 | 9,937.11 |
| Net debt | 2,80,040.96 | 2,77,889.14 |
| Total equity | 1,26,105.53 | 1,43,032.86 |
| Net debt to equity ratio | 2.22 | 1.94 |

Kanti Bijlee Upadan Nigam Limited
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40. Disclosure as per Ind AS 37 on 'Provisions, Contingent Liabilities and Contingent Assets'

Contingent Liability

a) Arbitration/Civil court cases against the company in respect of capital works:

Some contractors for supply and installation of equipment and execution of works at our project have made claims on the Company for ₹ 29,686.53 Lakhs (31 March 2019: ₹ 45,142.80 Lakhs) seeking revision of F2 rate for supply contract and execution contract, reimbursement of F3, payment of price with compensation, compensation for the extended period of work, site charges etc. These claims are being contested by the company as being not admissible in terms of the provisions of the respective contracts. The company is pursuing various options under the dispute resolution mechanism available in the contracts for settlement of these claims.

b) Disputed Income Tax/Sales Tax/Excise Matters:

Disputed income tax demand amounting to ₹ 748.96 Lakhs (31 March 2019: ₹ 729.51 Lakhs) in respect of interest and penalty on differential Entry Tax on purchase of F40 and Suel pertaining to FY 2007-08, 2008-09, 2009-10, 2010-11, 2011-12 & 2012-13 is pending before different authorities of Commercial Tax.

c) Others:

Other contingent liabilities amount to ₹ 1,151,75 Lakhs (31 March 2019: ₹ 18,644.42 Lakhs) relating to Writor Clauses, Individual Obligations, compensation cases for under utilization of By ash and Labour Court cases.

Capital and other commitments

Estimated amount of contracts remaining to be executed on capital works account and not provided for as at 31 March 2020 is ₹ 57,198.29 Lakhs (31 March 2019: ₹ 64,876.88 Lakhs).

Contingent asset

CEEC (Terms & Conditions of Fuel) Regulations 2014-19 and 2019-20 provide for levy of Late Payment Surcharge by generating company in case of delay in payment by beneficiaries beyond 60 days from the date of presentation of bill. Such charge income is recognised only when no significant uncertainty of ultimate collection exists. Accordingly, late payment surcharge of ₹ 26,477.05 Lakhs (31 March 2019: ₹ 9,905.19 Lakhs) has not been recognised.

41. Operating segment

The Company's Board of Directors have been identified as the Chief Operating Decision Maker (CODM) as the operator of the management, there is no reportable segment ("Generation of energy"). Accordingly, no separate disclosure for segment reporting is required to be made in the financial statements of the Company. Further, the Company operates only in one geographical segment which is

Entity wide disclosures

a) Information about products and services

The Company is involved in the generation and sale of bulk power to State Power Utilities.

b) Information about geographical areas

The entire sales of the Company are made to customers which are domiciled in India. Also, all the non-current assets of the Company are located within India.

c) Information about major customers (from external customers)

Revenue from customers which is more than 10% of the Company's total revenues are as under:-

| Name of the Customers | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
|-----------------------|-------------------------------------|-------------------------------------|
| NBPCC | 89,896.71 | 58,322.04 |
| SRPCC | 70,144.36 | 58,148.99 |
| | <u>1,30,041.07</u> | <u>1,26,469.93</u> |

42. Income taxes

a) Income tax recognised in Statement of Profit and Loss

| Particulars | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
|--|-------------------------------------|-------------------------------------|
| Current tax expense | | |
| Current tax | 2,268.48 | 2,810.17 |
| Withholding tax on interest | 457.81 | |
| Total | <u>2,726.29</u> | <u>2,810.17</u> |
| Deferred tax expense (MAT Credit entitlement) | | |
| Origination of temporary differences | | |
| Total | | |
| Total income tax expense | <u>2,726.29</u> | <u>2,810.17</u> |


अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

Kaati Bigha Uranjan Nigam Limited
Notes to the financial statements

b) Reconciliation of tax expense and the accounting profit multiplied by India's domestic tax rate

| Particulars | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Current tax expense | | |
| Profit before tax | | |
| Tax at Company's domestic tax rate of 41.944% | 1,114.18 | 1,269.97 |
| Tax effect of: | 4,586.11 | 3,438.25 |
| Deduction in account of MAT rate | | |
| Non-Deductible tax expenses | (1,293.06) | (1,309.26) |
| Provision for tax liability | 9.82 | 30.96 |
| Temporary differences not recognised in books of accounts | 157.83 | - |
| Total | 2,726.31 | 2,429.92 |

c) Movement in deferred tax balances

For the year ended 31 March 2020

| Particulars | ₹ Lakhs | | |
|--|-----------------|----------------------------------|-----------------|
| | Opening balance | Recognised in profit and loss | Closing balance |
| Deferred tax liability | | | |
| Difference in book depreciation and tax depreciation | 49,925.87 | 6,126.61 | 46,002.49 |
| Less: Deferred tax asset | | | |
| Unabsorbed depreciation | 49,778.80 | 6,245.43 | 46,024.21 |
| Provisions | 147.07 | 168.29 | 78.29 |
| Deferred tax liabilities (net) | | | |

For the year ended 31 March 2019:

| Particulars | ₹ Lakhs | | |
|--|-----------------|----------------------------------|-----------------|
| | Opening balance | Recognised in profit and loss | Closing balance |
| Deferred tax liability | | | |
| Difference in book depreciation and tax depreciation | | 49,925.87 | 49,925.87 |
| Less: Deferred tax asset | | | |
| Unabsorbed depreciation | | 49,778.80 | 49,778.80 |
| Provisions | | 147.07 | 147.07 |
| Deferred tax liabilities (net) | | | |

d) The Company has not recognised deferred tax asset of ₹ 10,110.28 Lakhs as 31 March 2019. ₹ 71.63 Lakhs, representing carryover of unabsorbed profit against with/with deferred tax asset can be subject on unabsorbed depreciation. In terms of provisions of Section 105A, unabsorbed depreciation can be carried forward indefinitely for set off.

4) Revenue from contracts with customers

a) Nature of goods and services

The revenue of the Company comes from energy sales. The Company sells electricity to bulk consumers, mainly power utilities, owned by State Governments as well as private Discoms operating in States. Sale of electricity is primarily made pursuant to long-term Power Purchase Agreements (PPAs) entered into with the beneficiaries.

Nature, timing of satisfaction of performance obligations and significant payment terms

The Company recognises revenue from contracts for energy sales over time as the customer simultaneously receives and consumes the benefits provided by the Company. The tariff for computing revenue from energy sales is determined in terms of CERC Regulations as notified from time to time. The amount of revenue recognised for energy sales is adjusted for variable considerations, where applicable, which are estimated based on the historical data available with the Company. The amounts are billed on a monthly basis and received in installments within contractually agreed credit period.


 अपर महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड / NTPC LIMITED

Kanti Rider Upadhyay Nigam Limited
Notes to the financial statements

b) Disaggregation of revenue

In the following table, revenue is disaggregated on the basis of major customers and timing of revenue recognition

| Particulars | ₹ Lakhs | |
|--------------------------------------|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2020 | For the year ended 31 March 2019 |
| Major customers | | |
| NTPCL | | |
| SIPLCL | 59,896.71 | 58,322.92 |
| Others | 70,343.36 | 25,346.09 |
| Total | 1,41,74.09 | 29,011.71 |
| | 1,64,215.46 | 1,50,107.62 |
| Timing of revenue recognition | | |
| Over time | | |
| At a point in time | 1,64,215.46 | 1,36,107.62 |
| Total | 1,64,215.46 | 1,36,107.62 |

c) Contract balances

Contract assets are recognised when there is excess of revenue billed over billings on contracts. Contract assets are classified as unbilled revenue when there is unconditional right to receive cash, and only passage of time is required in per contractual terms. The contract liabilities primarily relate to the advance consideration received from the customers which are related to advance from customers.

The following table provides information about receivables and contract assets from contracts with customers

| Particulars | ₹ Lakhs | |
|------------------------|------------------------|------------------------|
| | As at 31 March 2020 | As at 31 March 2019 |
| Trade receivables | | |
| Unbilled revenue | 71,351.04 | 68,097.29 |
| Advance from customers | 12,092.57 | 28,233.80 |
| | 144.70 | 77.69 |

During the year ended 31 March 2020 ₹ 28,233.80 Lakhs of unbilled revenue as of 31 April 2019 has been reclassified in trade receivables upon billing to customers as per payment terms defined in respective agreements. There is no other significant change in the contract balance during the year ended 31 March 2020.

The amount of revenue recognised in 2019, 2018 on performance obligations satisfied (or partially satisfied) in previous periods mainly due to revenue of convergence of Tariff Order dated 29 April 2019 in respect of MTPS Stage 0 (12*105 MW) and Tariff order in respect of MTPS Stage 1 (12*110 MW) dated 22 January 2020, of ₹ 2,25,39.89 Lakhs and ₹ 2,2,454.22 Lakhs respectively.

d) Reconciliation of revenue recognised with contract price:

| Particulars | ₹ Lakhs | |
|---------------------------|-------------------------------------|-------------------|
| | For the year ended 31 March 2020 | |
| Contract price | | |
| Adjustments | | 1,41,74.09 |
| Revenue recognised | | 1,41,74.09 |

e) Applying the practical expedients as given in Ind AS 115:

i) The Company does not expect to have any contracts where the period between the transfer of the promised goods or services to the customer and payment by the customer exceeds one year. As a consequence, the Company does not adjust any of the transaction prices for the time value of money.

ii) The Company has not disclosed the remaining performance obligation related disclosures for contracts where the revenue recognition corresponds directly with the value to the customer of the entity's performance completed to date.

iii) The Company has not incurred any incremental costs of obtaining contracts with a customer and therefore, not recognised an asset for such.

4) Covid-19 Disclosure

a) Due to outbreak of COVID-19 globally and in India, the Company has made initial assessment of its likely adverse impact on revenues and financial risks.

The Company is in the business of generation and sale of electricity which is an essential service as emphasised by the Ministry of Power, Government of India. The Company has ensured the availability of its power plant to generate power and has continued to supply power during the period of lockdown. However, for the short-term period the demand on power is expected to be lower and accordingly, the Company has to operate its power plants at lower load factor.

Chhavi
अपर. महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

Kanti Bijlee Utpadan Nigam Limited
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16) The Company received notices of force majeure from some Distribution Companies (DISCOMs) in April 2020, causing some the deferral of payments and payment of capacity/other charges etc. due to the operation of force majeure clause of the Power Purchase Agreements (PPAs). It was clarified to all such DISCOMs that the said deferral is not considered under force majeure clause, considering electricity falls under essential services. The Ministry of Power Government of India has clarified on 3 April 2020 that DISCOMs will have to comply with the obligation to pay fixed capacity charges as per PPA. The Company is having sufficient stock at hand and has also planned for adequate availability of coal to maintain the required supply of electricity.

Ministry of Power (MoP)'s vide letter dated 28 March 2020 directed CERC to reduce the rate of late payment surcharge of PSC for the payments which became delayed beyond a period of 15 days from the date of presentation of the bill during the period from 21 March 2020 to 30 June 2020, to contain the impact of COVID-19. On the directions of MoP, CERC issued order dated 3 April 2020 with further clarifications on 8 April 2020, whereby it was directed that PSC shall apply at a reduced rate of 1% instead of normal rate of 4%, the payments to remain outstanding during the said period. Due to the above, there is no impact on the profits for the year ended 31 March 2020.

MoP's vide communication dated 14 May 2020 and further clarifications dated 16 May 2020, has informed that in light of the announcements under the Atma Nirbhar Bharat special economic and comprehensive package including liquidity infusion of ₹ 10,000 Crores to DISCOMs against receivables and loans to be granted against State Guarantees for exclusive purpose of addressing liquidity of DISCOMs to power generating companies and also giving rebate to DISCOMs by Central Power Generating Companies for providing coal to the final consumers, it has been decided that all Central Public Sector Generating Companies may consider to offer following rebate to DISCOMs for the lockdown period.

- Deferral of capacity charges for power not scheduled, to be payable without interest after the end of the lockdown period in three equal monthly instalments.
- Rebate of about 20-25% on power supply billed (fixed cost) to DISCOMs.

Keeping in view the above, the Company shall allow rebate to DISCOMs during the year 2020-21.

The Company believes that the impact is likely to be short term in nature. Moreover, the above referred economic and comprehensive package is expected to improve the realisation of the company against the outstanding dues of DISCOMs due to liquidity infusion.

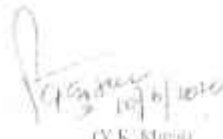
17) Further, the Reserve Bank of India, vide Circular dated 27 March 2020 has granted relief to borrowers by way of moratorium of interest and principal instalments falling due to banks and financial institution till 31 May 2020. This will largely mitigate the stress on cash flows at any, during the period of COVID-19. Pursuant to the above, the company had initially sought moratorium on payment of instalments amounting to ₹ 1,090.264 lakhs and interest payments amounting to ₹ 1,625.27 Lakhs falling due on 31 March 2020 (1 April 2020 on term loans availed from banks and financial institutions). Accordingly, instalments amounting to ₹ 1,090.264 lakhs due on 31 March 2020 and interest payments amounting to ₹ 1,625.27 Lakhs due on 1 April 2020 were deferred. However, subsequently, it was decided to pay the interest deferred which was paid on 2 and 3 April 2020 and continue to pay the instalments falling due to finance while adhering the requirements of loan covenants.


18) The Internal Control over Financial Reporting has not been affected despite the country level lockdown since the company has been functioning under SAP ERP platform for more than 12 years. Moreover, the company has also implemented ERP (Inventory, Risk and Compliance) system which enforces various systems of process controls through automated monitoring/review in internal control system. During the lockdown period, the company has already initiated and implemented remote working model. In addition, the Company has implemented a paperless office model through Productive and Digital Initiative to become Paperless (PRMP). The implementation of paperless office model has ensured smooth working of routine functions during the lockdown period.

The management does not anticipate any material to long term risks in the Company's ability to continue as a going concern and meeting its liabilities as and when they fall due. Further, the management has estimated its future cash flows which indicates no major change in the financial performance as estimated prior to COVID-19 impact.

19) The company does not maintain cash book since it does not have dealing in cash transactions.

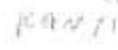
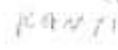
For and on behalf of the Board of Directors


 C.K. Mittal
 CFO


 S. K. Mittal
 (S. Mandal)
 CFO


 A. J. Datta
 Director


 Anand
 Chairman

Place: 
 Date: 

These are the notes referred to in Balance Sheet and Statement of Profit and Loss.

For A.R. Sarda & Co.
 Chartered Accountants

Name: Kanti Sarda
 Partner
 Membership No.: 129603
 Firm Reg. No.: 1003200
 Place:
 Date:


अपर-महाप्रबन्धक (वाणिज्यिक)
Add. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

BS (FY 20-21)

Kanti Bijlee Utpadan Nigam Limited
Regd. Office: NTPC, Bheasan, Stope Complex, 7, Institutional Area, Lodhi Road, New Delhi-110003

BALANCE SHEET

| Particulars | Note No. | ₹ Lakhs | |
|--|----------|------------------------|------------------------|
| | | As at 31 March 2021 | As at 31 March 2020 |
| ASSETS | | | |
| Non-current assets | | | |
| Property, plant and equipment | 7 | 349,923.17 | 369,370.40 |
| Capital work-in-progress | 3 | 45,544.51 | 40,783.69 |
| Intangible assets | 4 | 29.67 | 50.81 |
| Other non-current assets | 5 | 10,730.94 | 10,200.04 |
| Total non-current assets | | 406,228.29 | 420,410.94 |
| Current assets | | | |
| Inventories | 6 | 12,409.09 | 7,482.96 |
| Financial Assets | | | |
| Trade Receivables | 7 | 82,509.26 | 71,351.04 |
| Cash and cash equivalents | 8 | 7,035.65 | 7,677.98 |
| Bank balances other than cash and cash equivalents | 9 | 443.16 | 193.16 |
| Other financial assets | 10 | 16,367.73 | 12,820.53 |
| Other current assets | 11 | 4,216.71 | 3,639.40 |
| Total current assets | | 122,982.60 | 103,165.17 |
| TOTAL ASSETS | | 529,210.89 | 523,576.10 |
| EQUITY AND LIABILITIES | | | |
| Equity | | | |
| Equity share capital | 12 | 161,067.37 | 156,067.37 |
| Other equity | 13 | 14,492.81 | 33.18 |
| Total equity | | 175,560.18 | 156,100.55 |
| Liabilities | | | |
| Non-current liabilities | | | |
| Financial liabilities | | | |
| Borrowings | 14 | 196,436.06 | 213,684.08 |
| Other financial liabilities | 15 | 2,078.14 | 1,697.45 |
| Provisions | 16 | 24.50 | 12.81 |
| Deferred tax liabilities (net) | 17 | - | - |
| Other non-current liabilities | 18 | 4,484.58 | 13,433.74 |
| Total non-current liabilities | | 203,023.28 | 228,828.08 |
| Current liabilities | | | |
| Financial liabilities | | | |
| Borrowing | 19 | 43,576.93 | 43,982.87 |
| Trade payables | 20 | - | - |
| Total outstanding dues of micro and small enterprises | | 633.64 | 593.48 |
| Total outstanding dues of creditors other than micro and small enterprises | | 22,200.33 | 16,403.48 |
| Other financial liabilities | 21 | 73,093.18 | 67,979.23 |
| Other current liabilities | 22 | 9,578.97 | 6,083.04 |
| Provisions | 23 | 1,547.68 | 1,571.27 |
| Total current liabilities | | 150,630.73 | 138,627.47 |
| TOTAL EQUITY AND LIABILITIES | | 529,210.89 | 523,576.10 |
| Significant accounting policies | 1 | | |

The accompanying notes 1 to 30 form an integral part of these financial statements.

For and on behalf of the Board of Directors


(Priyanka Sethi)
CS


(R. Bhattacharya)
CFO


(Suvash Chandra Naik)
CEO


(Ajay Dua)
Director


(Kamlesh Babu V)
Chairman

Place: KANTHI
Date: 12.06.2021

New Delhi
12/06/2021

New Delhi
12/06/2021

This is the Balance Sheet referred to in our report of even date.

For A.R. Sureka & Co.
Chartered Accountants

NEERAJ
KUMAR
SUREKA

Digitally signed by
NEERAJ KUMAR
SUREKA
Date: 2021.06.12
11:02:48 +05:30'

Neeraj Kumar Sureka
Partner
Membership No. : 056920
Firm Reg. No. : 000360C
Place :
Date :


अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

Kanti Bijlee Upadan Nigam Limited

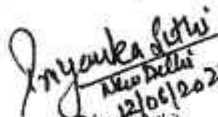
Regd. Office: NTPC Bhawan, Scope Complex, 7, Institutional Area, Lodhi Road, New Delhi-110003

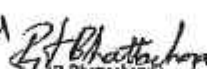
STATEMENT OF PROFIT AND LOSS


| Particulars | Note No. | ₹ Lakhs | |
|--|----------|-------------------------------------|-------------------------------------|
| | | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Revenue | | | |
| Revenue from operations | 24 | 150,985.13 | 169,082.53 |
| Other income | 25 | 504.95 | 447.84 |
| Total Revenue | | 151,490.08 | 169,530.39 |
| Expenses | | | |
| Fuel Cost | 26 | 67,461.16 | 84,063.26 |
| Employee benefits expense | 27 | 8,332.90 | 7,663.69 |
| Finance costs | 28 | 22,796.70 | 24,689.22 |
| Depreciation and amortization expense | 29 | 25,204.14 | 24,161.00 |
| Other expenses | 30 | 11,331.71 | 15,829.04 |
| Total expenses | | 135,026.61 | 156,406.21 |
| Profit before tax | | 16,463.47 | 13,124.18 |
| Tax expense | | | |
| Current tax | 42 | | |
| Current Year | | 2,890.83 | 2,268.48 |
| Earlier Years | | 120.24 | 457.83 |
| Deferred tax | | - | - |
| Total tax expense | | 3,010.27 | 2,726.31 |
| Profit for the year | | 13,453.20 | 10,397.87 |
| Other comprehensive income/ (expense) | | | |
| Items that will not be reclassified to profit or loss and its related income tax effects | | | |
| - Remeasurement gains/ (losses) on defined benefit plan | | (7.35) | (0.87) |
| - Less: Income tax relating to items that will not be reclassified to profit or loss | | (1.28) | (0.15) |
| Other comprehensive income/(expense) for the year, net of income tax | | (6.07) | (0.72) |
| Total comprehensive income for the year | | 13,447.13 | 10,397.15 |
| Earnings per equity share (Par value ₹ 10/- each) | | | |
| From operations including regulatory deferral account balances | | | |
| Basic Earning Per Share (₹) | 35 | 0.84 | 0.67 |
| Diluted Earning Per Share (₹) | | 0.83 | 0.67 |
| Significant accounting policies | | | |
| Expenditure during construction period (net) | 31 | | |


The accompanying notes 1 to 50 form an integral part of these financial statements.


For and on behalf of the Board of Directors


 (Priyanka Sethi)
 CS
 Place: KANTI
 Date: 12.06.2021.


 (R. Bhattacharya)
 CFO


 (Suvash Chandra Malik)
 CEO


 (Ajay Das)
 Director
 New Delhi
 12/06/2021


 (Ramesh Babu V)
 Chairman
 New Delhi
 12/06/2021

This is the Statement of Profit and Loss referred to in our report of even date.

For A.R. Sureka & Co.
Chartered Accountants

Neeraj Kumar Sureka
Partner
Membership No. : 056920
Firm Reg. No. : 000360C
Place :
Date :

NEERAJ
KUMAR
SUREKA
Digitally signed
by NEERAJ
KUMAR SUREKA
Date: 2021.06.17
11:21:18 +05'30'


 अपर. महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड / NTPC LIMITED

CASH FLOW STATEMENT

| Particulars | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| A. Cash Flow From Operating Activities | | |
| Profit before tax and regulatory deferral account balances | 16,463.47 | 13,124.18 |
| Adjustment for | | |
| Depreciation/ Amortisation | 25,204.14 | 24,161.00 |
| Fly Ash (Utilisation Reserve Fund) | 12.21 | 74.42 |
| Other Comprehensive Losses | (6.07) | (0.72) |
| Profit on disposal of PPE | - | (0.38) |
| Net loss/(gain) in foreign currency transactions & translations | 6.98 | 14.24 |
| Loss on disposal/write-off of PPE | 347.91 | 402.81 |
| Interest Cost | 22,796.70 | 24,689.22 |
| Grants adjusted tax income | (5,621.31) | (4,493.50) |
| Operating Profit/ (loss) before working capital changes | 59,204.03 | 57,971.26 |
| Adjustment for - | | |
| Inventory | (4,925.13) | 2,235.67 |
| Trade Receivable | (11,158.22) | (32,959.74) |
| Other Current Financial Asset | (3,547.20) | 13,090.53 |
| Other Current Asset | (577.31) | 226.41 |
| Trade Payables | 5,818.03 | (411.34) |
| Other Current financial liabilities | 321.84 | 464.57 |
| Other Current liabilities | 146.08 | 108.51 |
| Provisions | (12.81) | (286.79) |
| Cash generated from operations | 45,270.11 | 40,439.09 |
| Less: Income tax paid | 2,890.13 | 6,098.46 |
| Net cash inflow from operating activities [A] | 42,379.98 | 34,340.63 |
| B. Cash Flow From Investment Activities | | |
| Purchase of fixed assets & CWIP | (14,463.95) | (5,583.45) |
| Net investment / (redemption) of bank deposits | (250.00) | 1,663.87 |
| Net cash outflow from investing activities [B] | (14,713.95) | (3,919.57) |
| C. Cash Flow From Financing Activities | | |
| Proceeds from issue of shares | - | 5,000.00 |
| Proceeds from share Application Money | 6,000.00 | 5,000.00 |
| Net proceeds from non current borrowings | (9,047.59) | (5,721.83) |
| Net proceeds from current borrowings | (2,405.94) | (3,183.08) |
| Interest paid | (22,852.92) | (24,431.18) |
| Net cash inflow / (Outflow) from financing activities [C] | (28,306.45) | (23,736.09) |
| Net increase/(decrease) in cash and cash equivalents [A+B+C] | (648.42) | 6,684.97 |
| Cash and Cash equivalents at the beginning of the year | 7,677.08 | 992.11 |
| Cash and Cash equivalents at the end of the year | 7,028.66 | 7,677.08 |

Chh...
अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

Rf.

Kanti Bijlee Utpadan Nigam Limited
Notes to statement of cash flows

- a) Cash and cash equivalents consist of balances with banks and deposits with original maturity of upto three months.
b) Reconciliation of cash and cash equivalents:

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Balances with banks | | |
| Current accounts | 207.32 | 5,059.99 |
| Deposits with original maturity upto three months (including interest accrued) | 6,829.33 | 2,617.09 |
| Cash and cash equivalents as per note-8 | 7,036.65 | 7,677.08 |

- c) Reconciliation between the opening and closing balances in the balance sheet for liabilities arising from financing activities:

| Particulars | ₹ Lakhs | |
|---|------------------------|--------------------|
| | Non-current borrowings | Current borrowings |
| For the year ended 31 March 2021 | | |
| Balance as at 1 April 2020 | 241,735.17 | 45,982.87 |
| Loan draws | 20,850.00 | (2,405.94) |
| Loan repayments | (29,897.59) | - |
| Interest accrued during the year | 21,186.50 | 3,127.44 |
| Interest payment during the year | (22,490.20) | (3,127.44) |
| Balance as at 31 March 2021 | 231,383.88 | 43,576.93 |
| For the year ended 31 March 2020 | | |
| Balance as at 1 April 2019 | 246,153.30 | 49,165.95 |
| Loan draws | 15,273.86 | (3,183.08) |
| Loan repayments | (20,995.69) | - |
| Interest accrued during the year | 22,278.85 | 3,816.39 |
| Interest payment during the year | (20,975.16) | (3,816.39) |
| Balance as at 31 March 2020 | 241,735.17 | 45,982.87 |

For and on behalf of the Board of Directors

Priyanka Sethi
New Delhi
12/06/2021
CS
Place: KANTI
Date: 12.06.2021

R. Bhattacharya
CFO

Suvasish Chandra Naik
CEO

Ajay Dua
Director
New Delhi
12/06/2021

Balwesh Bahu V
Chairman
New Delhi
12/06/2021

This is the Statement of cash flows referred to in our report of even date.

For A.R. Sureka & Co.
Chartered Accountants
NEERAJ KUMAR
SUREKA
Neeraj Kumar Sureka
Partner
Membership No. : 056920
Firm Reg. No.: 000360C
Place :
Date :

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Date: 2021.06.17 11:03:04 +05:30'

Chheta
अपर: महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी सी लिमिटेड/NTPC LIMITED

STATEMENT OF CHANGES IN EQUITY

(A) Equity Share Capital

| For the year ended 31 March 2021 | | ₹ Lakhs |
|---|-------------------|---------|
| Balance as at 1 April 2020 | 156,067.37 | |
| Changes in equity share capital during the year | 5,000.00 | |
| Balance as at 31 March 2021 | 161,067.37 | |




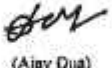

| For the year ended 31 March 2020 | | ₹ Lakhs |
|---|-------------------|---------|
| Balance as at 1 April 2019 | 151,067.37 | |
| Changes in equity share capital during the year | 5,000.00 | |
| Balance as at 31 March 2020 | 156,067.37 | |

(B) Other Equity

| | Reserves & Surplus | | | Total |
|--|--------------------|---|----------------------------------|------------------|
| | Retained Earnings | Share Application Money Pending Allotment | Fly Ash utilisation reserve fund | |
| For the year ended 31 March 2021 | | | | |
| Balance as at 1 April 2020 | (5,028.24) | 5,000.00 | 61.41 | 33.18 |
| Profit for the year | 13,453.20 | - | - | 13,453.20 |
| Other comprehensive income/ (expense) | (6.97) | - | - | (6.97) |
| Transfer to fly ash utilisation reserve fund (net) (Note 13) | - | - | 12.21 | 12.21 |
| Rounding off Adjustment | - | - | - | - |
| Share application money received (Note 13) | - | 6,000.00 | - | 6,000.00 |
| Less: Shares allotted against share application money | - | 5,000.00 | - | 5,000.00 |
| Balance as at 31 March 2021 | 8,418.89 | 6,000.00 | 73.62 | 14,492.51 |

| | Reserves & Surplus | | | Total |
|--|--------------------|---|----------------------------------|--------------|
| | Retained Earnings | Share Application Money Pending Allotment | Fly Ash utilisation reserve fund | |
| For the year ended 31 March 2020 | | | | |
| Balance as at 1 April 2019 | (15,425.41) | - | - | (15,425.41) |
| Profit for the year | 10,397.87 | - | - | 10,397.87 |
| Other comprehensive income/ (expense) | (0.72) | - | - | (0.72) |
| Transfer to fly ash utilisation reserve fund (net) (Note 13) | - | - | 61.41 | 61.41 |
| Rounding off Adjustment | 0.02 | - | - | (0.02) |
| Share application money received (Note 13) | - | 10,000.00 | - | 10,000.00 |
| Less: Shares allotted against share application money | - | 5,000.00 | - | 5,000.00 |
| Balance as at 31 March 2020 | (5,028.24) | 5,000.00 | 61.41 | 33.18 |

For and on behalf of the Board of Directors

| | | | | |
|---|---|---|--|---|
|  (Priyanka Sethi) CS 12/06/2021 |  (R. Bhattacharya) CFO |  (Sevash Chandra Naik) CEO |  (Ajay Dua) Director New Delhi 12/06/2021 |  (Ramesh Babu V) Chairman New Delhi 12/06/2021 |
|---|---|---|--|---|

Place: **KANTI**
Date: **12-06-2021**

This is the Statement of Changes in Equity referred to in our report of even date.

For A.R. Sureka & Co.
Chartered Accountants
NEERAJ KUMAR SUREKA
SUREKA
Neeraj Kumar Sureka
Partner
Membership No.: 056920
Firm Reg. No. 000360C
Place:
Date:

Chhetri
अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

1. Company Information and Significant Accounting Policies

A. Reporting entity

Kanti Bijlee Utpadan Nigam Limited (the "Company") is a Company domiciled in India and limited by shares (CIN: U40102DL2006GOI153167). The address of the Company's registered office is NTPC Bhawan, SCOPE Complex, 7 Institutional Area, Lodi Road, New Delhi -110003. The Company is involved in the generation and sale of bulk power to State Power Utilities. The Company is a wholly owned subsidiary of NTPC Limited.

B. Basis of preparation

1. Statement of Compliance

These financial statements are prepared on going concern basis following accrual system of accounting and comply with the Indian Accounting Standards (Ind AS) prescribed under Section 133 of the Companies Act, 2013 read with the Companies (Indian Accounting Standards) Rules, 2015 as amended, and other provisions of the Companies Act, 2013 (to the extent notified and applicable), and the provisions of the Electricity Act, 2003 to the extent applicable.

These financial statements were approved for issue by the Board of Directors in its meeting held on June 2021.

2. Basis of measurement

The financial statements have been prepared on the historical cost basis, except for certain financial assets and financial liabilities that are measured at fair value (refer note 8 below).

Historical cost is the amount of cash or cash equivalents paid or the fair value of the consideration given to acquire assets at the time of their acquisition or the amount of proceeds received in exchange for the obligation, or at the amounts of cash or cash equivalents expected to be paid to satisfy the liability in the normal course of business. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

3. Functional and presentation currency

These financial statements are presented in Indian Rupees (₹) which is the Company's functional currency. All financial information presented in (₹) has been rounded to the nearest Lakh (up to two decimals), except when indicated otherwise.

4. Current and non-current classification

The Company presents assets and liabilities in the balance sheet based on current/non-current classification.

An asset is classified as current when it is:

- Expected to be realized or intended to be sold or consumed in normal operating cycle;
- Held primarily for the purpose of trading;
- Expected to be realized within twelve months after the reporting period; or
- Cash or cash equivalent unless restricted from being exchanged or used to settle a liability for at least twelve months after the reporting period.

All other assets are classified as non-current.

A liability is classified as current when:

- It is expected to be settled in normal operating cycle;

Pl.

Chheda
अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements (continued)

- It is held primarily for the purpose of trading;
- It is due to be settled within twelve months after the reporting period; or
- There is no unconditional right to defer settlement of the liability for at least twelve months after the reporting period.

All other liabilities are classified as non-current.

Deferred tax assets/liabilities are classified as non-current.

Assets and liabilities are classified between current and non-current considering 12 months period as normal operating cycle.

C. Significant accounting policies

A summary of the significant accounting policies applied in the preparation of the financial statements are as given below. These accounting policies have been applied consistently to all periods presented in the financial statements.

The Company has elected to utilize the option under Ind AS 101 – 'First time adoption of Indian Accounting Standards' by not applying the provisions of Ind AS 16- 'Property, plant and equipment's& Ind AS 38- 'Intangible assets' retrospectively and continue to use the previous GAAP carrying amount as a deemed cost under Ind AS at the date of transition to Ind AS i.e. 1 April 2015. Therefore, the carrying amount of property, plant and equipment and intangible assets as per the previous GAAP as at 1 April 2015, i.e; the Company's date of transition to Ind AS, were maintained on transition to Ind AS.

I. Property, plant and equipment

1.1. Initial recognition and measurement

An item of property, plant and equipment is recognized as an asset if and only if it is probable that future economic benefits associated with the item will flow to the Company and the cost of the item can be measured reliably.

Items of property, plant and equipment are initially recognized at cost. Cost includes purchase price including import duties and non-refundable taxes after deducting trade discounts and rebates, any cost directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management and the present value of initial estimate of cost of dismantling, removal and restoration.

Subsequent measurement is done at cost less accumulated depreciation/amortization and accumulated impairment losses.

When parts of an item of property, plant and equipment that are significant in value and have different useful lives, they are recognized separately.

Deposits, payments/liabilities made provisionally towards compensation, rehabilitation and other expenses relating to land in possession are treated as cost of land.

In the case of assets put to use, where final settlement of bills with contractors is yet to be effected, capitalization is done on provisional basis subject to necessary adjustment in the year of final settlement.

Assets and systems common to more than one generating unit are capitalized on the basis of engineering estimates/assessments.

Items of spare parts, stand-by equipment and servicing equipment which meet the definition of property, plant and equipment are capitalized. Other spare parts are carried as inventory and recognized in the statement of profit and loss on consumption.

Rb

Chheda
अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements (continued)

The acquisition or construction of some items of property, plant and equipment although not directly increasing the future economic benefits of any particular existing item of property, plant and equipment, may be necessary for the Company to obtain future economic benefits from its other assets. Such items are recognized as property, plant and equipment.

1.2. Subsequent costs

Subsequent expenditure is recognized in the carrying amount of the asset when it is probable that future economic benefits deriving from the cost incurred will flow to the enterprise and the cost of the item can be measured reliably.

Expenditure on major inspection and overhauls of generating unit is capitalized, when it meets the asset recognition criteria. Any remaining carrying amount of the cost of the previous inspection and overhaul is derecognized.

The cost of replacing major part of an item of property, plant and equipment is recognized in the carrying amount of the item if it is probable that the future economic benefits embodied within the part will flow to the Company and its cost can be measured reliably. The carrying amount of the replaced part is derecognized regardless of whether the replaced part has been depreciated separately. If it is not practicable to determine the carrying amount of the replaced part, the Company uses the cost of the replacement as an indication of what the cost of replaced part was at the time it was acquired or constructed. The costs of the day-to-day servicing of property, plant and equipment are recognized in the statement of profit and loss as and when incurred.

1.3. Decommissioning costs

The present value of the expected cost for the decommissioning of the asset after its use is included in the cost of the respective asset if the recognition criteria for a provision are met.

1.4. De-recognition

Property, plant and equipment is derecognized when no future economic benefits are expected from their use or upon their disposal. Gains and losses on de-recognition of an item of property, plant and equipment are determined as the difference between sale proceeds from disposal, if any, and the carrying amount of property, plant and equipment, and are recognized in the statement of profit and loss.

In circumstance, where an item of property, plant and equipment is abandoned, the net carrying cost relating to the property, plant and equipment is written off in the same period.

1.5. Depreciation/amortization

Depreciation is recognized in statement of profit and loss on a straight-line basis over the estimated useful lives of each part of an item of property, plant and equipment.

Depreciation on the assets of the generation of electricity business, covered under Part B of Schedule II of the Companies Act, 2013, is charged on straight-line method following the rates and methodology notified by the Central Electricity Regulatory Commission (CERC) Tariff Regulations.

Depreciation on the following assets is provided on their estimated useful life, which are different from the useful life as prescribed under Schedule II to the Companies Act, 2013, ascertained on the basis of technical evaluation:

| | |
|---|----------|
| a) Kutchha roads | 2 years |
| b) Enabling works | |
| - residential buildings | 15 years |
| - internal electrification of residential buildings | 10 years |

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| | |
|---|----------|
| - non-residential buildings including their internal electrification, water supply, sewerage & drainage works, railway sidings, aerodromes, helipads and airstrips. | 5 years |
| c) Personal computers & laptops including peripherals | 3 years |
| d) Photocopiers, fax machines, water coolers and refrigerators | 5 years |
| e) Temporary erections including wooden structures | 1 year |
| f) Telephone exchange | 15 years |
| g) Wireless systems, VSAT equipments, display devices viz. projectors, screens, CCTV, audio video conferencing systems and other communication equipments | 6 years |

Major overhaul and inspection costs which have been capitalized are depreciated over the period until the next scheduled outage or actual major inspection/overhaul, whichever is earlier.

Capital spares are depreciated considering the useful life ranging between 2 to 25 years based on technical assessment.

Right-of-use land and buildings relating to generation of electricity business governed by CERC Tariff Regulations are fully amortized over lease period or life of the related plant whichever is lower following the rates and methodology notified by the CERC Tariff Regulations.

Depreciation on additions to/deductions from property, plant and equipment during the year is charged on pro-rata basis from/up to the month in which the asset is available for use/sale, disposal or earmarked for disposal

Where the cost of depreciable assets has undergone a change during the year due to increase/decrease in long-term liabilities (recognized up to 31 March 2016) on account of exchange fluctuation, price adjustment, change in duties or similar factors, the unamortized balance of such asset is charged off prospectively over the remaining useful life determined following the applicable accounting policies relating to depreciation/amortization.

Where it is probable that future economic benefits deriving from the expenditure incurred will flow to the enterprise and the cost of the item can be measured reliably, subsequent expenditure on a property, plant and equipment along-with its unamortized depreciable amount is charged off prospectively over the revised useful life determined by technical assessment.

The residual values, useful lives and method of depreciation of assets other than the assets of generation of electricity business governed by CERC Tariff Regulations, are reviewed at each financial year end and adjusted prospectively, wherever required.

Depreciation of an asset ceases at the earlier of the date that the assets is classified as held for sale (or included in a disposal group that is classified as held for sale) in accordance with Ind AS 105 and the date that the asset is derecognized.

2. Leases

As lessee

The Company assesses whether a contract contains a lease, at inception of a contract. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. To assess whether a contract conveys the right to control the use of an identified asset, the Company assesses whether: (1) the contract involves the use of an identified asset (2) the Company has substantially all of the economic benefits from use of the asset through the period of the lease and (3) the Company has the right to direct the use of the asset.

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The Company recognizes a right-of-use asset and a corresponding lease liability for all lease arrangements in which it is a lessee, except for leases with a term of twelve months or less (short term leases) and leases for low value underlying assets. For these short-term and leases for low value underlying assets, the Company recognizes the lease payments as an operating expense on a straight-line basis over the term of the lease.

Certain lease arrangements include the options to extend or terminate the lease before the end of the lease term. Right-of use assets and lease liabilities include these options when it is reasonably certain that the option to extend the lease will be exercised/option to terminate the lease will not be exercised.

The right-of-use assets are initially recognized at cost, which comprises the initial amount of the lease liability adjusted for any lease payments made at or prior to the commencement date of the lease plus any initial direct costs less any lease incentives and an estimate of costs to be incurred in dismantling and removing or restoring the underlying asset less any lease incentives. They are subsequently measured at cost less accumulated depreciation/amortization and impairment losses and adjusted for any reassessment of lease liabilities.

Right-of-use assets are depreciated/amortized from the commencement date to the end of the useful life of the underlying asset, if the lease transfers ownership of the underlying asset by the end of lease term or if the cost of right-of-use assets reflects that the purchase option will be exercised. Otherwise, Right-of-use assets are depreciated /amortized from the commencement date on a straight-line basis over the shorter of the lease term and useful life of the underlying asset.

Right-of-use assets are evaluated for recoverability whenever events or changes in circumstances indicate that their carrying amounts may not be recoverable. For the purpose of impairment testing, the recoverable amount (i.e. the higher of the fair value less cost to sell and the value-in-use) is determined on an individual asset basis unless the asset does not generate cash flows that are largely independent of those from other assets. In such cases, the recoverable amount is determined for the Cash Generating Unit (CGU) to which the asset belongs.

The lease liability is initially measured at amortized cost at the present value of the future lease payments. In calculating the present value, lease payments are discounted using the interest rate implicit in the lease or, if not readily determinable, using the incremental borrowing rate. Lease liabilities are re-measured with a corresponding adjustment to the related right-of-use asset if the Company changes its assessment whether it will exercise an extension or a termination option.

3. Capital work-in-progress

Cost incurred for property, plant and equipment that are not ready for their intended use as on the reporting date, is classified under capital work- in-progress.

The cost of self-constructed assets includes the cost of materials & direct labour, any other costs directly attributable to bringing the assets to the location and condition necessary for it to be capable of operating in the manner intended by management and borrowing costs attributable to the acquisition or construction of qualifying asset.

Expenses directly attributable to construction of property, plant and equipment incurred till they are ready for their intended use are identified and allocated on a systematic basis on the cost of related assets.

Deposit works/cost plus contracts are accounted for on the basis of statements of account received from the contractors.

Unsettled liabilities for price variation/exchange rate variation in case of contracts are accounted for on an estimated basis as per terms of the contracts.

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4. Government grants

Government grants are recognized when there is reasonable assurance that they will be received and the Company will comply with the conditions associated with the grant. Grants that compensate the Company for the cost of depreciable asset are recognized as income in the statement of profit and loss on a systematic basis over the period and in the proportion in which depreciation is charged. Grants that compensate the Company for expenses incurred are recognized over the period in which the related costs are incurred and the same is deducted from the related expenses.

5. Intangible assets

5.1. Initial recognition and measurement

An intangible asset is recognized if and only if it is probable that the expected future economic benefits that are attributable to the asset will flow to the Company and the cost of the asset can be measured reliably.

Intangible assets that are acquired by the Company, which have finite useful lives, are recognized at cost. Subsequent measurement is done at cost less accumulated amortization and accumulated impairment losses. Cost comprises purchase price including import duties, non-refundable taxes after deducting trade discounts and rebates and any directly attributable expenses of preparing the asset for its intended use.

5.2. Subsequent costs:

Subsequent expenditure is recognized as an increase in the carrying amount of the asset when it is probable that future economic benefits deriving from the cost incurred will flow to the enterprise and the cost of the item can be measured reliably.

5.3. De-recognition

An intangible asset is derecognized when no future economic benefits are expected from their use or upon their disposal. Gains or losses on de-recognition of an intangible asset is determined as the difference between the net disposal proceeds, if any, and the carrying amount of intangible assets and are recognized in the statement of profit and loss.

5.4. Amortization

Cost of software recognized as intangible asset, is amortized on straight-line method over a period of legal right to use or 3 years, whichever is less. Other intangible assets are amortized on straight-line method over the period of legal right to use or life of the related plant, whichever is less.

The amortization period and the amortization method of intangible assets with a finite useful life is reviewed at each financial year end and adjusted prospectively, wherever required.

6. Impairment of non-financial assets

The carrying amounts of the Company's non-financial assets are reviewed at each reporting date to determine whether there is any indication of impairment considering the provisions of Ind AS 36 - 'Impairment of Assets'. If any such indication exists, then the asset's recoverable amount is estimated.

The recoverable amount of an asset or cash-generating unit is the higher of its fair value less costs to disposal and its value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. For the purpose of

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Impairment testing, assets that cannot be tested individually are grouped together into the smallest group of assets that generates cash inflows from continuing use that are largely independent of the cash inflows of other assets or groups of assets (the "cash-generating unit", or "CGU").

An impairment loss is recognized if the carrying amount of an asset or its CGU exceeds its estimated recoverable amount. Impairment losses are recognized in profit or loss. Impairment losses recognized in respect of CGUs are reduced from the carrying amounts of the assets of the CGU.

Impairment losses recognized in prior periods are assessed at each reporting date for any indications that the loss has decreased or no longer exists. An impairment loss is reversed if there has been a change in the estimates used to determine the recoverable amount. An impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortization, if no impairment loss had been recognized.

7. Regulatory deferral account balances

Expense/income recognized in the statement of profit and loss to the extent recoverable from or payable to the beneficiaries in subsequent periods as per CERC Tariff Regulations are recognized as 'Regulatory deferral account balances'.

Regulatory deferral account balances are adjusted in the year in which the same become recoverable from or payable to the beneficiaries.

Regulatory deferral account balances are evaluated at each balance sheet date to ensure that the underlying activities meet the recognition criteria and it is probable that future economic benefits associated with such balances will flow to the entity. If these criteria are not met, the regulatory deferral account balances are derecognized.

8. Financial instruments

A financial instrument is any contract that gives rise to a financial asset of one entity and a financial liability or equity instrument of another entity. The Company recognizes a financial asset or a financial liability only when it becomes party to the contractual provisions of the instrument.

8.1. Financial assets

Initial recognition and measurement

All financial assets are recognized at fair value on initial recognition, except for trade receivables which are initially measured at transaction price. Transaction costs that are directly attributable to the acquisition of financial assets, which are not at fair value through profit or loss, are added to the fair value on initial recognition.

Subsequent measurement

Debt instruments at amortized cost

A 'debt instrument' is measured at the amortized cost if both the following conditions are met:

- (a) The asset is held within a business model whose objective is to hold assets for collecting contractual cash flows, and
- (b) Contractual terms of the asset give rise on specified dates to cash flows that are solely payments of principal and interest (SPPI) on the principal amount outstanding.

After initial measurement, such financial assets are subsequently measured at amortized cost using the EIR method. Amortized cost is calculated by taking into account any discount or

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premium on acquisition and fees or costs that are an integral part of the EIR. The EIR amortization is included in finance income in the profit or loss. The losses arising from impairment are recognized in the statement of profit and loss. This category generally applies to trade and other receivables.

Debt instrument at FVTOCI (Fair value through OCI)

A 'debt instrument' is classified as at the FVTOCI if both of the following criteria are met:

- (a) The objective of the business model is achieved both by collecting contractual cash flows and selling the financial assets, and
- (b) The asset's contractual cash flows represent SPPI

Debt instruments included within the FVTOCI category are measured initially as well as at each reporting date at fair value. Fair value movements are recognized in the OCI. However, the Company recognizes interest income, impairment losses & reversals and foreign exchange gain or loss in the profit and loss. On derecognition of the asset, cumulative gain or loss previously recognized in OCI is reclassified from the equity to profit and loss. Interest earned whilst holding FVTOCI debt instrument is reported as interest income using the EIR method.

Debt instrument at FVTPL (Fair value through profit or loss)

FVTPL is a residual category for debt instruments. Any debt instrument, which does not meet the criteria for categorization as at amortized cost or as FVTOCI, is classified as at FVTPL.

In addition, the Company may elect to classify a debt instrument, which otherwise meets amortized cost or FVTOCI criteria, as at FVTPL. However, such election is allowed only if doing so reduces or eliminates a measurement or recognition inconsistency (referred to as 'accounting mismatch'). Debt instruments included within the FVTPL category are measured at fair value with all changes recognized in the statement of profit and loss. Interest income on such investments is presented under 'Other income'.

De-recognition

A financial asset (or, where applicable, a part of a financial asset or part of a Group of similar financial assets) is primarily derecognized (i.e. removed from the Company's balance sheet) when:

- The rights to receive cash flows from the asset have expired, or
- The Company has transferred its rights to receive cash flows from the asset or has assumed an obligation to pay the received cash flows in full without material delay to a third party under a 'pass-through' arrangement; and either (a) the Company has transferred substantially all the risks and rewards of the asset, or (b) the Company has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset.

The difference between the carrying amount and the amount of consideration received / receivable is recognized in the Statement of Profit and Loss.

Impairment of financial assets

In accordance with Ind AS 109, the Company applies expected credit loss (ECL) model for measurement and recognition of impairment loss on the following financial assets and credit risk exposure:

- (a) Financial assets that are debt instruments, and are measured at amortized cost e.g., loans, debt securities, deposits and bank balance.
- (b) Trade receivables, unbilled revenue and contract assets under Ind AS 115.

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For trade receivables and contract assets/unbilled revenue, the Company applies the simplified approach required by Ind AS 109 Financial Instruments, which requires lifetime expected losses to be recognized from initial recognition.

For recognition of impairment loss on other financial assets and risk exposure, the Company determines that whether there has been a significant increase in the credit risk since initial recognition. If credit risk has not increased significantly, 12-month ECL is used to provide for impairment loss. However, if credit risk has increased significantly, lifetime ECL is used. If, in a subsequent period, credit quality of the instrument improves such that there is no longer a significant increase in credit risk since initial recognition, then the entity reverts to recognizing impairment loss allowance based on 12-month ECL.

For purchased or originated credit impaired financial assets, a loss allowance is recognized for the cumulative changes in lifetime expected credited losses since initial recognition.

8.2. Financial liabilities

Initial recognition and measurement

Financial liabilities are classified, at initial recognition, as financial liabilities at fair value through profit or loss, borrowings, payables. All financial liabilities are recognized initially at fair value and, in the case of borrowings and payables, net of directly attributable transaction costs. The Company's financial liabilities include trade and other payables, borrowings including bank overdrafts and payable for capital expenditure.

Subsequent measurement

The measurement of financial liabilities depends on their classification, as described below:

Financial liabilities at amortized cost

After initial measurement, such financial liabilities are subsequently measured at amortized cost using the EIR method. Gains and losses are recognized in the statement of profit and loss when the liabilities are derecognized as well as through the EIR amortization process. Amortized cost is calculated by taking into account any discount or premium on acquisition and fees or costs that are an integral part of the EIR. The EIR amortization is included in finance costs in the profit or loss. This category generally applies to borrowings, trade payables and other contractual liabilities.

Financial liabilities at fair value through profit or loss

Financial liabilities at fair value through profit or loss include financial liabilities held for trading and financial liabilities designated upon initial recognition as at fair value through profit or loss. Financial liabilities are classified as held for trading if they are incurred for the purpose of repurchasing in the near term. This category also includes derivative financial instruments entered into by the Company that are not designated as hedging instruments in hedge relationships as defined by Ind AS 109. Separated embedded derivatives are also classified as held for trading unless they are designated as effective hedging instruments.

Gains or losses on liabilities held for trading are recognized in the statement of profit and loss.

Financial liabilities designated upon initial recognition at fair value through profit or loss are designated at the initial date of recognition, and only if the criteria in Ind AS 109 are satisfied. For liabilities designated as FVTPL, fair value gains/losses attributable to changes in own credit risk are recognized in OCI. These gains/losses are not subsequently transferred to profit and loss. However, the company may transfer the cumulative gain or loss within equity. All other changes

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in fair value of such liability are recognized in the statement of profit and loss. The Company has not designated any financial liability as at fair value through profit and loss.

De-recognition

A financial liability is derecognized when the obligation under the liability is discharged or cancelled or expired. When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as the derecognition of the original liability and the recognition of a new liability. The difference in the respective carrying amounts is recognized in the statement of profit and loss.

Offsetting of financial assets and financial liabilities

Financial assets and financial liabilities are offset and the net amount is presented in the balance sheet if there is a currently enforceable legal right to offset the recognized amounts and there is an intention to settle on a net basis, to realize the assets and settle the liabilities simultaneously.

9. Borrowing costs

Borrowing costs consist of (a) interest expense calculated using the effective interest method as described in Ind AS 109 - 'Financial Instruments' (b) interest expense on lease liabilities recognized in accordance with Ind AS 116- 'Leases' and (c) exchange differences arising from foreign currency borrowings to the extent that they are regarded as an adjustment to interest costs.

Borrowing costs that are directly attributable to the acquisition, construction or erection of qualifying assets are capitalized as part of cost of such asset until such time the assets are substantially ready for their intended use. Qualifying assets are assets which necessarily take substantial period of time to get ready for their intended use or sale.

When the Company borrows funds specifically for the purpose of obtaining a qualifying asset, the borrowing costs incurred are capitalized. When Company borrows funds generally and uses them for the purpose of obtaining a qualifying asset, the capitalization of the borrowing costs is computed based on the weighted average cost of general borrowing that are outstanding during the period and used for the acquisition, construction or erection of the qualifying asset. However, borrowing costs applicable to borrowings made specifically for the purpose of obtaining a qualifying asset, are exclude from this calculations, until substantially all the activities necessary to prepare that for its intended use or sale are complete.

Income earned on temporary investment of the borrowings pending their utilization for expenditure on the qualifying assets is deducted from the borrowing costs eligible for capitalization.

Capitalization of borrowing costs ceases when substantially all the activities necessary to prepare the qualifying assets for their intended uses are complete.

Other borrowing costs are recognized as an expense in the year in which they are incurred.

10. Inventories

Inventories are valued at the lower of cost and net realizable value. Cost includes cost of purchase, cost of conversion and other costs incurred in bringing the inventories to their present location and condition. Cost is determined on weighted average basis. Costs of purchased inventory are determined after deducting rebates, trade discounts and other similar items. Net realizable value is the estimated selling price in the ordinary course of business, less estimated costs of completion and the estimated costs necessary to make the sale.

The diminution in the value of obsolete, unserviceable, surplus and non-moving items of stores


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and spares is ascertained on review and provided for.

Steel scrap is valued at estimated realizable value.

11. Cash and cash equivalents

Cash and cash equivalents in the balance sheet comprise cash at banks, cash on hand and short-term deposits with an original maturity of three months or less, that are readily convertible to known amount of cash and which are subject to an insignificant risk of changes in value.

12. Fly ash utilization reserve fund

Proceeds from sale of ash/ash products along-with income on investment of surplus funds are transferred to 'Fly ash utilization reserve fund' in terms of provisions of gazette notification dated 3 November 2009 issued by Ministry of Environment and Forests, Government of India. The fund is utilized towards expenditure on development of infrastructure/facilities, promotion & facilitation activities for use of fly ash.

13. Provisions, contingent liabilities and contingent assets

A provision is recognized if, as a result of a past event, the Company has a present legal or constructive obligation that can be estimated reliably, and it is probable that an outflow of economic benefits will be required to settle the obligation. If the effect of the time value of money is material, provisions are determined by discounting the expected future cash flows at a pre-tax rate that reflects current market assessments of the time value of money and the risks specific to the liability. When discounting is used, the increase in the provision due to the passage of time is recognized as a finance cost.

The amount recognized as a provision is the best estimate of the consideration required to settle the present obligation at reporting date, taking into account the risks and uncertainties surrounding the obligation.

When some or all of the economic benefits required to settle a provision are expected to be recovered from a third party, the receivable is recognized as an asset if it is virtually certain that reimbursement will be received and the amount of the receivable can be measured reliably. The expense relating to a provision is presented in the statement of profit and loss net of reimbursement, if any.

Contingent liabilities are possible obligations that arise from past events and whose existence will only be confirmed by the occurrence or non-occurrence of one or more future events not wholly within the control of the Company. Where it is not probable that an outflow of economic benefits will be required, or the amount cannot be estimated reliably, the obligation is disclosed as a contingent liability, unless the probability of outflow of economic benefits is remote. Contingent liabilities are disclosed on the basis of judgment of the management/independent experts. These are reviewed at each balance sheet date and are adjusted to reflect the current management estimate.

Contingent assets are possible assets that arise from past events and whose existence will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the Company. Contingent assets are disclosed in the financial statements when inflow of economic benefits is probable on the basis of judgment of management. These are assessed continually to ensure that developments are appropriately reflected in the financial statements.

14. Foreign currency transactions and translation

Transactions in foreign currencies are initially recorded at the functional currency spot rates at the date the transaction first qualifies for recognition.

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Monetary assets and liabilities denominated in foreign currencies are translated at the functional currency spot rates of exchange at the reporting date. Exchange differences arising on settlement or translation of monetary items are recognized in the statement of profit and loss in the year in which it arises with the exception that exchange differences on long term monetary items related to acquisition of property, plant and equipment recognized up to 31 March 2016 are adjusted to the carrying cost of property, plant and equipment.

Non-monetary items denominated in foreign currency which are measured in terms of historical cost are recorded using the exchange rate at the date of the transaction. In case of advance consideration received or paid in a foreign currency, the date of transaction for the purpose of determining the exchange rate to use on initial recognition of the related asset, expense or income (or part of it), is when the Company initially recognizes the non-monetary asset or non-monetary liability arising from the payment or receipt of advance consideration.

15. Revenue

Company's revenues arise from generation and sale of energy and other income. Revenue from other income comprises interest from banks, employees, contractors etc., surcharge received from beneficiaries for delayed payments, sale of scrap, other miscellaneous income, etc.

15.1. Revenue from sale of energy

The Company's operations in India are regulated under the Electricity Act, 2003. Accordingly, the CERC determines the tariff for the Company's power plants based on the norms prescribed in the tariff regulations as applicable from time to time. Tariff is based on the capital cost incurred for a specific power plant and primarily comprises two components: capacity charge i.e. a fixed charge, that includes depreciation, return on equity, interest on working capital, operating & maintenance expenses, interest on loan and energy charge i.e. a variable charge primarily based on fuel costs.

Revenue is measured based on the consideration that is specified in a contract with a customer or is expected to be received in exchange for the products or services and excludes amounts collected on behalf of third parties. The Company recognizes revenue when (or as) the performance obligation is satisfied, which typically occurs when (or as) control over the products or services is transferred to a customer.

Revenue from sale of energy is accounted for based on tariff rates approved by the CERC (except items indicated as provisional) as modified by the orders of Appellate Tribunal for Electricity to the extent applicable. In case the tariff rates are yet to be approved/items indicated provisional by the CERC in their orders, provisional rates are adopted considering the applicable CERC Tariff Regulations. Revenue from sale of energy is recognized once the electricity has been delivered to the beneficiary and is measured through a regular review of usage meters. Beneficiaries are billed on a periodic and regular basis. As at each reporting date, revenue from sale of energy includes an accrual for sales delivered to beneficiaries but not yet billed i.e. contract assets/ unbilled revenue.

The incentives/disincentives are accounted for based on the norms notified/approved by the CERC as per principles enunciated in Ind AS 115- 'revenue from contracts with customers'. In cases the same have not been notified / approved, incentives/disincentives are accounted for on provisional basis.

15.2. Other income

Interest income is recognized, when no significant uncertainty as to measurability or collectability exist, on a time proportion basis taking into account the amount outstanding and the applicable interest rate, using the effective interest rate method (EIR). For credit impaired financial assets the EIR is applied to the net carrying amount of the financial asset (after deduction of the loss


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allowance). EIR is the rate that discounts the estimated future cash receipts through the expected life of the financial asset to the net carrying amount of the financial asset. For purchased or originated credit-impaired (POCI) financial assets interest income is recognized by calculating the credit-adjusted EIR and applying that rate to the amortized cost of the asset. The credit-adjusted EIR is the interest rate that, at original recognition, discounts the estimated future cash flows (including credit losses) to the amortized cost of the POCI assets.

Scrap other than steel scrap is accounted for as and when sold.

Insurance claims for loss of profit are accounted for in the year of acceptance. Other insurance claims are accounted for based on certainty of realization.

Revenue from rentals and operating leases is recognized on an accrual basis in accordance with the substance of the relevant agreement.

For debt instruments measured at amortized cost or at fair value through other comprehensive income (OCI), interest income is recorded using the effective interest rate (EIR). EIR is the rate that exactly discounts the estimated future cash payments or receipts over the expected life of the financial instrument or a shorter period, where appropriate, to the gross carrying amount of the financial asset or to the amortized cost of a financial liability. When calculating the EIR, the Company estimates the expected cash flows by considering all the contractual terms of the financial instrument (for example, prepayment, extension, call and similar options) but does not consider the expected credit losses. Interest income is included in other income in the statement of profit and loss.

The interest/surcharge on late payment/overdue trade receivables for sale of energy is recognized when no significant uncertainty as to measurability or collectability exists.

Interest/surcharge recoverable on advances to suppliers as well as warranty claims wherever there is uncertainty of realization/acceptance are not treated as accrued and are therefore, accounted for on receipt/acceptance.

16. Employee benefits

16.1. Defined contribution plans

A defined contribution plan is a post-employment benefit plan under which an entity pays fixed contributions into separate entities and will have no legal or constructive obligation to pay further amounts. Obligations for contributions to defined contribution plans are recognized as an employee benefits expense in the statement of profit or loss in the period during which services are rendered by employees. Prepaid contributions are recognized as an asset to the extent that a cash refund or a reduction in future payments is available. Contributions to a defined contribution plan that are due after more than 12 months after the end of the period in which the employees render the service are discounted to their present value.

In respect of employees from parent company NTPC Limited- Employees benefits include provident fund, pension, gratuity, post retirement medical facilities, compensated absences, long service award, economic rehabilitation scheme & other terminal benefits. In terms of the arrangement with the parent company, the company is to make a fixed contribution of the aggregate of basic pay and dearness allowance for the period of service rendered in the company. Accordingly, these employee benefits are treated as defined contribution scheme.

The Company pays a defined contribution for provident fund for employees on it's roll to the fund administered and managed by Government of India. Both the employee and the Company make monthly contribution equal to a specified percentage of the employee's salary. The contributions to the fund for the year are recognized as an expense and charged to the statement of profit and loss.

RB

Chheda.
अपर महाप्रबन्धक (वाणिज्यिक)
Asst. General Manager (Commercial)
एन टी सी लिमिटेड/NTPC LIMITED

Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements (continued)

In respect of employees on the roll of the company, expenditure in relation to gratuity and leave encashment recognized on the basis of actuarial valuation.

16.2. Defined benefit plan

A defined benefit plan is a post-employment benefit plan other than a defined contribution plan. The Company's liability towards gratuity for the employees on its roll is in the nature of defined benefit plan.

The Company's net obligation in respect of defined benefit plan is calculated by estimating the amount of future benefit that employees have earned in return for their service in the current and prior periods; that benefit is discounted to determine its present value. Any unrecognized past service costs and the fair value of any plan assets are deducted. The discount rate is based on the prevailing market yields of Indian government securities as at the reporting date that have maturity dates approximating the terms of the Company's obligations and that are denominated in the same currency in which the benefits are expected to be paid.

The calculation is performed annually by a qualified actuary using the projected unit credit method. Any actuarial gains or losses are recognized in OCI in the period in which they arise.

When the benefits of a plan are improved, the portion of the increased benefit relating to past service by employees is recognized in profit or loss on a straight-line basis over the average period until the benefits become vested. To the extent that the benefits vest immediately, the expense is recognized immediately in statement of profit and loss.

16.3. Other long-term employee benefits

Benefits under the Company's leave encashment scheme for the employees on its roll constitute other long-term employee benefits.

The Company's net obligation in respect of leave encashment is the amount of future benefit that employees have earned in return for their service in the current and prior periods; that benefit is discounted to determine its present value, and the fair value of any related assets is deducted. The discount rate is based on the prevailing market yields of Indian government securities as at the reporting date that have maturity dates approximating the terms of the Company's obligations. The calculation is performed using the projected unit credit method. Any actuarial gains or losses are recognized in profit or loss in the period in which they arise.

The obligations are presented as current liabilities in the balance sheet if the entity does not have an unconditional right to defer settlement for at least twelve months after the reporting period, regardless of when the actual settlement is expected to occur.

16.4. Short-term benefits

Short-term employee benefit obligations are measured on an undiscounted basis and are expensed as the related service is provided.

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Addl. General Manager (Commercial)
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Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements (continued)

A liability is recognized for the amount expected to be paid under performance related pay if the Company has a present legal or constructive obligation to pay this amount as a result of past service provided by the employee and the obligation can be estimated reliably.

17. Other expenses

Expenses on training & recruitment and voluntary community development are charged to statement of profit and loss in the year incurred.

Transit and handling losses of coal as per Company's norms are included in cost of coal.

18. Income tax

Income tax expense comprises current and deferred tax. Current tax expense is recognized in statement of profit and loss except to the extent that it relates to items recognized directly in other comprehensive income (OCI) or equity, in which case it is recognized in OCI or equity, respectively.

Current tax is the expected tax payable on the taxable income for the year computed as per the provisions of Income Tax Act, 1961, using tax rates enacted or substantively enacted by the end of the reporting period, and any adjustment to tax payable in respect of previous years.

Deferred tax is recognized using the balance sheet method, on temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the tax bases of assets and liabilities. Deferred tax is measured at the tax rates that are expected to be applied to temporary differences when they materialize, based on the laws that have been enacted or substantively enacted by the reporting date. Deferred tax assets and liabilities are offset if there is a legally enforceable right to offset current tax liabilities and assets, and they relate to income taxes levied by the same tax authority

Deferred tax is recognized in statement of profit and loss except to the extent that it relates to items recognized directly in OCI or equity, in which case it is recognized in OCI or equity, respectively.

A deferred tax asset is recognized for all deductible temporary differences to the extent that it is probable that future taxable profits will be available against which the deductible temporary difference can be utilized. Deferred tax assets are reviewed at each reporting date and are reduced to the extent that it is no longer probable that the sufficient taxable profits will be available in future to allow all or part of deferred tax assets to be utilised.

Additional income taxes that arise from the distribution of dividends are recognized at the same time that the liability to pay the related dividend is recognized. The income tax consequences of dividends are recognized in profit or loss, other comprehensive income or equity according to where the Company originally recognized those past transactions or events.

Deferred tax assets include Minimum Alternative Tax (MAT) paid in accordance with the tax laws in India, which is likely to give future economic benefits in the form of availability of set off against future income tax liability. MAT credit is recognized as deferred tax asset in the balance sheet when the asset can be measured reliably and it is probable that the future taxable profit will be available against which MAT credit can be utilized.

When there is uncertainty regarding income tax treatments, the Company assesses whether a tax authority is likely to accept an uncertain tax treatment. If it concludes that the tax authority is unlikely to accept an uncertain tax treatment, the effect of the uncertainty on taxable income, tax bases and unused tax losses and unused tax credits is recognized. The effect of the uncertainty is recognized using the method that, in each case, best reflects the outcome of the uncertainty: the most likely outcome or the expected value. For each case, the Company evaluates whether to

Chhetri
CHIEF FINANCIAL OFFICER
Kanti Bijlee Utpadan Nigam Limited
Pt. Q. 4. 11. 1000 / 1100 Limited

Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements (continued)

consider each uncertain tax treatment separately, or in conjunction with another or several other uncertain tax treatments, based on the approach that best prefixes the resolution of uncertainty.

19. Operating segments

In accordance with Ind AS 108-'Operating Segments', the operating segments used to present segment information are identified on the basis of internal reports used by the Company's management to allocate resources to the segments and assess their performance. The Board of Directors is collectively the Company's 'Chief Operating Decision Maker' or 'CODM' within the meaning of Ind AS 108. In the opinion of the management, there is only one reportable segment ("Generation of Energy").

20. Dividends

Dividends and interim dividends payable to the Company's shareholders are recognized as changes in equity in the period in which they are approved by the shareholders and the Board of Directors respectively.

21. Material prior period errors

Material prior period errors are corrected retrospectively by restating the comparative amounts for the prior periods presented in which the error occurred. If the error occurred before the earliest period presented, the opening balances of assets, liabilities and equity for the earliest period presented, are restated.

22. Earnings per share

Basic earnings per equity share is computed by dividing the net profit or loss attributable to equity shareholders of the Company by the weighted average number of equity shares outstanding during the financial year.

Diluted earnings per equity share is computed by dividing the net profit or loss attributable to equity shareholders of the Company by the weighted average number of equity shares considered for deriving basic earnings per equity share and also the weighted average number of equity shares that could have been issued upon conversion of all dilutive potential equity shares.

Basic and diluted earnings per equity share are also computed using the earnings amounts excluding the movements in regulatory deferral account balances.

23. Statement of cash flows

Statement of cash flows is prepared in accordance with the indirect method prescribed in Ind AS 7 'Statement of cash flows'.

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Chheda
अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

D. Use of estimates and management judgments

The preparation of financial statements requires management to make judgments, estimates and assumptions that may impact the application of accounting policies and the reported value of assets, liabilities, income, expenses and related disclosures concerning the items involved as well as contingent assets and liabilities at the balance sheet date. The estimates and management's judgments are based on previous experience & other factors considered reasonable and prudent in the circumstances. Actual results may differ from these estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in any future periods affected.

In order to enhance understanding of the financial statements, information about significant areas of estimation, uncertainty and critical judgments in applying accounting policies that have the most significant effect on the amounts recognized in the financial statements is as under:

1. Formulation of accounting policies

The accounting policies are formulated in a manner that results in financial statements containing relevant and reliable information about the transactions, other events and conditions to which they apply. Those policies need not be applied when the effect of applying them is immaterial.

2. Useful life of property, plant and equipment and intangible assets

The estimated useful life of property, plant and equipment and intangible assets is based on a number of factors including the effects of obsolescence, demand, competition and other economic factors (such as the stability of the industry and known technological advances) and the level of maintenance expenditures required to obtain the expected future cash flows from the asset.

Useful life of the assets of the generation of electricity business is determined by the CERC Tariff Regulations in accordance with Schedule II of the Companies Act, 2013.

3. Recoverable amount of property, plant and equipment and intangible assets

The recoverable amount of property, plant and equipment and intangible assets is based on estimates and assumptions regarding in particular the expected market outlook and future cash flows associated with the power plants. Any changes in these assumptions may have a material impact on the measurement of the recoverable amount and could result in impairment.

4. Post-employment benefit plans

Employee benefit obligations are measured on the basis of actuarial assumptions which include mortality and withdrawal rates as well as assumptions concerning future developments in discount rates, the rate of salary increases and the inflation rate. The Company considers that the assumptions used to measure its obligations are appropriate and documented. However, any changes in these assumptions may have a material impact on the resulting calculations.

5. Revenues

The Company records revenue from sale of energy based on tariff rates approved by the CERC as modified by the orders of Appellate Tribunal for Electricity, as per principles enunciated under Ind AS 115. However, in cases where tariff rates are yet to be approved, provisional rates are adopted considering the applicable CERC Tariff Regulations.

6. Assets held for sale

Significant judgment is required to apply the accounting of non-current assets held for sale under Ind AS 105 - Non-current assets held for sale and discontinued operations. In assessing the

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Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements (continued)

applicability, management has exercised judgment to evaluate the availability of the asset for immediate sale, management's commitment for the sale and probability of sale within one year to conclude if their carrying amount will be recovered principally through a sale transaction rather than through continuing use.

7. Regulatory deferral account balances

Recognition of regulatory deferral account balances involves significant judgements including about future tariff regulations since these are based on estimation of the amounts expected to be recoverable/payable through tariff in future.

8. Provisions and contingencies

The assessments undertaken in recognizing provisions and contingencies have been made in accordance with Ind AS 37, 'Provisions, contingent liabilities and contingent assets'. The evaluation of the likelihood of the contingent events has required best judgment by management regarding the probability of exposure to potential loss. Should circumstances change following unforeseeable developments, this likelihood could alter.

9. Income taxes

Significant estimates are involved in determining the provision for income taxes, including amount expected to be paid/recovered for uncertain tax positions.




अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

Kaand Bijlee Upadara Nigam Limited
Notes to the financial statements

2. Property, plant and equipment (PPE)

| Particulars | € Lakh | | | | € Lakh | | | |
|--|-----------------------|------------------------|--|---|------------------------|------------------------|------------------------|------------------------|
| | Gross Block | | Depreciation/Amortisation and Impairment | | Gross Block | | Net Block | |
| | As at 1 April 2020 | As at 31 March 2021 | Up to 1 April 2020 | Per (Deductions)/ Adjustments the year | Up to 31 March 2021 | Up to 31 March 2021 | As at 31 March 2021 | As at 31 March 2021 |
| Land | | | | | | | | |
| (including development expenses) | | | | | | | | |
| Freehold | 17,189.12 | 17,189.12 | - | - | - | - | - | 17,189.12 |
| Right of Use | 11,635.75 | 11,635.75 | 682.71 | 221.49 | - | 904.20 | 904.20 | 10,731.55 |
| Roads, bridges, culverts & hollpools | 4,981.02 | 5,789.87 | 296.94 | 106.40 | - | 403.34 | 403.34 | 5,386.53 |
| Building | | | | | | | | |
| Main plant | 29,603.09 | 29,603.09 | 3,206.61 | 1,025.65 | - | 4,241.66 | 4,241.66 | 25,361.43 |
| Others | 3,071.86 | 3,417.45 | 899.02 | 208.76 | 211.12 | 1,320.85 | 1,320.85 | 2,096.60 |
| Temporary erections | 3,652.99 | - | 213.12 | - | (213.12) | - | - | - |
| Water Supply, drainage & sewerage system | 30.92 | 38.02 | 5.99 | 1.71 | - | 7.70 | 7.70 | 33.22 |
| NCR track and signalling system | 6,760.28 | 6,760.28 | 1,081.52 | 430.70 | - | 1,512.22 | 1,512.22 | 5,248.06 |
| Fleet and equipment (including associated civil works) | 174,020.65 | 379,168.13 | 34,279.17 | 23,223.52 | (89.51) | 97,404.18 | 97,404.18 | 281,763.95 |
| Furniture and fixtures | 566.25 | 52.41 | 151.86 | 37.38 | (0.02) | 169.21 | 169.21 | 401.04 |
| Vehicles Owned | 1.34 | 1.34 | 0.73 | 0.15 | - | 0.88 | 0.88 | 0.46 |
| Office equipment | 243.26 | 272.64 | 89.04 | 28.74 | - | 107.78 | 107.78 | 135.48 |
| EDP, WP machines and micron equipment | 437.69 | 490.34 | 222.94 | 106.07 | (0.63) | 328.38 | 328.38 | 167.26 |
| Communication equipment | 674.32 | 680.83 | 274.17 | 37.54 | - | 311.71 | 311.71 | 369.12 |
| Electrical installations | 1,544.99 | 1,544.99 | 277.12 | 85.64 | - | 426.76 | 426.76 | 1,118.23 |
| Communication Equipment | 11.45 | 11.45 | 3.72 | 1.73 | - | 7.45 | 7.45 | 4.00 |
| Hospital Equipment | 11.25 | 14.46 | - | 0.76 | - | 2.01 | 2.01 | 12.44 |
| Total | 451,988.69 | 651,189.08 | 81,912.59 | 26,631.72 | (96.17) | 107,248.90 | 107,248.90 | 343,939.17 |
| As at 31 March 2020 | | | | | | | | |
| Particulars | | | | | | | | |
| | | | | | | | | |
| Land | | | | | | | | |
| (including development expenses) | | | | | | | | |
| Freehold | 17,189.12 | 17,189.12 | - | - | - | - | - | 17,189.12 |
| Right of Use | 11,635.75 | 11,635.75 | 461.22 | 231.49 | - | 692.71 | 692.71 | 10,943.04 |
| Roads, bridges, culverts & hollpools | 2,706.45 | 4,981.02 | 196.63 | 100.51 | - | 297.14 | 297.14 | 4,683.88 |
| Building | | | | | | | | |
| Main plant | 29,518.47 | 29,603.09 | 2,173.81 | 1,852.20 | - | 3,206.01 | 3,206.01 | 26,397.08 |
| Others | 3,257.13 | 3,071.86 | 702.10 | 304.96 | (7.99) | 899.07 | 899.07 | 2,172.79 |
| Temporary erections | 345.59 | 345.59 | 148.00 | 68.12 | - | 213.12 | 213.12 | 132.47 |
| Water Supply, drainage & sewerage system | 30.92 | 38.02 | 4.78 | 1.71 | - | 6.49 | 6.49 | 24.93 |
| NCR track and signalling system | 6,436.21 | 6,760.28 | 671.66 | 629.84 | - | 1,081.52 | 1,081.52 | 5,678.76 |
| Fleet and equipment (including associated civil works) | 207,531.49 | 374,020.65 | 32,136.28 | 22,219.28 | (105.65) | 54,278.17 | 54,278.17 | 249,750.48 |
| Furniture and fixtures | 115.84 | 546.25 | 88.33 | 39.76 | 3.56 | 131.86 | 131.86 | 414.39 |
| Vehicles Owned | 1.34 | 1.34 | 0.58 | 0.15 | - | 0.73 | 0.73 | 0.61 |
| Office equipment | 169.78 | 243.26 | 65.12 | 30.92 | - | 96.04 | 96.04 | 154.23 |
| EDP, WP machines and micron equipment | 397.90 | 423.44 | 177.04 | 95.70 | (3.40) | 222.94 | 222.94 | 171.10 |
| Communication equipment | 291.94 | 274.17 | 211.19 | 66.93 | - | 274.12 | 274.12 | 300.20 |
| Electrical installations | 1,519.55 | 1,544.99 | 248.13 | 88.95 | - | 337.12 | 337.12 | 1,287.87 |
| Communication Equipment | 7.16 | 11.45 | 4.08 | 1.94 | - | 5.73 | 5.73 | 5.73 |
| Hospital Equipment | 5.78 | 8.97 | 0.70 | 0.36 | - | 1.06 | 1.06 | 7.91 |
| Total | 448,780.11 | 651,189.08 | 87,240.87 | 24,680.74 | (113.33) | 81,118.37 | 81,118.37 | 369,770.71 |

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अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

Kaait Brijee Ugasdan Nigam Limited
Notes to the financial statements

3 Property, plant and equipment (continued)

- (d) The conveyancing of the site of 11.25 acres of freehold land (31 March 2020: 11.26 acres) in possession of the company of value ₹ 473.00 Lakhs (31 March 2020: ₹ 473.00 Lakhs) (21 March 2020: ₹ 473.31 Lakhs) and 1.10 acres of leasehold land (31 March 2020: 1.14 acres) in possession of the company of value ₹ 713.00 Lakhs (31 March 2020: ₹ 713.00 Lakhs), in favour of the Company are awaiting completion of legal formalities.
- (e) Spare parts of ₹ 5 lakhs and above, used by equipment and service equipment which meet the definition of property, plant and equipment are capitalized.
- (f) Property, plant and equipment costing ₹ 5,000/- or less, are depreciated fully in the year of acquisition.
- (g) Refer note 14 for information on property, plant and equipment pledged as security by the company.
- (h) Estimated amount of contracts remaining to be executed on capital works account and not provided for as at 31 March 2021 is ₹ 64,644.38 Lakhs (31 March 2020: ₹ 51,150.29 Lakhs).
- (i) The Company capitalized the borrowing costs in the capital work-in-progress (CWIP) as per the provisions of Ind AS 115. Assets-wise details of borrowing costs included in the cost of major heads of CWIP (through 'Addition' or 'Deduction') Adjustment columns are given below.

| Particulars | ₹ Lakhs | |
|---------------------------------|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Building | | |
| Main Plant | | |
| Others | 14.86 | 0.48 |
| MGR Track and Signalling system | - | 15.97 |
| Plant and equipment | 1,592.23 | 1,461.60 |
| Total | 1,607.09 | 1,477.05 |

(j) Deduction/adjustments from gross block and depreciation, amortisation and impairment for the year includes:

| Particulars | Gross block | | Depreciation and amortisation | |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Depreciation of assets | (0.65) | (1.46) | (0.65) | (1.46) |
| Retirement of assets | (407.43) | (512.73) | (89.51) | (104.92) |
| Assets recognized with retrospective effect/ | 1,270.13 | 2,000.36 | - | - |
| Write back of reserves capitalization | - | - | - | - |
| Others | (7.70) | (8.83) | (8.83) | - |
| Total | 854.35 | 6,517.63 | (99.17) | (113.22) |

(k) Right of use land represents lease held land, previously recognized as per Ind AS-17. Leases, acquired on perpetual lease basis.

Chheda
अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements

3 Capital work-in-progress

| Particulars | ₹ Lakhs | |
|--|---------------------|---------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Development of land | | |
| Buildings | | |
| Muir plant | | |
| Others | | |
| Temporary erection | | |
| MGR track and signalling system | | |
| Earth dam reservoir | | |
| Plant and equipment | | |
| EDP/WP machines & telecom equipment | | |
| Construction equipment | | |
| Electrical installations | | |
| Expenditure pending allocation | | |
| Survey, investigation, consultancy and supervision charges | | |
| Expenditure during construction period (net)* | | |
| Less: Allocated to related works | | |
| Construction stores | | |
| Total | | |

* Brought from expenditure during construction period (net) - Note 31


 अपर. महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड/NTPC LIMITED

Kaanti Bijlee Utpadan Nigam Limited
Notes to the financial statements

3 Capital work-in-progress (continued)

| Particulars | As at | | Additions | (Deductions)/ Adjustments | Capitalised | ₹ Lakhs | |
|--|--------------|---------------|-----------|------------------------------|-------------|-----------------------|------------------------|
| | 1 April 2019 | 31 March 2020 | | | | As at 1 April 2019 | As at 31 March 2020 |
| Development of land | | | | | | | |
| Buildings | | | | | | | |
| Main plant | | | | | | | |
| Others | | | | | | | |
| Temporary erection | | | | | | | |
| MGR truck and signalling system | | | | | | | |
| Earth dam reservoir | | | | | | | |
| Plant and equipment | | | | | | | |
| EDP/WP machines & sitcom equipment | | | | | | | |
| Construction equipment | | | | | | | |
| Electrical installations | | | | | | | |
| Expenditure pending allocation | | | | | | | |
| Survey, investigation, consultancy and supervision charges | | | | | | | |
| Expenditure during construction period (net)* | | | | | | | |
| Less: Allocated to related works | | | | | | | |
| Construction stores | | | | | | | |
| Total | | | | | | | |
| | 84.32 | 31,086.00 | 2,163.67 | (2,247.99) | | 32,703.95 | |
| | 352.18 | 209.39 | 701.14 | (106.31) | 594.83 | 227.21 | |
| | 5.54 | - | 320.21 | (244.96) | 190.39 | - | 237.04 |
| | 308.31 | - | 15.97 | (5.54) | - | - | - |
| | 1,289.38 | - | 1,175.14 | (324.08) | - | - | - |
| | 28,973.82 | - | 5,675.58 | (2,464.32) | - | - | - |
| | 13.14 | - | 23.61 | (1,609.86) | 596.34 | 32,443.20 | - |
| | 59.51 | - | 9.12 | (13.26) | - | 23.61 | - |
| | 5.15 | - | 5.15 | (64.66) | - | - | - |
| | | | 10,080.60 | (7,081.19) | 1,381.55 | | |
| | | | 17.82 | - | - | | |
| | | | 1,445.91 | - | - | | |
| | | | 1,445.91 | - | - | | |
| | 31,295.39 | | 10,098.42 | (7,081.19) | 1,381.55 | 32,931.06 | |
| | 8,230.00 | | 83.23 | (460.61) | - | 7,852.62 | |
| | 39,525.39 | | 10,181.65 | (7,541.80) | 1,381.55 | 40,783.69 | |

* Brought from expenditure during construction period (net) - Note 31

a) Construction stores are net of provision for shortages pending investigation amounting to ₹ 54.20 Lakhs (31 March 2020: ₹ 47.85 Lakhs).

b) Details of borrowing costs capitalized are disclosed in note 2 (f).

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अपर. महाप्रबन्धक (वित्तविक्रम)
Addl. General Manager (Commercial)
एन सी सी लिमिटेड/NTPC LIMITED

Kamdi Bijlee Utpadan Nigam Limited
Notes to the financial statements

4 Intangible assets

| Particulars | As at 31 March 2021 | | | As at 31 March 2020 | | |
|-------------|---------------------|-----------|---------------------------------------|---------------------|-----------|---------------------------------------|
| | As at 1 April 2020 | Additions | Gross Block (Deductions)/ Adjustments | As at 1 April 2020 | Additions | Gross Block (Deductions)/ Adjustments |
| Software | 90.46 | - | - | 90.46 | - | - |
| Total | 90.46 | - | - | 90.46 | - | - |

| Particulars | As at 31 March 2021 | | | As at 31 March 2020 | | |
|-------------|---------------------|----------------------------|---|---------------------|----------------------------|---|
| | Upto 1 April 2020 | For the Year (Adjustments) | Amortisation (Deductions)/ Upto 31 March 2021 | Upto 1 April 2019 | For the Year (Adjustments) | Amortisation (Deductions)/ Upto 31 March 2020 |
| Software | 33.65 | 27.14 | - | 33.65 | 22.90 | - |
| Total | 33.65 | 27.14 | - | 33.65 | 22.90 | - |

| Particulars | As at 31 March 2021 | | | As at 31 March 2020 | | |
|-------------|---------------------|-----------|---------------------------------------|---------------------|-----------|---------------------------------------|
| | As at 1 April 2020 | Additions | Gross Block (Deductions)/ Adjustments | As at 1 April 2019 | Additions | Gross Block (Deductions)/ Adjustments |
| Software | 36.90 | 63.56 | - | 36.90 | 63.56 | - |
| Total | 36.90 | 63.56 | - | 36.90 | 63.56 | - |

Depreciation/amortisation of PPE and intangible assets for the year is allocated as given below:

| Particulars | ₹ Lakhs | |
|---|--------------------|--------------------|
| | For the year ended | For the year ended |
| Charged to Statement of profit and loss | 31 March 2021 | 31 March 2020 |
| Allocated to fuel cost | 25,204.14 | 24,161.00 |
| Total | 460.72 | 452.64 |
| | 25,664.86 | 24,613.64 |

Subst.
अपर- महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी सी लिमिटेड / NTPC LIMITED

Kaati Bijlee Utpradan Nigam Limited
Notes to the financial statements

5 Other non current assets

| Particulars | ₹ Lakhs | |
|---|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Capital advances | | |
| Unsecured, considered good | | |
| Covered by bank guarantee | 3,604.25 | 4,114.83 |
| Others | 6,194.26 | 5,068.86 |
| | <u>9,798.51</u> | <u>9,203.69</u> |
| Advances other than capital advances | | |
| Security deposits | 84.63 | 84.63 |
| Advance tax & tax deducted at source | 2,033.46 | 6,470.05 |
| Less: Provisions for tax | 1,185.66 | 3,558.33 |
| Total | <u>10,730.94</u> | <u>10,200.04</u> |

a) Advance tax includes ₹ 120.24 Lakhs paid during Financial Year 2020-21 and ₹ 189.04 Lakhs paid during the Financial Year 2019-20 under the Scheme formed through Direct Tax Vivad se Vishwas Scheme Act, 2020 for resolution of pending disputed tax matters for the Financial Years 2011-12, 2012-13, 2013-14 and 2014-15 after settlement of adjusted refunds/ advance taxes including tax paid under protest in earlier years. Declaration under the Scheme will be filed as per the due dates defined in the scheme and extended from time to time.

6 Inventories

| Particulars | ₹ Lakhs | |
|---|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Coal | 4,156.12 | 1,384.63 |
| Fuel Oil | 375.24 | 386.07 |
| Stores and spares | 5,954.53 | 4,229.33 |
| Chemicals & consumables | 375.49 | 320.94 |
| Steel scrap | 45.15 | 78.87 |
| Loose tools | 21.29 | 10.80 |
| Others (refer note c below) | 1,673.05 | 1,200.12 |
| | <u>12,600.87</u> | <u>7,610.78</u> |
| Less: Provision for shortages | 81.71 | 16.75 |
| Less: Provision for obsolete/unserviceable items/diminution in value of surplus inventory | 110.07 | 110.07 |
| Total | <u>12,409.09</u> | <u>7,483.96</u> |

a) Inventories include material-in-transit

| Particulars | ₹ Lakhs | |
|-------------------|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Coal | 1,101.42 | - |
| Stores and spares | 134.99 | 103.10 |
| Others | 7.33 | 60.38 |
| Total | <u>1,243.74</u> | <u>163.48</u> |

b) Inventory items, other than steel scrap, have been valued as per accounting policy no. C.10 (note 1). Steel scrap has been valued at estimated realisable value.

c) Inventories-Others includes steel, cement, electrical consumables etc.

d) Paragraph 32 of Ind AS 2, 'Inventories' provides that materials and other supplies held for use in the production of inventories are not written down below cost if the finished products in which they will be incorporated are expected to be sold at or above cost. The Company is operating in the regulatory environment and as per CERC Tariff regulations, cost of fuel and other inventory items are recovered as per extant regulations. Accordingly, the realisable value of the inventories is not lower than the cost.

e) Refer Note 14 and 19 for inventories pledged as security by the company.

f) Inventory recognised as expense during the year:

| Particulars | ₹ Lakhs | |
|---------------------------|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Fuel (Note 26) | 67,461.16 | 84,063.26 |
| Stores consumed (Note 30) | 305.40 | 392.92 |
| Total | <u>67,766.56</u> | <u>84,456.18</u> |

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अपर. महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

Kanti Bijles Upadan Nigam Limited
Notes to the financial statements

7 Trade receivables

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Trade Receivables (Unsecured, considered good) | 82,509.26 | 71,351.04 |
| Total | 82,509.26 | 71,351.04 |

- a) Refer Note 14 and 19 for trade receivables pledged as security by the company.
b) Trade Receivables includes ₹ 23,532.06 Lakhs (31 March 2020: ₹ 16,885.11 Lakhs) including unbilled revenue receivables from M/s Grid Corporation of Odisha (GRIDCO), one of the beneficiary of the Musafarpur Thermal Power Station Stage-II (2*195 MW) from whom no payment has been received by the company in lieu of allocated capacity inspite of repeated reminders. M/s GRIDCO has approached Power Ministry for de-allocation of power and has not released payments till date. Communication from the Ministry of Power is awaited. Since the Company has made available contracted supply to GRIDCO, the Company believes that GRIDCO is liable to make payment of all charges in line with PPA and CERC Regulations in force.

8 Cash and cash equivalents

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Balances with banks | | |
| Current accounts | 207.32 | 5,059.99 |
| Deposits with original maturity upto three months (including interest accrued) | 6,829.33 | 2,617.09 |
| Total | 7,036.65 | 7,677.08 |

9 Bank balances other than cash and cash equivalents

| Particulars | ₹ Lakhs | |
|---|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Deposits with original maturity of more than three months and maturing within one year (including interest accrued) | 316.60 | 131.74 |
| Earmarked balances with banks | 126.56 | 61.41 |
| Total | 443.16 | 193.16 |

- a) Deposits with original maturity of more than three months and maturing within one year represents ₹ 316.60 Lakh (31 March 2020: ₹ 131.74 Lakhs) which has been kept in corporate liquid term deposits with bank.
b) Earmarked balances with banks

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Margin Money against letter of credit (including interest accrued) | 52.94 | - |
| Fly Ash Utilisation Reserve fund (Note 13) | 73.62 | 61.41 |
| Total | 126.56 | 61.41 |

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Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements

10 Other financial assets

| Particulars | ₹ Lakhs | |
|---|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Unbilled revenue (Unsecured, considered good) | 16,367.73 | 12,092.57 |
| Others | | 727.96 |
| Total | 16,367.73 | 12,820.53 |

a) Unbilled revenue is net of credit to be passed to beneficiaries at the time of billing and includes ₹16,367.73 Lakhs (31 March 2020: ₹ 12,092.57 Lakhs) billed to the beneficiaries after 31 March for energy sales.

11 Other current assets

| Particulars | ₹ Lakhs | |
|--------------------------------------|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Unsecured Advances, considered good | | |
| Employees | 1.76 | 1.30 |
| Contractors & suppliers | 2,851.79 | 2,311.95 |
| Prepaid insurance | 246.67 | 243.25 |
| Claims recoverable | | |
| Unsecured, considered good | 357.42 | 326.69 |
| Deposits with Government Authorities | 752.28 | 752.27 |
| Assets held for disposal | 0.48 | 0.48 |
| Others | 6.31 | 3.46 |
| Total | 4,216.71 | 3,639.40 |

a) Deposits with Government Authorities includes an amount of ₹ 708.08 Lakhs (31 March 2020: ₹ 708.08 Lakhs) deposited under protest to Commercial Taxes Authorities against demand for Entry Tax.

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Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements

12 Share capital

| Particulars | As at 31 March 2021 | | As at 31 March 2020 | |
|---------------------------------------|---------------------|------------|---------------------|------------|
| | No. of shares | ₹ Lakhs | No. of shares | ₹ Lakhs |
| Equity share capital | | | | |
| Authorised | | | | |
| Equity shares of par value ₹10/- each | 2,000,000,000 | 200,000.00 | 2,000,000,000 | 200,000.00 |
| Issued, subscribed and fully paid up | | | | |
| Equity shares of par value ₹10/- each | 1,610,673,705 | 161,067.37 | 1,560,673,705 | 156,067.37 |

n) Movements in equity share capital:

| Particulars | As at 31 March 2021 | | As at 31 March 2020 | |
|-------------------------------------|---------------------|------------|---------------------|------------|
| | No. of shares | ₹ Lakhs | No. of shares | ₹ Lakhs |
| As the beginning of the year | 1,56,06,73,705 | 156,067.37 | 1,51,06,73,705 | 151,067.37 |
| Issued during the year- Right Issue | 5,00,00,000 | 5,000.00 | 5,00,00,000 | 5,000.00 |
| Outstanding at the end of the year | 1,61,06,73,705 | 161,067.37 | 1,56,06,73,705 | 156,067.37 |

h) Terms and rights attached to equity shares:

The Company has only one class of equity shares having a par value ₹ 10/- per share. The holders of the equity shares are entitled to receive dividends as declared from time to time and are entitled to voting rights proportionate to their share holding at the meetings of shareholders.

c) Details of shareholders holding more than 5% shares in the Company:

| Particulars | As at 31 March 2021 | | As at 31 March 2020 | |
|--------------------------------|---------------------|--------------|---------------------|--------------|
| | No. of shares | %age holding | No. of shares | %age holding |
| NTPC Ltd. (including nominees) | 1,61,06,73,705 | 100.00 | 1,56,06,73,705 | 100.00 |

d) Dividends not recognised at the end of the reporting period

| Particulars | ₹ Lakhs | |
|--|---------------------|---------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| The Board of Directors have recommended the payment of dividend of ₹ 0.13/- (31 March 2020: Nil) per fully paid equity share. This proposed dividend is subject to the approval of shareholders in the ensuing Annual General Meeting. | 2,093.88 | - |

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| Particulars | ₹ Lakhs | |
|---|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Share application money pending allotment | 6,000.00 | 5,000.00 |
| Retained earnings | 8,418.89 | (5,028.24) |
| Fly Ash Utilisation Reserve Fund | 73.62 | 61.41 |
| Total | 14,492.51 | 33.18 |

| a) Share application money pending allotment Reconciliation | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Opening balance | 5,000.00 | - |
| Add: Share application money received during the year | 6,000.00 | 10,000.00 |
| Less: Shares issued against share application money | 5,000.00 | 5,000.00 |
| Closing balance | 6,000.00 | 5,000.00 |

| b) Retained earnings Reconciliation | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Opening balance | (5,028.24) | (15,425.41) |
| Add: Profit for the year as per statement of profit and loss | 13,453.20 | 10,397.87 |
| Add: Items of other comprehensive income recognised directly in retained earnings Net actuarial gains/(losses) on defined benefit plans (net of tax) | (6.07) | (0.72) |
| Add: Rounding Off | - | 0.02 |
| Closing balance | 8,418.89 | (5,028.24) |

Retained Earnings are the profits of the Company earned till date net of appropriations. The same will be utilised for the purposes as per the provisions of the Companies Act, 2013.

Figures for the year ended 31 March 2020 have been re-arranged to enhance comparability with the current year Financial Statements

| c) Fly ash utilisation reserve fund Reconciliation | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Opening balance | 61.41 | - |
| Add: Transferred during the year: | | |
| Revenue from operations | 271.84 | 166.71 |
| Other Income | 15.27 | 1.60 |
| Less: Utilised during the year: | | |
| Tax Expenses | 2.58 | 13.00 |
| Other administration expenses | 272.32 | 93.90 |
| Closing balance | 73.62 | 61.41 |

Pursuant to Gazette Notification dated 3 November 2009, issued by the Ministry of Environment and Forest (MoEF), Government of India (GoI), the amount collected from sale of fly ash and fly ash based products should be kept in a separate account head and shall be utilised only for the development of infrastructure or facility, promotion & facilitation activities for use of fly ash until 100 percent fly ash utilisation level is achieved.

During the year, proceeds of ₹ 271.84 Lakhs (31 March 2020: ₹ 166.71 Lakhs) from sale of fly ash, and ₹ 15.27 Lakhs (31 March 2020: ₹ 1.60 Lakhs) towards interest on investment have been transferred to fly ash utilisation reserve fund. An amount of ₹ 274.90 Lakhs (31 March 2020: ₹ 105.90 Lakhs) has been utilised from the fly ash reserve fund on expenses incurred for activities as specified in the aforesaid notification of MoEF.

The fund balance of ₹ 73.62 Lakhs (31 March 2020: ₹ 61.41 Lakhs) has been kept in Bank balances other than cash & cash equivalents (refer note 9).

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Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements

14 Non-current borrowings

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Term loans | | |
| From Banks | | |
| Secured | | |
| Rupee term loan | 151,774.37 | 166,919.01 |
| From Others | | |
| Secured | | |
| Rupee term loan | 51,742.84 | 55,516.16 |
| Unsecured | | |
| Rupee term loan | 27,866.67 | 19,300.00 |
| | <u>231,383.88</u> | <u>241,735.17</u> |
| Less: Interest accrued but not due on Term Loans | | 1,303.70 |
| Less: Current maturities of term loans | | |
| From Banks | | |
| Secured rupee term loan | 19,731.87 | 16,960.44 |
| From Others | | |
| Secured rupee term loan | 3,782.62 | 3,353.82 |
| Unsecured rupee term loan | <u>11,433.33</u> | <u>6,433.33</u> |
| | <u>34,947.82</u> | <u>26,747.39</u> |
| Total | <u>196,436.06</u> | <u>213,684.08</u> |

a) Secured term loans

i) Loan from consortium led by State Bank of India for expansion project (2*195MW) at Kanti is secured by a first priority charge on all immovable properties, movable properties, both present & future, pertaining to project, including land measuring 975.05 acres and second charge on all inventories and receivables of the company. The security will rank pari-passu with all term lenders of the project including Canara Bank as detailed at S.No vi below. The charge has been created in favor of Security trustee i.e. SBICAP Trustee Company Limited. Legal mortgage of land in favor of security trustee has been executed for 377.18 acres (out of 975.05 acres) of land.

ii) Total sanctioned amount of loan and guarantee facility is ₹ 3,01,975.00 lakhs and ₹ 10,000.00 lakhs respectively. Repayment period of the loan is 11 years and repayment has started from 30 September 2017 on quarterly basis.

iii) The loan bears floating rate of interest linked to Base Rate of respective lenders subject to minimum interest rate of SBI six month MCLR plus 130 basis point (31 March 2020: one year MCLR plus 40 basis points).

iv) In first phase the charge with Registrar of Companies (ROC) was filed on 27 September 2011 for 594.84 Acres of Land and ROC issued certificate of Registration of Mortgage on 28 September 2011. In second phase 282.34 Acres of land was mortgaged on 7 November 2014. ROC issued certificate of Registration of Mortgage on 5 December 2014, certifying that the Mortgage/charge has been registered for ₹ 244,125.00 Lakhs in their office in accordance with the provisions contained in section 125 to 130 of the Companies

v) The Company had applied and availed deferment of quarterly instalment of ₹ 4,950.26 Lakhs due on 31 March 2020 for three months in terms of RBI Circular No RBI/2019-20/186 dated 27 March 2020. The moratorium of three months on payments of instalments (excluding interest component) falling due between 1 March 2020 to 31 May, 2020 on term loans as mentioned at s.no. i has been granted by lenders. The repayment schedule has been shifted across the board by three months after the moratorium period.

vi) The Company has tied up a term loan of ₹ 4,850.00 Lakhs from Canara Bank for managing liquidity during nation wide lockdown imposed in March 2020. The company availed entire loan amount in April 2020 from lender. The loan is secured by a first priority charge on all immovable properties, movable properties, both present & future, pertaining to project, including land measuring 975.05 acres and second charge on all inventories and receivables of the company. The security will rank pari-passu with all term lenders of the project as detailed at s.no. i above. The charge has been created in favour of Canara Bank with ROC. The loan is repayable in six equal quarterly instalments of ₹ 692.00 Lakhs w.e.f 30 September 2020 and remaining amount in seventh instalment on 31 March 2022.

vii) The Company has surrendered term loan of ₹ 43,400.00 Lakhs tied up from Canara Bank for R&M of Ash Dyeo Stage-I, FGD Systems of Stage-II, AWRS works of Stage-I and Liquid CIO2 works of Stage-I and Stage-II during the year in view of delay in award of related works.

b) Unsecured term loans

i) A term loan of ₹ 19,300.00 lakhs had been sanctioned by the parent company NTPC Limited during the financial year 2017-18 bearing fixed interest rate of 8% per annum (31 March 2020: 10% per annum) payable quarterly. The Company had drawn ₹ 8,000.00 lakhs during the FY 2017-18, ₹ 3,000.00 lakhs during the FY 2018-19 and remaining amount of ₹ 8,300.00 lakhs has been drawn during the FY 2019-20. The term loan is repayable in six equal half yearly instalments which has started from 30 September 2020.

ii) A term loan of ₹ 15,000.00 lakhs has been sanctioned by the parent company NTPC Limited during the financial year 2019-20 bearing fixed interest rate of 8% per annum (31 March 2020: 10% per annum) payable quarterly. The Company has drawn the loan amount during the year 2020-21. The term loan is repayable in six equated quarterly instalments starting from 31 December 2021.

c) There has been no default in repayment of any of the loans or interest thereon as at the end of the year.


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Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED



Kanti Bijlee Utpadan Nigam Limited
Notes to the financial statements

15 Other financial liabilities

| Particulars | ₹ Lakhs | |
|---------------------------------|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Other liabilities | | |
| Payable for capital expenditure | 2,075.14 | 1,697.45 |
| Total | 2,075.14 | 1,697.45 |

- a) Payable for capital expenditure represents liability towards equipment suppliers and erection vendors pending evaluation of performance and guarantee test results.

16 Non-current provisions

| Particulars | ₹ Lakhs | |
|---------------------------------|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Provision for employee benefits | | |
| Gratuity | 24.50 | 12.82 |
| Total | 24.50 | 12.81 |

- a) Disclosures required by Ind AS 19 'Employee Benefits' are made in note 34.
b) Figures for the year ended 31 March 2020 have been re-arranged to enhance comparability with the current year Financial Statements.

17 Deferred tax liabilities (net)

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Deferred tax liability | | |
| Difference in book depreciation and tax depreciation | 48,448.51 | 46,102.49 |
| Less: Deferred tax asset | | |
| Unabsorbed depreciation | 48,343.18 | 46,024.21 |
| Provisions | 195.33 | 78.28 |
| Total | - | - |

- a) Disclosures required by Ind AS 12 'Income Taxes' are made in note 42.
b) Deferred tax assets and deferred tax liabilities have been offset as they relate to the same governing laws.

18 Other non-current liabilities

| Particulars | ₹ Lakhs | |
|------------------|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Government grant | 4,484.58 | 13,453.74 |
| Total | 4,484.58 | 13,453.74 |

- a) Government grants represents amount received from Government of India through Government of Bihar under Rashtriya San Vikas Yojna (RSVY) for renovation and modernisation of stage I (2*110 MW).
b) Figures for the year ended 31 March 2020 have been re-arranged to enhance comparability with the current year Financial Statements.
c) There are no unfulfilled conditions or other contingencies attached to above grant.

| Particulars | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Carrying amount at the beginning of the year | 19,075.05 | 23,568.55 |
| Add: Additional grant received during the year | - | - |
| Less: Grant recognised as income during the year | 5,621.31 | 4,493.50 |
| Carrying amount at the end of the year | 13,453.74 | 19,075.05 |

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Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

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Notes to the financial statements

19 Current borrowings

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Secured loans repayable on demand | | |
| From Bank | 43,576.93 | 45,982.87 |
| Total | 43,576.93 | 45,982.87 |

- a) The loan is secured by hypothecation of trade receivables and inventories of the company.
b) The loan is secured by second charges on all immovable properties, movable properties, both present & future, pertaining to project, including land measuring 975.05 acres.
c) The loan bears a floating rate of interest linked to one year MCLR of Canara Bank (31 March 2020: three months MCLR of Canara
d) There has been no default in repayment of any of the loans or interest thereon during the year.

20 Trade payables

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| For goods and services | | |
| Total outstanding dues of micro and small enterprises | 633.64 | 605.48 |
| Total outstanding dues of creditors other than micro and small enterprises | 22,200.33 | 16,403.48 |
| Total | 22,833.97 | 17,008.96 |

- a) Refer note no. 35 for amounts due to related parties.
b) Disclosures as required under Companies Act, 2013/ MSMED Act, 2006 are provided in Note 37.
c) Outstanding dues other than micro and small enterprises includes ₹ 39.55 Lakhs (31 March 2020: ₹ 54.84 Lakhs) payable to parent company.

21 Other financial liabilities

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Current maturities of term loan | | |
| From Banks | | |
| Secured rupee term loan | 19,731.87 | 16,960.44 |
| From Others | | |
| Secured rupee term loan | 3,782.62 | 3,353.62 |
| Unsecured rupee term loan | 11,433.33 | 6,433.33 |
| Interest accrued but not due on Term Loans | - | 1,303.70 |
| Payable for capital expenditure | | |
| Total outstanding dues of micro and small enterprises | 1,003.48 | 971.42 |
| Total outstanding dues of creditors other than micro and small enterprises | 22,982.95 | 26,420.80 |
| Other payables | | |
| Deposits from contractors and others | 95.19 | 97.72 |
| Parent company | 11,948.77 | 10,734.92 |
| Payable to employees | 53.79 | 41.87 |
| Others | 2,061.18 | 1,661.42 |
| Total | 73,093.18 | 67,979.23 |

- a) Details in respect of rate of interest and terms of repayment of current maturities of secured and unsecured long term borrowings indicated above are disclosed in note 14.
b) Disclosures as required under Companies Act, 2013/ MSMED Act, 2006 are provided in Note 37.

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Notes to the financial statements

22 Other current liabilities

| Particulars | ₹ Lakhs | |
|---|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Government grant | 8,969.16 | 3,621.31 |
| Tax deducted at source and other statutory dues | 421.00 | 319.03 |
| Advance from Customers | 188.81 | 144.70 |
| Total | 9,578.97 | 6,085.04 |

a) Figures for the year ended 31 March 2020 have been re-arranged to enhance comparability with the current year Financial Statements.

23 Short-term provisions

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Provision for employee benefits | | |
| Leave encashment | 28.41 | 26.66 |
| Gratuity | 0.28 | 7.58 |
| Other provisions | | |
| Provisions for obligations incidental to land acquisition | 1,516.72 | 1,534.86 |
| Shortages in property, plant and equipment pending investigation | 2.27 | 2.27 |
| Total | 1,547.68 | 1,571.37 |

a) Disclosures required by Ind AS 19 'Employee Benefits' are made in note 34.

b) Figures for the year ended 31 March 2020 have been re-arranged to enhance comparability with the current year Financial Statements.

c) The assumptions made for provisions relating to current period are consistent with those in the earlier years. The assumptions and estimates used for recognition of such provisions are qualitative in nature and their likelihood could alter in next financial year. It is impracticable for the company to compute the possible effect of assumptions and estimates made in recognizing these provisions.

d) Provision for obligations incidental to land acquisition includes expenditure on rehabilitation & resettlement (R&R) including the amounts payable to the project affected persons (PAPs) towards expenditure for providing community facilities and expenditure in connection with environmental aspects of the project. Company has estimated the provision based on the Rehabilitation Action Plan (RAP) approved by the board/competent authority. The outflow of said provision is expected to be incurred immediately on fulfilment of conditions.

| Movements in provisions for obligations incidental to land acquisitions | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Reconciliation | | |
| Carrying amount at the beginning of the year | 1,534.86 | 1,647.34 |
| Add: Additions during the year | - | - |
| Less: Amounts used during the year | 18.14 | 112.48 |
| Carrying amount at the end of the year | 1,516.72 | 1,534.86 |

| Movement in provisions for shortages in property, plant and equipment pending investigations | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Reconciliation | | |
| Carrying amount at the beginning of the year | 2.27 | 176.84 |
| Add: Additions during the year | - | - |
| Less: Amounts used during the year | - | 174.58 |
| Carrying amount at the end of the year | 2.27 | 2.27 |

Chheda
अपर- महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

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Kanti Billee Utpadan Nigam Limited
Notes to the financial statements

24 Revenue from operations

| Particulars | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Sales | | |
| Energy Sales | 145,282.88 | 164,215.46 |
| Sale of Fly Ash | | |
| Sale of fly ash/ash products | 271.84 | 166.71 |
| Less: Transferred to Fly Ash Utilisation Reserve Fund | (271.84) | (166.71) |
| Other Operating Income | | |
| Recognized from deferred revenue - government grant | 5,621.31 | 4,493.50 |
| Interest from customers | 4.33 | 281.78 |
| Internal Consumption of Power | 76.69 | 91.81 |
| Total | 150,985.13 | 169,082.55 |

- a) The CERC has issued Tariff Order for MTPS Stage-II (2*195 MW) on 29 April 2019 for the period up to 31 March 2019 read with corrigendum dated 4 June 2019. Energy sales (net of credit) for the financial year 2020-21 has been provisionally accounted at ₹ 1,22,744.58 Lakhs (31 March 2020: ₹ 1,30,972.45 Lakhs) for MTPS Stage-II based on the said order.
- b) The CERC has issued tariff order for the period up to 31 March 2019 in respect of MTPS Stage-I(2*110MW) on 22 January 2020. Energy sales (net of credit) for the financial year 2020-21 has been provisionally accounting at ₹ 22,538.22 Lakhs (31 March 2020 : ₹ 33,160.30 Lakhs) for MTPS Stage-I based on the said order.
- c) Revenue from operations include ₹ 76.69 lakhs (31 March 2020: ₹ 91.81 lakhs) towards energy internally consumed, valued at variable cost of generation and the corresponding amount is included in power charges (Note 30).
- d) Refer note 43 for detailed disclosure in respect of revenue from contract with customers.
- e) Revenue from energy sales are not of rebate of ₹ 2952.90 Lakhs (31 March 2020 ₹ Nil) allowed to Discoms in terms of communication of Ministry of Power, Government of India dated 15 May 2020 and further clarification dated 16 May 2020.

25 Other Income

| Particulars | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Interest from | | |
| Financial assets at amortised cost | | |
| Advance to contractors | 24.60 | 304.82 |
| Deposits with banks | 187.71 | 2.72 |
| Deposits with banks fly ash utilisation reserve fund | 15.27 | 1.60 |
| Less: transferred to fly ash utilisation reserve fund | (15.27) | (1.60) |
| Income tax refund | 2.53 | - |
| Other non-operating income | | |
| Profit on disposal of PPE | - | 0.18 |
| Provision written back- Others | 35.09 | 174.58 |
| Provision written back- Shortage in Stores | 8.03 | 63.20 |
| Scrap Sales | 29.57 | 22.28 |
| Miscellaneous income | 242.02 | 184.68 |
| | 529.55 | 752.66 |
| Less: Transferred to expenditure during construction period (net)- Note 31 | 24.60 | 304.82 |
| Total | 504.95 | 447.84 |

- a) Miscellaneous income includes liabilities written back, rent recoveries from employees and others, liquidated damages, etc

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Addl. General Manager (Commercial)
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Kaunti Bijlee Utpanan Nigam Limited
Notes to the financial statements

26 Fuel Cost

| Particulars | ₹ Lakhs | |
|--------------|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Coal | 66,464.46 | 82,263.60 |
| Oil | 996.70 | 1,799.66 |
| Total | 67,461.16 | 84,063.26 |

27 Employee benefits expense

| Particulars | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Salaries and wages | 6,725.59 | 6,027.39 |
| Contribution to provident and other funds | 1,347.08 | 1,274.73 |
| Staff welfare expenses | 642.97 | 671.06 |
| | 8,715.64 | 7,973.18 |
| Less: Allocated to fuel cost | 482.74 | 309.48 |
| Less: Transferred to expenditure during construction period (net)- Note 31 | - | - |
| Total | 8,232.90 | 7,663.69 |

a) In accordance with the Accounting Policy no. C.16 (note-1), an amount of ₹ 1,049.55 Lakhs (31 March 2020: ₹ 1,037.21 Lakhs) towards provident fund, pension, gratuity, post retirement medical facilities & other terminal benefits and ₹ 638.31 lakhs (31 March 2020: ₹ 583.18 Lakhs) towards leave & other benefits, are paid /payable to the parent company NTPC Limited and included in 'Employee Benefits Expense'.

b) Disclosures required by Ind AS 19 'Employee Benefits' are made in note 34.

28 Finance costs

| Particulars | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Finance charges on financial liabilities measured at amortised cost | | |
| Rupee term loans | 21,186.50 | 22,278.85 |
| Cash credit | 3,127.44 | 3,816.39 |
| Others | - | 58.04 |
| Unwinding of discount on vendor liabilities | - | 13.37 |
| | 24,313.94 | 26,166.66 |
| Less: Transferred to expenditure during construction period (net)- Note 31 | 1,517.24 | 1,477.44 |
| Total | 22,796.70 | 24,689.22 |

29 Depreciation and amortization expense

| Particulars | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| On property, plant and equipment- Note 2 | 25,637.72 | 24,390.74 |
| On intangible assets- Note 4 | 27.14 | 22.90 |
| | 25,664.86 | 24,613.64 |
| Less: Allocated to fuel cost | 460.72 | 452.64 |
| Total | 25,204.14 | 24,161.00 |

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Addl. General Manager (Commercial)
एन टी सी लिमिटेड/NTPC LIMITED

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Notes to the financial statements

30 Other expenses

| Particulars | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
|--|-------------------------------------|-------------------------------------|
| | | ₹ Lakhs |
| Power charges | 76.69 | 365.10 |
| Less: Recovered from contractors & employees | 6.98 | 6.34 |
| | 69.71 | 358.76 |
| Water Charges | 406.05 | 790.63 |
| Stores consumed | 305.40 | 392.92 |
| Repairs & maintenance | | |
| Buildings | 98.62 | 120.02 |
| Machinery | 4,644.85 | 5,128.69 |
| Others | 606.19 | 649.43 |
| Load dispatch centre charges | 50.46 | 37.69 |
| Insurance | 811.73 | 804.20 |
| Interest to beneficiaries | - | 4,307.67 |
| Rates and taxes | 3.08 | 19.18 |
| Training & recruitment expenses | 3.50 | 28.90 |
| Communication expenses | 112.35 | 112.64 |
| Inland Travel | 261.52 | 418.88 |
| Foreign Travel | - | 0.45 |
| Tender expenses | 7.81 | 5.36 |
| Less: Receipt from sale of tenders | 0.50 | 0.95 |
| | 7.31 | 4.41 |
| Payment to auditors | 3.67 | 4.87 |
| Advertisement and publicity | 0.13 | 0.13 |
| Security expenses | 2,683.81 | 2,093.05 |
| Entertainment expenses | 82.81 | 75.27 |
| Expenses for guest house | 85.79 | 82.68 |
| Ash utilisation & marketing expenses | 335.17 | 93.90 |
| Professional charges and consultancy fee | 755.02 | 384.24 |
| Legal expenses | 71.18 | 120.59 |
| EDP hire and other charges | 0.90 | - |
| Printing and stationery | 3.87 | 12.57 |
| Hire charge of vehicles | 54.03 | 105.73 |
| Net loss/(gain) in foreign currency transactions & translations | 6.98 | 14.24 |
| Transport Vehicle running expenses | 68.47 | 73.60 |
| Horticulture Expenses | 8.46 | 17.14 |
| Demurrage Charges | 8.45 | 5.55 |
| Miscellaneous Expenses | 294.88 | 166.29 |
| Loss on disposal/write-off of PPE | 347.91 | 402.81 |
| | 12,191.29 | 16,827.17 |
| Less: Allocated to fuel cost | 709.97 | 756.22 |
| Less: Transferred to fly ash utilisation reserve fund | 272.32 | 93.90 |
| Less: Transferred to expenditure during construction period (net)- Note 31 | - | 273.29 |
| | 11,209.00 | 15,703.76 |
| Corporate Social Responsibility (CSR) expense (refer note 38) | 51.40 | - |
| Provisions for | | |
| Shortage in stores | 64.96 | 16.75 |
| Obsolete/Diminution in the value of surplus store | - | 60.68 |
| Shortage in construction stores | 6.35 | 47.85 |
| | 11,331.71 | 15,829.04 |

a) Interest to beneficiaries represents ₹ Nil Lakhs (31 March 2020: ₹ 4,307.67 Lakhs) towards amount payable to various beneficiaries subsequent to issuance of tariff order in respect of MTPS Stage-I dated 22 January, 2020 for the period up to 31 March 2019.

b) Miscellaneous expenses includes bank charges, brokerage, RPC Charges etc.

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Notes to the financial statements

30 Other expenses (continued)

c) Details in respect of payment to auditors (Inclusive of GST):

| As auditor | | |
|------------------------------------|-------------|-------------|
| Audit fee | 1.65 | 1.65 |
| Tax audit fees | 0.35 | 0.35 |
| Limited review | 1.06 | 1.06 |
| In other capacity | | |
| Other services (certification fee) | 0.61 | 1.69 |
| Reimbursement of expenses | - | 0.12 |
| Total | 3.67 | 4.87 |

31 Expenditure during construction period (net)

| Particulars | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| A. Finance costs | | |
| Interest on | | |
| Rupee term loans | 1,517.24 | 1,464.07 |
| Unwinding of discount on account of vendor liabilities | - | 13.37 |
| Total (A) | 1,517.24 | 1,477.44 |
| B. Generation, administration & other expenses | | |
| Power charges | - | 273.29 |
| Total (B) | - | 273.29 |
| C. Other income | | |
| Interest from contractors | 24.60 | 304.82 |
| Total (C) | 24.60 | 304.82 |
| Grand total (A+B-C) | 1,492.64 * | 1,445.91 * |

* Carried to Capital work-in-progress - Note 3

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32 Fair Value Measurements

a) Financial Instruments by category

All financial assets and liabilities viz. trade receivables, cash and cash equivalents, borrowings, trade payables, employee related liabilities, payable to related parties, deposits from contractors and suppliers and payable for expenses are measured at amortized cost.

b) Fair value hierarchy

To provide an indication about the reliability of the inputs used in determining fair value of financial instruments measured at amortized cost for which fair value is being disclosed, the company has classified these into levels prescribed under the Ind AS 113, 'Fair value measurement' details of which are as under:

| Financial liabilities which are measured at amortized cost for which fair values are disclosed | Level 2* | |
|--|-------------------|-------------------|
| | As at | As at |
| | 31 March 2021 | 31 March 2020 |
| Rupee term loan | 247,457.34 | 249,629.73 |
| Payable for capital expenditure | 2,257.07 | 1,975.83 |
| Total | 249,714.41 | 251,605.56 |

* Level 2: The fair value of financial instruments that are not traded in an active market is determined using valuation techniques which maximise the use of observable market data and rely as little as possible on entity specific estimates. If all significant inputs required to fair value an instrument are observable, the instrument is included in level 2.

c) Fair value of financial liabilities measured at amortized cost

| Particulars | As at 31 March 2021 | | As at 31 March 2020 | |
|---------------------------------|---------------------|-------------------|---------------------|-------------------|
| | Carrying amount | Fair value | Carrying amount | Fair value |
| | Rupee term loan | 331,383.68 | 247,457.34 | 241,735.17 |
| Payable for capital expenditure | 2,075.14 | 2,257.07 | 1,697.45 | 1,975.83 |
| Total | 333,458.82 | 249,714.41 | 243,432.62 | 251,605.56 |

The carrying amounts of short term trade receivables, cash and cash equivalents, borrowings, trade payables, employee related liabilities, payable to related parties, deposits from contractors and suppliers and payable for expenses are considered to be the same as their fair values, due to their short-term nature. The fair values for Rupee term loans and payable for capital expenditure were calculated based on cash flows discounted using a current lending rate. They are classified as level 2 fair values in the fair value hierarchy due to the use of observable market inputs.

33 Financial risk management

The Company's principal financial liabilities comprise loans in domestic currency and payables for capital expenditure. The main purpose of these financial liabilities is to finance the Company's operations. The Company's principal financial assets include cash and short-term deposits. This note presents information about the Company's exposure to each of the above risks, the Company's objectives, policies and processes for measuring and managing risk.

The Company is exposed to the following risks from its use of financial instruments:

- Credit risk
- Market risk
- Liquidity risk

a) Credit risk

Credit risk is the risk of financial loss to the Company if a customer or counterparty to a financial instrument fails to meet its contractual obligations resulting in a financial loss to the Company. It arises principally from loans and advances, cash and cash equivalents and deposits with banks and financial institutions.

Trade receivables and Unbilled Revenue

The Company primarily sells electricity to bulk customers comprising, mainly Discoms owned by State Governments. The risk of default in case of power supplied to these state owned companies is considered to be insignificant. The Company has not experienced any significant impairment losses in respect of trade receivables in the past years. A default occurs when in the view of management there is no significant possibility of recovery of receivables after considering all available options for recovery.

Cash and cash equivalents and Deposits with banks

The company has banking operations with State Bank of India and Canara Bank which are scheduled banks and are owned by Government. The risk of default with state controlled entities is considered to be insignificant.

(i) Exposure to credit risk

The carrying amount of financial assets represents the maximum credit exposure. The maximum exposure to credit risk at the reporting date was:

| Particulars | As at | As at |
|---|-------------------|------------------|
| | 31 March 2021 | 31 March 2020 |
| Financial assets for which loss allowance is measured using lifetime Expected Credit Losses (ECL) | | |
| Trade Receivables | 82,509.26 | 71,331.04 |
| Unbilled Revenue | 16,367.73 | 12,092.57 |
| Financial assets for which loss allowance is measured using 12 months Expected Credit Losses (ECL) | | |
| Cash and cash equivalent | 7,036.65 | 7,677.08 |
| Bank balances other than cash and cash equivalents | 443.16 | 193.16 |
| Other financial asset-Current | - | 727.96 |
| Total | 106,356.80 | 92,041.80 |

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Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

33 Financial risk management (continued)

(ii) Provision for expected credit losses

Financial assets for which loss allowance is measured using lifetime expected credit losses

The Company has customers (Government utilities) with capacity to meet the obligations and therefore the risk of default is negligible or nil. Further, management believes that the unimpaired amounts that are past due by more than 60 days are still collectable in full. Hence, no impairment loss has been recognised in respect of trade receivables.

Financial assets for which loss allowance is measured using 12 month expected credit losses

The company has trade receivables and other assets where the counter- parties have strong capacity to meet the obligations and where the risk of default is very low. Hence based on historic default rates, the Company believes that, no impairment allowance is necessary in respect of above mentioned financial assets.

(iii) Ageing analysis of trade receivables

The ageing analysis of the trade receivables is as below:

| Ageing | | | | | | ₹ Lakhs |
|---------------------|--------------------|---------------------|---------------------|----------------------|-----------------------------|-----------|
| | 0-30 days past due | 31-60 days past due | 61-90 days past due | 91-120 days past due | More than 120 days past due | Total |
| As at 31 March 2021 | 13,413.14 | 12,529.46 | 12,207.93 | 7,573.91 | 36,784.82 | 82,509.26 |
| As at 31 March 2020 | 12,516.35 | 2,886.31 | 12,427.74 | 10,796.83 | 32,723.82 | 71,351.04 |

b) Market risk

Market risk is the risk that changes in market prices, such as foreign exchange rates, interest rates and equity prices will affect the Company's income or the value of its holdings of financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimising the return.

The Board of directors is responsible for setting up of policies and procedures to manage market risks of the company. At present, any gain or loss on account of exchange risk variation shall be recognised in the statement of profit and loss after declaration of Commercial Operation Date (COD).

(i) Currency risk

The Company executes import agreements for the purpose of purchase of capital goods. Upto March 31, 2016 or till the date of commercial operation whichever is earlier, Company capitalised the exchange gain/loss on account of re-instatement/actual payment of the vendor liabilities. Such capital cost is allowed by CERC as recovery from beneficiaries. From 1 April 2016 exchange gain/loss on long term foreign currency monetary items will be recovered from beneficiaries as a part of rate regulated asset. Hence there is no risk in case of foreign exchange gain/loss on long term foreign currency monetary items. The exposure in case of foreign exchange gain/loss on short term foreign currency monetary items is considered to be insignificant.

The currency profile of financial assets and financial liabilities are as below:

| Particulars | As at 31 March 2021 | | | As at 31 March 2020 | | |
|---------------------------------|------------------------------|-----|-------|---------------------|-------|-------|
| | USD | JPY | Total | USD | JPY | Total |
| | Financial Liabilities | | | | | |
| Payable for capital expenditure | - | - | - | 52.68 | 44.75 | 97.43 |

Sensitivity analysis

Since the impact of strengthening or weakening of Indian rupee (₹) against USD and JPY on the statement of profit and loss would not be very significant, therefore, sensitivity analysis for currency risk is not disclosed.

Interest rate risk

The Company is exposed to interest rate risk arising from long term borrowing with floating interest rate. The Company is exposed to interest rate risk because the cash flows associated with floating rate borrowing will fluctuate with changes in interest rate.

Refer note 14 and 19 for interest rate profile of the Company's interest-bearing financial instrument at the reporting date.

Cash flow sensitivity analysis for variable-rate instruments

A change of 50 basis points in interest rates at the reporting date would have increased (decreased) CWP and/or profit or loss (before tax) by the amounts shown below. This analysis assumes that all other variables remain constant. The analysis is performed on the same basis for the previous year.

| Particulars | For the year ended 31 March 2021 | | For the year ended 31 March 2020 | |
|------------------|----------------------------------|----------------|----------------------------------|----------------|
| | 50 bp increase | 50 bp decrease | 50 bp increase | 50 bp increase |
| Rupee term items | 1,085.86 | (1,085.86) | 1,118.98 | (1,118.88) |
| Cash credit | 209.90 | (209.90) | 219.33 | (219.33) |

Of the above mentioned increase in the interest expense, major portion will be recognised in statement of profit and loss.

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33 Financial risk management (continued)

(c) Liquidity risk

Liquidity risk is the risk that the Company will encounter difficulty in meeting the obligations associated with its financial liabilities that are settled by delivering cash or another financial asset. The Company's approach to managing liquidity is to ensure, as far as possible, that it will always have sufficient liquidity to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Company's reputation.

The Company has an appropriate liquidity risk management framework for the management of short, medium and long term funding and liquidity management requirements. The Company manages liquidity risk by maintaining adequate cash reserves, banking facilities and reserve borrowing facilities by continuously monitoring forecast and actual cash flows and matching the maturity profiles of financial assets and liabilities.

The Company's treasury department is responsible for managing the short term and long term liquidity requirements of the Company. Short term liquidity situation is reviewed daily by Treasury. The Board of directors has established policies to manage liquidity risk and the Company's treasury department operates in line with such policies. Any breaches of these policies are reported to the Board of Directors. Long term liquidity position is reviewed on a regular basis by the Board of Directors and appropriate decisions are taken according to the situation.

Typically the Company ensures that it has sufficient cash on demand to meet expected operational expenses for a period of 60 days, including the servicing of financial obligations, this excludes the potential impact of extreme circumstances that cannot reasonably be predicted, such as natural disasters.

(i) Financing arrangements

The company had access to the following undrawn borrowing facilities at the end of the reporting period:

| Particulars | ₹ Lakhs | |
|---------------------------------|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Floating-rate borrowings | | |
| Term loans | 218,616.12 | 194,568.53 |
| Fixed-rate borrowings | | |
| Term loans | - | 15,000.00 |

(ii) Maturities of financial liabilities

The following are the contractual maturities of financial liabilities, based on contractual cash flows:

| As at 31 March 2021 | | | | | | | ₹ Lakhs |
|---|-------------------|------------------|------------------|------------------|-------------------|-------------------|---------|
| Contractual maturities of financial liabilities | 3 months or less | 3-12 months | 1-2 years | 2-5 years | More than 5 years | Total | |
| Rupee term loan from banks | 4,932.11 | 14,799.76 | 16,960.44 | 48,424.45 | 66,637.61 | 151,774.37 | |
| Rupee term loan from others | 891.15 | 2,901.47 | 4,381.62 | 14,561.60 | 29,017.00 | 51,742.84 | |
| Rupee term loan from NTPC Limited | - | 11,433.33 | 16,433.34 | - | - | 27,866.67 | |
| Trade Payables | 22,423.66 | - | - | - | - | 22,423.66 | |
| Payable for Capital Expenditure | 23,986.43 | - | 2,075.14 | - | - | 26,061.57 | |
| Loans repayable on demand from bank | 43,576.93 | - | - | - | - | 43,576.93 | |
| Deposits from contractors and others | 95.19 | - | - | - | - | 95.19 | |
| Payable to related parties | 12,359.08 | - | - | - | - | 12,359.08 | |
| Payable to employees | 53.79 | - | - | - | - | 53.79 | |
| Others | 2,061.18 | - | - | - | - | 2,061.18 | |
| Total | 110,269.52 | 29,134.56 | 39,850.54 | 62,986.05 | 95,674.61 | 338,015.28 | |

| As at 31 March 2020 | | | | | | | ₹ Lakhs |
|---|-------------------|------------------|------------------|------------------|-------------------|-------------------|---------|
| Contractual maturities of financial liabilities | 3 months or less | 3-12 months | 1-2 years | 2-5 years | More than 5 years | Total | |
| Rupee term loan from banks | 5,124.11 | 12,720.33 | 16,960.44 | 50,313.04 | 81,801.10 | 166,919.02 | |
| Rupee term loan from others | 1,129.86 | 2,643.46 | 3,782.62 | 13,306.22 | 34,154.00 | 55,516.16 | |
| Rupee term loan from NTPC Limited | - | 6,433.33 | 6,433.33 | 6,433.33 | - | 19,300.00 | |
| Trade Payables | 16,587.68 | - | - | - | - | 16,587.68 | |
| Payable for Capital Expenditure | 27,392.22 | - | 1,697.43 | - | - | 29,089.66 | |
| Loans repayable on demand from bank | 45,982.87 | - | - | - | - | 45,982.87 | |
| Deposits from contractors and others | 97.72 | - | - | - | - | 97.72 | |
| Payable to related parties | 11,156.20 | - | - | - | - | 11,156.20 | |
| Payable to employees | 41.87 | - | - | - | - | 41.87 | |
| Others | 1,661.42 | - | - | - | - | 1,661.42 | |
| Total | 109,173.93 | 21,797.13 | 28,873.84 | 70,652.59 | 115,955.10 | 346,352.59 | |

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34 Employee benefits

i) Employees on secondment from parent company NTPC Limited

(a) Defined contribution plans:

In accordance with the Accounting Policy no. C.16 (note-1), an amount of ₹ 1,049.55 Lakhs (31 March 2020: ₹ 1,037.21 Lakhs) towards provident fund, pension, gratuity, post retirement medical facilities & other terminal benefits and ₹ 638.31 lakhs (31 March 2020: ₹ 583.18 Lakhs) towards leave & other benefits, are paid /payable to the parent company NTPC Limited and included in 'Employee Benefits Expense'.

ii) Employees on the roll of the Company

(a) Defined contribution plans:

The company deposits contribution for Provident Fund in funds administered and managed by Government. During the year, amount of ₹ 6.28 Lakhs (31 March 2020: ₹ 4.84 Lakhs) is recognized as employee benefit expense

b) Defined benefit plan (Gratuity):

The Company operates an unfunded gratuity plan which provides lump sum benefits linked to the qualifying salary and completed years of service with the Company at the time of separation. Every employee who has completed 5 years of continuous service is entitled to receive gratuity at the time of his superannuation or separation from the organisation, whichever is earlier. The gratuity benefit that is payable to any employee, is computed in accordance with the provisions of 'The Payment of Gratuity Act, 1972'.

Based on the actuarial valuation report, the following tables set out the status of the gratuity plan and the amounts recognized in the Company's financial statements as at balance sheet date:

| Particulars | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| (i) Defined benefit liability | | |
| Provision for gratuity | | |
| Non-current | 24.50 | 12.82 |
| Current | 0.28 | 7.58 |
| Total | 24.78 | 20.40 |
| (ii) Movement in net defined benefit liability | | |
| Particulars | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Opening balance | 20.40 | 22.31 |
| Included in profit or loss: | | |
| Current service cost | 5.28 | 1.54 |
| Past service cost | - | - |
| Interest cost/income | 1.38 | 1.73 |
| Total amount recognized in profit or loss | 6.66 | 3.27 |
| Included in OCI: | | |
| Remeasurement loss/(gain) arising from: | | |
| Financial assumptions | - | 0.60 |
| Demographic assumptions | - | 0.01 |
| Experience adjustment | 5.83 | 0.26 |
| Return on plan assets excluding interest income | - | - |
| Total amount recognized in OCI | 5.83 | 0.88 |
| Contributions from the employer | - | - |
| Benefits paid | 8.10 | 6.06 |
| Closing balance | 24.78 | 20.40 |

(iii) Plan assets

The company does not have any plan assets.

(iv) Actuarial assumptions

The following were the principal actuarial assumptions at the reporting date:

| Particulars | As at | |
|---|----------------|----------------|
| | 31 March 2021 | 31 March 2020 |
| Discount rate | 6.75% | 6.75% |
| Salary escalation rate | 6.50% | 6.50% |
| Retirement age (years) | 60 years | 60 years |
| Mortality rates inclusive of provision for disability | IALM (2012-14) | TALM (2012-14) |
| Withdrawal rate | | |
| Up to 30 years | 3.00% | 3.00% |
| From 31 to 44 years | 2.00% | 2.00% |
| Above 44 years | 1.00% | 1.00% |

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34 Employee benefits (continued)

The principal assumptions are the discount rate & salary growth rate. The discount rate is based upon the market yields available on Government bonds at the accounting date relevant to currency of benefit payments for a term that matches the liabilities. Salary growth rate is company's long term best estimate as to salary increases and takes account of inflation, seniority, promotion, business plan, HR policy and other relevant factors on long term basis as provided in relevant accounting standard.

Attrition rates are the company's best estimate of employee turnover in future determined considering factors such as nature of business and industry, retention policy, demand and supply in employment market, standing of the company, business plan, HR Policy etc. as provided in the relevant accounting standard.

(v) Sensitivity analysis

Significant actuarial assumptions for the determination of the defined benefit obligation are discount rate and expected salary increase. The sensitivity analyses below have been determined based on reasonably possible changes of the assumptions occurring at the end of the reporting period, while holding all other assumptions constant:

| Particulars | ₹ Lakhs | |
|---|----------|----------|
| | Increase | Decrease |
| As at 31 March 2021 | | |
| Discount rate (0.50% movement) | (1.34) | 1.51 |
| Salary escalation rate (0.50% movement) | 1.51 | (1.45) |
| As at 31 March 2020 | | |
| Discount rate (1% movement) | (0.61) | 0.63 |
| Salary escalation rate (1% movement) | 0.63 | (0.62) |

Sensitivities due to mortality and withdrawals are not material and hence impact of change due to these are not calculated. Sensitivities as rate of increase of pensions in payment, rate of increase of pensions before retirement and life expectancy are not applicable.

(vi) Risk exposure

Salary Increases: Actual salary increases will increase the Plan's liability. Increase in salary increase rate assumption in future valuations will also increase the liability.

Investment Risk: If Plan is funded then assets liabilities mismatch & actual investment return on assets lower than the discount rate assumed at the last valuation date can impact the liability.

Discount Rate: Reduction in discount rate in subsequent valuations can increase the plan's liability.

Mortality & disability: Actual deaths & disability cases proving lower or higher than assumed in the valuation can impact the liabilities.

Withdrawals: Actual withdrawals proving higher or lower than assumed withdrawals and change of withdrawal rates at subsequent valuations can impact Plan's liability.

(vii) Expected maturity analysis of the gratuity benefits is as follows:

| Particulars | ₹ Lakhs | |
|-------------------|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Less than 1 year | 0.28 | 7.58 |
| Between 1-2 years | 0.31 | 0.24 |
| Between 2-5 years | 9.16 | 7.36 |
| Over 5 years | 18.03 | 5.21 |
| Total | 24.78 | 20.40 |

Expected contributions to post-employment benefit plans for the year ending 31 March 2022 are ₹ 7.65 Lakhs.

The weighted average duration of the defined benefit plan obligation at the end of the reporting period is 22.40 years (31 March 2020: 3.45 years).

c) Other long term employee benefit plans:

Compensated Absence

The company provides for earned leave benefit which accrues at 30 days per year. The earned leaves are encashable while in service or on separation. Total number of leaves that can be accumulated are 300 days. The scheme is unfunded and liability for the same is recognized on the basis of actuarial valuation. Since the compensated absences do not fall due wholly within twelve months after the end of the period in which the employees render the related service and are also not expected to be utilized wholly within twelve months after the end of such period, the benefit is classified as a long-term employee benefit.

A provision of ₹ 28.41 Lakhs (31 March 2020: ₹ 26.66 Lakhs) for the year have been made on the basis of actuarial valuation at the year end and debited to the Statement of Profit and Loss.

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35 Related party disclosures

a) List of Related parties:

i) Parent Company:
NTPC Limited

ii) Joint venture/Subsidiary of parent company:
Utility Powercoch Limited

iii) Key Managerial Personnel (KMP):

| | | |
|---------------------------|--------------------------|---|
| Shri Ramesh Babu V. | Chairman (Non-Executive) | (wef 11 May 2020) |
| Shri Prakash Tiwari | Chairman (Non-Executive) | (upto 30 April 2020) |
| Shri Ajay Dua | Non-Executive Director | |
| Shri Praveen Saxena | Non-Executive Director | (wef 7 February 2021) |
| Shri Asit Kumar Mukherjee | Non-Executive Director | (w.e.f. 18 May 2020 upto 31 January 2021) |
| Miss Shoba Pattabhiraman | Non-Executive Director | (wef 1 November 2019) |
| Shri S. Narendra | Non-Executive Director | (upto 30 April 2020) |
| Mrs. Saugata Bhunia | Non-Executive Director | (upto 9 October 2019) |
| Shri A.K. Munda | Chief Executive Officer | (wef 4 December 2020) |
| Shri Subrata Mandal | Chief Executive Officer | (wef 18 February 2020 upto 4 December 2020) |
| Shri U. Banerjee | Chief Executive Officer | (upto 17 February 2020) |
| Shri Ranjeet Bhattacharya | Chief Finance Officer | (wef 1 July 2020) |
| Shri V.K.Mittal | Chief Finance Officer | (upto 30 June 2020) |
| Ms. Priyanka Sethi | Company Secretary | (wef 22 September 2020) |
| Mrs. Ruchi Aggarwal | Company Secretary | (upto 16 March 2020) |

iv) Entities under the control of the same government:

The Company is a subsidiary of Central Public Sector Undertaking (CPSU) controlled by Central Government by holding 100% shares (31 March 2020; 100% shares). Pursuant to Paragraph 25 & 26 of Ind AS 24, entities over which the same government has control or joint control of, or significant influence, then the reporting entity and other entities shall be regarded as related parties. The Company has applied the exemption available for government related entities and have made limited disclosures in the financial statements. Such entities with which the Company has significant transactions include but not limited to Damodar Valley Corporation, Eastern Coalfields Ltd., Bharat Petroleum Corporation Ltd., Hindustan Petroleum Corporation Ltd., Central Coalfields Ltd., Bharat Heavy Electricals Ltd., RITES Ltd. etc.

b) Transactions with the related parties are as follows:

| Compensation to Key Managerial Personnel | | ₹ Lakhs | |
|--|--------------------------|-------------------------------------|-------------------------------------|
| Name | Nature of compensation | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Shri A.K. Munda | Short term benefits | 10.72 | - |
| Shri A.K. Munda | Post retirement benefits | 0.95 | - |
| Shri A.K. Munda | Other Long term benefits | 2.87 | - |
| Shri Subrata Mandal | Short term benefits | 47.17 | 4.86 |
| Shri Subrata Mandal | Post retirement benefits | 2.75 | 0.42 |
| Shri Subrata Mandal | Other Long term benefits | 8.33 | 2.96 |
| Shri U. Banerjee | Short term benefits | - | 49.26 |
| Shri U. Banerjee | Post retirement benefits | - | 3.23 |
| Shri U. Banerjee | Other Long term benefits | - | 10.29 |
| Shri Ranjeet Bhattacharya | Short term benefits | 35.93 | - |
| Shri Ranjeet Bhattacharya | Post retirement benefits | 2.29 | - |
| Shri Ranjeet Bhattacharya | Other Long term benefits | 6.93 | - |
| Shri V.K.Mittal | Short term benefits | 15.65 | 55.96 |
| Shri V.K.Mittal | Post retirement benefits | 1.25 | 3.52 |
| Shri V.K.Mittal | Other Long term benefits | 3.78 | 11.10 |
| Total | | 138.62 | 141.61 |

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35 Related party disclosures (continued)

| Name of related party | Nature of transaction | ₹ Lakhs | |
|--|--------------------------------------|-------------------------------------|-------------------------------------|
| | | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Transactions with parent company | | | |
| NTPC Limited | Equity contribution | 6,000.00 | 10,000.00 |
| NTPC Limited | Equity share issued | 5,000.00 | 5,000.00 |
| NTPC Limited | Unsecured loan taken | 15,000.00 | 8,300.00 |
| NTPC Limited | Unsecured loan repaid | 6,433.33 | 6,050.00 |
| NTPC Limited | Deputation of employees | 1,213.85 | 1,919.64 |
| NTPC Limited | Consultancy services | 2.17 | 21.38 |
| Transactions with joint venture/ subsidiary of parent company | | | |
| Utility Powertech Limited | Manpower supply services | 2,044.47 | 2,229.46 |
| Transactions with entities under the control of the same government | | | |
| Damodar Valley Corporation | Sales of power | 2,921.98 | 4,105.31 |
| Eastern Coalfields Ltd. | Purchase of coal | 3,671.96 | 4,041.31 |
| Bharat Petroleum Corporation Ltd. | Purchase of LDO | 313.91 | 1,286.19 |
| Hindustan Petroleum Corporation Ltd. | Purchase of LDO | 681.07 | 27.05 |
| Central Coalfields Ltd. | Purchase of coal | 37,590.81 | 49,952.05 |
| Bharat Heavy Electricals Ltd. | Purchase of capital goods & services | 4,634.98 | 1,543.81 |
| RITES Ltd. | Technical consultancy services | 621.29 | 2,207.66 |

c) Outstanding balances with related parties are as follows:

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Amount payable for unsecured term loans | | |
| - To NTPC Limited | 27,866.67 | 19,300.00 |
| Amount payable for sale/purchase of goods and services | | |
| - To NTPC Limited | 11,988.32 | 10,789.75 |
| - To Utility Powertech Limited | 370.76 | 366.44 |

d) Terms and conditions of transactions with the related parties:

- Transactions with the related parties are made on normal commercial terms and conditions and at market rates.
- The Company is assigning jobs on contract basis, for sundry works in plants/stations/offices to M/s Utility Powertech Ltd (UPL), a 50:50 joint venture between NTPC Ltd. and Reliance Infrastructure Ltd. UPL inter-alia undertakes jobs such as overhauling, repair, refurbishment of various mechanical and electrical equipments of power stations. The Company has entered into Power Station Office Maintenance Agreement with UPL from time to time. The rates are fixed on cost plus basis after mutual discussion and after taking into account the prevailing market conditions.
- The parent company NTPC Limited has seconded its personnel to the company as per the terms and conditions agreed between the companies, which are similar to those applicable for secondment of employees to other companies and institutions. The cost incurred by NTPC Limited towards superannuation and employee benefits are recovered from the company. For loans taken from NTPC Limited, refer

36 Disclosure as per Ind AS-33 on Earnings per share

| Particulars | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
|--|-------------------------------------|-------------------------------------|
| Basic earnings per share (In ₹) | 0.84 | 0.67 |
| Diluted earnings per share (In ₹) | 0.83 | 0.67 |
| Nominal value per share (In ₹) | 10.00 | 10.00 |
| (a) Profit attributable to equity shareholders (₹ Lakhs) | 13,447.13 | 10,397.15 |
| (b) Weighted average number of equity shares | | |
| Opening balance of issued equity shares | 1,560,673,705 | 1,510,673,705 |
| Effect of shares issued during the year, if any | 38,493,151 | 39,755,270 |
| Weighted average number of equity shares for Basic EPS | 1,599,166,856 | 1,550,428,975 |
| Opening balance of issued equity shares | 1,560,673,705 | 1,510,673,705 |
| Effect of shares issued during the year, if any | 50,164,384 | 42,152,531 |
| Weighted average number of equity shares for Diluted EPS | 1,610,838,089 | 1,552,826,236 |

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37. Information in respect of micro and small enterprises as required by Micro, Small and Medium Enterprises Development Act, 2006

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| a) Amount remaining unpaid to any supplier: | | |
| Principal amount | 1,637.12 | 1,576.90 |
| Interest due thereon | - | 19.16 |
| b) Amount of interest paid in terms of Section 16 of the MSMED Act, 2006 along-with the amount paid to the suppliers beyond the appointed day. | - | - |
| c) Amount of interest due and payable for the period of delay in making payment (which have been paid but beyond the appointed day during the year) but without adding the interest specified under the MSMED Act, 2006. | - | - |
| d) Amount of interest accrued and remaining unpaid | - | 19.16 |
| e) Amount of further interest remaining due and payable even in the succeeding years, until such date when the interest dues as above are actually paid to the small enterprises, for the purpose of disallowances as a deductible expenditure under Section 23 of MSMED Act, 2006 | - | - |

38. Corporate Social Responsibility Expenses (CSR)

As per Section 135 of the Companies Act, 2013 read with guidelines issued by Department of Public Enterprises, GOI, the Company is required to spend, in every financial year, at least two per cent of the average net profits of the Company made during the three immediately preceding financial years in accordance with its CSR Policy. The details of CSR expenses for the year are as under:

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| a) Amount required to be spent on CSR activities | | |
| Amount required to be spent during the year | 49.12 | - |
| Amount spent during the year on- | | |
| (i) Construction/ acquisition of any asset | 7.66 | - |
| (ii) On purposes other than (i) above | 43.74 | - |
| Total | 51.40 | - |

| Particulars | ₹ Lakhs | |
|--|---------|------------------------|
| | In cash | Yet to be paid in cash |
| b) Amount spent on CSR activities | | |
| Amount spent during the year ended 31 March 2021 | | |
| (i) Construction/ acquisition of any asset | 7.66 | - |
| (ii) On purposes other than (i) above | 43.74 | - |
| Amount spent during the year ended 31 March 2020 | | |
| (i) Construction/ acquisition of any asset | - | - |
| (ii) On purposes other than (i) above | - | - |

| Particulars | ₹ Lakhs | |
|--|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| c) Break-up of the CSR expenses under major heads is as under: | | |
| Healthcare and sanitation | 43.74 | - |
| Education and skill development | 7.66 | - |
| Total | 51.40 | - |

39. Disclosure as per Ind AS 116 'Leases

a) The Company acquires land on leasehold basis for a period generally ranging from 25 years to 99 years from/ through the government authorities which can be renewed further based on mutually agreed terms and conditions. The leases are non cancellable. The Right-of-use land is amortised considering the significant accounting policies of the Company.

| Particulars | ₹ Lakhs | |
|------------------------------------|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| b) Movement of Right-of-use assets | | |
| Opening balance | 10,953.04 | 11,174.53 |
| Depreciation for the year | (221.49) | (221.49) |
| Closing balance | 10,731.55 | 10,953.04 |

c) The Company has recognised ₹ 221.49 Lakhs (31 March 2020: ₹ 221.49 Lakhs) as depreciation expense for right-of-use assets amounting in the statement of profit or loss:

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40. Capital Management

The Company's objectives when managing capital are to:

Safeguard its ability to continue as a going concern, so that it can continue to provide returns for shareholders and benefits for other stakeholders and maintain an appropriate capital structure of debt and equity.

The Board of Directors has the primary responsibility to maintain a strong capital base and reduce the cost of capital through prudent management in deployment of funds and leveraging opportunities in domestic and international financial markets so as to maintain investors, creditors and market confidence and to sustain future development of the business.

The Company monitors capital, using a medium term view of three to five years, on the basis of a number of financial ratios generally used by industry and by the rating agencies. The Company is not subject to externally imposed capital requirements.

The Company monitors capital using gearing ratio which is net debt divided by total equity. Net debt comprises of long term and short term borrowings less cash and cash equivalent. Equity includes equity share capital and reserves that are managed as capital. The gearing ratio at the end of the reporting periods was as follows:

| Particulars | ₹ Lakhs | |
|---------------------------------|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Borrowings | 274,960.81 | 287,718.04 |
| Less : Cash and cash equivalent | 7,036.65 | 7,677.08 |
| Net debt | 267,924.16 | 280,040.96 |
| Total equity | 175,569.88 | 156,100.53 |
| Net debt to equity ratio | 1.53 | 1.79 |

41. Disclosure as per Ind AS 37 on 'Provisions, Contingent Liabilities and Contingent Assets'

Contingent Liability

a) Arbitration/Civil court cases against the company in respect of capital works:

Some contractors for supply and installation of equipment and execution of works at our project have made claims on the Company for ₹ 35,573.11 Lakh (31 March 2020: ₹ 29,686.53 Lakh) seeking revision of L2 rate for supply contract and erection contract, non-imposition of L.D, payment of over stay compensation, compensation for the extended period of work, idle charges etc. These claims are being contested by the company as being not admissible in terms of the provisions of the respective contracts. The company is pursuing various options under the dispute resolution mechanism available in the contracts for settlement of these claims.

b) Disputed Income Tax/Sales Tax/ Excise Matters:

Disputed service tax and entry tax demand amounting to ₹ 1,587.95 Lakh (31 March 2020: ₹ 748.96 Lakh) in respect of interest and penalty on differential Entry Tax on purchase of LDO and Steel pertaining to various Financial Years is pending before different authorities of Commercial Tax.

c) Others:

Other contingent liabilities amount to ₹ 2,453.11 Lakhs (31 March 2020: ₹ 1,151.35 Lakhs) relating to Electricity Charges, Water Charges, Industrial Dispute, compensation cess for under utilisation of Fly ash and Labour Court cases.

Capital and other commitments

Estimated amount of contracts remaining to be executed on capital works account and not provided for as at 31 March 2021 is ₹ 61,684.38 Lakhs (31 March 2020: ₹ 57,190.29 Lakhs).

Contingent asset

CERC (Terms & Conditions of Tariff) Regulations 2014-19 and 2019-20 provide for levy of Late Payment Surcharge by generating company in case of delay in payment by beneficiaries beyond 60 days from the date of presentation of bill. Surcharge income is recognised only when no significant uncertainty of ultimate collection exists. Accordingly, late payment surcharge and amount recoverable from PND on account of BG encashment of ₹ 34,780.60 Lakhs (31 March 2020: ₹ 20,477.05 Lakhs) has not been recognised.

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Kaati Bijlee Utpadan Nigam Limited
Notes to the financial statements

42 Income taxes

a) Income tax recognised in Statement of Profit and Loss

| Particulars | ₹ Lakhs | |
|---------------------------------|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Current tax expense | | |
| Current year | 2,890.03 | 2,268.48 |
| Pertaining to earlier years | 120.24 | 457.83 |
| Total | 3,010.27 | 2,726.31 |
| Deferred tax expense | | |
| Total income tax expense | 3,010.27 | 2,726.31 |

b) Income tax recognised in other comprehensive income

| Particulars | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Net actuarial gains/(losses) on defined benefit plans | (7.35) | (0.87) |
| Less: Income tax relating to above items | 1.28 | 0.15 |
| Other comprehensive income / (expense) for the year, net of income tax | (6.07) | (0.72) |

c) Reconciliation of tax expense and the accounting profit multiplied by India's domestic tax rate

| Particulars | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Profit before tax | 16,463.47 | 13,124.18 |
| Tax at Company's domestic tax rate of 34.944% | 5,752.99 | 4,586.11 |
| Tax effect of: | | |
| Difference on account of MAT rate | (2,876.50) | (2,293.06) |
| Non Deductible tax expenses | - | 9.82 |
| Previous year tax liability | 120.24 | 457.83 |
| Temporary difference not recognised in books of accounts | 13.54 | (34.39) |
| Total | 3,010.27 | 2,726.31 |

d) The Company has not recognised deferred tax asset of ₹ 10,304.10 Lakhs (31 March 2020: ₹ 16,349.29 Lakhs), considering uncertainty of future taxable profit against which such deferred tax asset can be utilised on unabsorbed depreciation. In terms of provisions of Income Tax Act, 1961, unabsorbed depreciation can be carried forward indefinitely for set off.

e) Movement in deferred tax balances

For the year ended 31 March 2021

| Particulars | ₹ Lakhs | | |
|--|-----------------|----------------------------------|-----------------|
| | Opening balance | Recognised in profit and loss | Closing balance |
| Deferred tax liability | | | |
| Difference in book depreciation and tax depreciation | 46,102.49 | 2,346.02 | 48,448.51 |
| Less: Deferred tax asset | | | |
| Unabsorbed depreciation | 46,024.21 | 2,318.97 | 48,343.18 |
| Provisions | 78.28 | 27.05 | 105.33 |
| Deferred tax liabilities (net) | | | |

For the year ended 31 March 2020

| Particulars | ₹ Lakhs | | |
|--|-----------------|----------------------------------|-----------------|
| | Opening balance | Recognised in profit and loss | Closing balance |
| Deferred tax liability | | | |
| Difference in book depreciation and tax depreciation | 39,925.87 | 6,176.62 | 46,102.49 |
| Less: Deferred tax asset | | | |
| Unabsorbed depreciation | 39,778.80 | 6,245.41 | 46,024.21 |
| Provisions | 147.07 | (68.79) | 78.28 |
| Deferred tax liabilities (net) | | | |

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अपर- महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
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43 Revenue from contracts with customers

a) Nature of goods and services

The revenue of the Company comes from energy sales. The Company sells electricity to bulk customers, mainly power utilities owned by State Governments as well as private Discoms operating in States. Sale of electricity is generally made pursuant to long-term Power Purchase Agreements (PPAs) entered into with the beneficiaries.

Nature, timing of satisfaction of performance obligations and significant payment terms

The Company recognises revenue from contracts for energy sales over time as the customers simultaneously receive and consume the benefits provided by the Company. The tariff for computing revenue from energy sales is determined in terms of CERC Regulations as notified from time to time. The amount of revenue recognised for energy sales is adjusted for variable consideration, wherever applicable, which are estimated based on the historical data available with the Company. The amounts are billed on a monthly basis and invoices are payable within contractually agreed credit period.

b) Disaggregation of revenue

In the following table, revenue is disaggregated on the basis of major customer and timing of revenue recognition:

| Particulars | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Major customers | | |
| North Bihar Power Distribution Company Limited | 53,353.35 | 39,895.71 |
| South Bihar Power Distribution Company Limited | 62,163.20 | 70,144.36 |
| Others | 29,766.25 | 34,174.39 |
| Total | 145,282.80 | 164,215.46 |
| Timing of revenue recognition | | |
| Over time | 145,282.80 | 164,215.46 |
| At a point in time | - | - |
| Total | 145,282.80 | 164,215.46 |

c) Contract balances

Contract assets are recognised when there is excess of revenue earned over billings on contracts. Contract assets are classified as unbilled revenue when there is unconditional right to receive cash, and only passage of time is required, as per contractual terms. The contract liabilities primarily relate to the advance consideration received from the customers which are referred as 'advances from customers'.

The following table provides information about receivables and contract assets from contracts with customers:

| Particulars | ₹ Lakhs | |
|------------------------|------------------------|------------------------|
| | As at 31 March 2021 | As at 31 March 2020 |
| Trade receivables | 82,509.26 | 71,351.04 |
| Unbilled revenue | 16,367.73 | 12,092.57 |
| Advance from customers | 188.81 | 144.70 |

During the year ended 31 March 2021, ₹ 12,092.57 Lakhs of unbilled revenue as of 1 April 2020 has been reclassified to trade receivables upon billing to customers as per payment terms defined in respective agreements. There is no other significant change in the contract balance during the year ended 31 March 2021.

d) Reconciliation of revenue recognised with contract price:

| Particulars | ₹ Lakhs | |
|---------------------------|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| Contract price | 145,282.80 | 164,215.46 |
| Adjustments | - | - |
| Revenue recognised | 145,282.80 | 164,215.46 |

e) Applying the practical expedients as given in Ind AS 115:

i) The Company does not expect to have any contracts where the period between the transfer of the promised goods or services to the customer and payment by the customer exceeds one year. As a consequence, the Company does not adjust any of the transaction prices for the time value of money.

ii) The Company has not disclosed the remaining performance obligation related disclosures for contracts where the revenue recognized corresponds directly with the value to the customer of the entity's performance completed to date.

f) The Company has not incurred any incremental costs of obtaining contracts with a customer and therefore, not recognised an asset for such

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44 Operating segment

The Company's Board of Directors have been identified as the Chief Operating Decision Maker (CODM). In the opinion of the management, there is only one reportable segment ("Generation of energy"). Accordingly, no separate disclosure for segment reporting is required to be made in the financial statements of the Company. Further, the Company operates only in one geographical segment which is India.

Entity wide disclosures

a) Information about products and services

The Company is involved in the generation and sale of bulk power to State Power Utilities.

b) Information about geographical areas

The entire sales of the Company are made to customers which are domiciled in India. Also, all the non-current assets of the Company are located within India.

c) Information about major customers (from external customers)

Revenue from customers which is more than 10% of the Company's total revenues, are as under:

| Name of the Customers | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the year ended 31 March 2021 | For the year ended 31 March 2020 |
| North Bihar Power Distribution Company Limited | 53,353.35 | 59,896.71 |
| South Bihar Power Distribution Company Limited | 62,163.20 | 70,144.36 |
| Total | 115,516.55 | 130,041.07 |

45 Covid-19 Disclosure

Due to the second wave of infection in the country, several State Governments have again announced partial lockdowns from the mid of April 2021 which are in force at present also. The Company has made initial assessment of likely adverse impact on business and financial risks.

The Company is in the business of generation and sale of electricity which is an essential service as emphasized by the Ministry of Power, Government of India. The Company has ensured the availability of its power plant to generate power and has continued to supply power during the period of lockdown. However, for the short-term period the demand of power is expected to be lower and accordingly, the Company has to operate its power plants at lower load factor.

The Company has implemented a number of initiatives to ensure business continuity, including ensuring the safety and health of its employees. The Company does not anticipate any medium to long term risks in the Company's ability to continue as a going concern and meeting its liabilities as and when they fall due. Further, the Company has estimated its future cash flows which indicates no major change in the financial performance as estimated prior to COVID-19 impact.

- 46 On March 24, 2021, the Ministry of Corporate Affairs ("MCA") through a notification, amended Schedule III of the Companies Act, 2013. The amendments revise Division I, II and III of Schedule III and are applicable from April 1, 2021. Key amendments relating to Division II which relate to companies whose financial statements are required to comply with Companies (Indian Accounting Standards) Rules 2015 are:

Balance Sheet

- Certain additional disclosures in the statement of changes in equity such as changes in equity share capital due to prior period errors and restated balances at the beginning of the current reporting period.
- Specified format for disclosure of shareholding of promoters.
- Specified format for ageing schedule of trade receivables, trade payables, capital work-in-progress and intangible asset under development.
- If a company has not used funds for the specific purpose for which it was borrowed from banks and financial institutions, then disclosure of details of where it has been used.
- Specific disclosure under 'additional regulatory requirement' such as compliance with approved schemes of arrangements, compliance with number of layers of companies, title deeds of immovable property not held in name of company, loans and advances to promoters, directors, key managerial personnel (KMP) and related parties, details of benami property held etc.

Statement of profit and loss

Additional disclosures relating to Corporate Social Responsibility (CSR), undisclosed income and crypto or virtual currency specified under the head 'additional information' in the notes forming part of the standalone financial statements.

The amendments are extensive and the Company will evaluate the same to give effect to them as required by law.

RB-

अपर. महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

Kand Billee Utpadan Nigam Limited
Notes to the financial statements

- 47 The Board of Directors of Parent Company NTPC Limited, in its meeting held on 13 October 2018, have approved the merger of the Company with NTPC Limited, on going concern basis, subject to approval of Ministry of Power and compliance to statutory conditions. Subsequently, the proposed merger has also been approved by the Board of Directors of the Company, in its meeting held on 15 January. The proposed merger is currently in the process of approval from Regulatory Authorities and will become effective after the said approvals are received and its certified copies are filed with the Registrar of Companies.
- 48 **New Accounting Pronouncements**
- a) Amendment to Ind AS 116 'Leases' - COVID-19 related rent concessions
 The amendment provides a practical expedient which permits a lease not to assess whether a COVID-19 related rent concession is a lease
- b) Amendment to Ind AS 1 and Ind AS 8 - definition of 'material'
 The amendment is not intended to change the underlying 'materiality' concept rather it provides broader guidance and make it easy to
- c) Amendment to Ind AS 10 and Ind AS 37 - material non adjusting event
 The amendment requires an entity to disclose the nature and estimate of financial effect of a material non-adjusting event after the reporting
- The above amendments do not have any material impact on the Company.
- 49 Figures pertaining to the previous year have been rearranged/regrouped, wherever necessary, to make them comparable with those of current year.
- 50 The company does not maintain cash book since it does not have dealing in cash transactions.

For and on behalf of the Board of Directors

Priyanka Sethi
New Delhi
12/06/2021
 (Priyanka Sethi)
 CS

R. Bhattacharya
 (R. Bhattacharya)
 CFO

S. Chandra Nalk
 (Suvash Chandra Nalk)
 CEO

Ajay Dua
 (Ajay Dua)
 Director
New Delhi
12/06/2021

Ramesh Babu V
 (Ramesh Babu V)
 Chairman
New Delhi
12/06/2021

Place: *KATI*
 Date: *12.06.2021*

These are the notes referred to in Balance Sheet and Statement of Profit and Loss.

For A. R. Sureka & Co.
 Chartered Accountants

NEERAJ Digitally signed by
 KUMAR NEERAJ KUMAR
 SUREKA SUREKA
 Date: 2021.06.17
 11:28:07 +05'30'

Neeraj Kumar Sureka
 Partner
 Membership No. 056920
 Firm Reg. No.: 060360C
 Place :
 Date :

Chheda
 अपर-महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड / NTPC LIMITED

BS - FY 21-22
(AS ON CLOSURE)

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
(Erstwhile M/s Kanti Bijlee Utpadan Nigam Limited)

BALANCE SHEET AS ON CLOSURE OF STAGE-I

| Particulars | Note No. | ₹ Lakhs | |
|--|----------|------------------------------|-----------------------------------|
| | | As at 07 Sep ²⁰²¹ | As at 31 March 2021 ²⁰ |
| ASSETS | | | |
| Non-current assets | | | |
| Property, plant and equipment | 2 | 3,38,258.78 | 3,49,923.17 |
| Capital work-in-progress | 3 | 46,832.71 | 45,544.51 |
| Intangible assets | 4 | 16.88 | 29.67 |
| Other non current assets | 5 | 10,854.05 | 10,730.94 |
| Total non-current assets | | 3,95,962.42 | 4,06,228.29 |
| Current assets | | | |
| Inventories | 6 | 9,960.53 | 12,409.09 |
| Financial Assets | | | |
| Trade Receivables | 7 | 1,27,431.54 | 82,509.26 |
| Cash and cash equivalents | 8 | 5,694.30 | 7,036.65 |
| Bank balances other than cash and cash equivalents | 9 | 582.12 | 443.16 |
| Other financial assets | 10 | 2,327.67 | 16,367.73 |
| Other current assets | 11 | 7,434.20 | 4,216.71 |
| Total current assets | | 1,53,430.36 | 1,22,982.60 |
| TOTAL ASSETS | | 5,49,392.78 | 5,29,210.89 |
| EQUITY AND LIABILITIES | | | |
| Equity | | | |
| Equity share capital | 12 | 1,67,067.37 | 1,61,067.37 |
| Other equity | 13 | 13,109.46 | 14,492.51 |
| Total equity | | 1,80,176.83 | 1,75,559.88 |
| Liabilities | | | |
| Non-current liabilities | | | |
| Financial liabilities | | | |
| Borrowings | 14 | 1,88,831.59 | 1,96,436.06 |
| Other financial liabilities | 15 | 2,096.61 | 2,075.14 |
| Provisions | 16 | 25.32 | 24.50 |
| Deferred tax liabilities (net) | 17 | 0.00 | - |
| Other non-current liabilities | 18 | - | 4,484.58 |
| Total non-current liabilities | | 1,90,953.52 | 2,03,020.28 |
| Current liabilities | | | |
| Financial liabilities | | | |
| Borrowing | 19 | 85,756.13 | 78,524.75 |
| Trade payables | | | |
| Total outstanding dues of micro and small enterprises | 20 | 1,003.96 | 633.64 |
| Total outstanding dues of creditors other than micro and small enterprises | | 42,080.80 | 22,200.33 |
| Other financial liabilities | 21 | 38,093.91 | 38,145.36 |
| Other current liabilities | 22 | 9,779.25 | 9,578.97 |
| Provisions | 23 | 1,548.38 | 1,547.68 |
| Total current liabilities | | 1,78,262.44 | 1,50,630.73 |
| TOTAL EQUITY AND LIABILITIES | | 5,49,392.78 | 5,29,210.89 |

Significant accounting policies

The accompanying notes 1 to 31 form an integral part of these financial statements.

For & on behalf of M/s S D AND ASSOCIATES

Durga Shankar
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Durga Shankar
Date: 2024.11.14
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VENKATESWAR BOMPADA
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(Head of Finance)

MADHU SANKARA PODUVAL
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(Head of Unit)

Chhast.
अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
(Erstwhile M/s Kanti Bijlee Utpadan Nigam Limited)

STATEMENT OF PROFIT AND LOSS FOR THE PERIOD UP 07 SEP 2021

₹ Lakhs

| Particulars | Note No. | For the period ended 07 Sep 2021 | For the year ended 31 March 2021 |
|--|-------------|-------------------------------------|-------------------------------------|
| Revenue | | | |
| Revenue from operations | 24 | 72,104.63 | 1,50,985.13 |
| Other income | 25 | 247.38 | 504.95 |
| Total Revenue | | 72,352.01 | 1,51,490.08 |
| Expenses | | | |
| Fuel Cost | 26 | 37,324.56 | 67,461.16 |
| Employee benefits expense | 27 | 3,090.30 | 8,232.90 |
| Finance costs | 28 | 8,942.58 | 22,796.70 |
| Depreciation and amortization expense | 29 | 12,744.04 | 25,204.14 |
| Other expenses | 30 | 4,803.38 | 11,331.71 |
| Total expenses | | 66,904.86 | 1,35,026.61 |
| Profit before tax | | 5,447.15 | 16,463.47 |
| Tax expense | | | |
| Current tax | | | |
| Current Year | | 951.73 | 2,890.03 |
| Earlier Years | | - | 120.24 |
| Total tax expense | | 951.73 | 3,010.27 |
| Profit/Loss for the period | | 4,495.42 | 13,453.20 |
| Other comprehensive income/ (expense) | | | |
| Items that will not be reclassified to profit or loss and its related income tax effects | | | |
| - Remeasurement gains/ (losses) on defined benefit plan | | - | (7.35) |
| - Less: Income tax relating to items that will not be reclassified to profit or loss | | - | (1.28) |
| Other comprehensive income/(expense) for the year, net of income tax | | - | (6.07) |
| Total comprehensive income for the year | | 4,495.42 | 13,447.13 |
| Significant accounting policies | 1 | | |
| Expenditure during construction period (net) | 31 | | |

The accompanying notes 1 to 31 form an integral part of these financial statements.

For & on behalf of M/s S D AND ASSOCIATES

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(Head of Finance)

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(Head of Unit)

**NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
(Erstwhile M/s Kanti Bijlee Utpadan Nigam Limited)**

Notes to the financial statements

1. Company Information and Significant Accounting Policies

A. Reporting Entity

Ministry of Corporate Affairs (MCA) vide its order dated 29 July 2022 has approved the Scheme of Amalgamation of Kanti Bijlee Utpadan Nigam Limited (KBUNL) (CIN: U40102DL2006GOI153167) into NTPC Limited w.e.f. 01st April 2022 which is the appointed date. The scheme of amalgamation between Kanti Bijlee Utpadan Nigam Limited (wholly owned subsidiary of NTPC Limited) and NTPC Limited has been filed with the Registrar of Companies, NCT, Delhi on 26th August 2022 & thus the scheme has become effective on the said date. After filing of the scheme, the corporate identity of KBUNL has ceased to exist after the said date.

During the year, the Company decommissioned its MTPS Stage-1 (2 X 110 MW) plant ("decommissioned plant") with effect from 8 September 2021 as a result of the customers' exit from the PPA. The Board of Directors of the Company approved the discontinuance of operations in the meeting held on 26 October 2021. The Board of Directors of the Parent Company also approved it in the meeting held on 30 December 2021. The financial statements of NTPC Limited, Muzaffarpur TPS (Kanti Bijlee) (Erstwhile M/s Kanti Bijlee Utpadan Nigam Limited) for the period 01.04.2021 to 07.09.2021 have been prepared.

B. Basis of preparation

1. Statement of Compliance

These financial statements are prepared on going concern basis following accrual system of accounting and comply with the Indian Accounting Standards (Ind AS) prescribed under Section 133 of the Companies Act, 2013 read with the Companies (Indian Accounting Standards) Rules, 2015 as amended, and other relevant provisions of the Companies Act, 2013, and the provisions of the Electricity Act, 2003 to the extent applicable.

2. Basis of measurement

Certain financial statements have been prepared on the historical cost basis, except for certain financial assets and financial liabilities that are measured at fair value (refer note 1.C8 below).

Historical cost is the amount of cash or cash equivalents paid or the fair value of the consideration given to acquire assets at the time of their acquisition or the amount of proceeds received in exchange for the obligation, or at the amounts of cash or cash equivalents expected to be paid to satisfy the liability in the normal course of business. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

3. Functional and presentation currency

These financial statements are presented in Indian Rupees (₹) which is the Company's functional currency. All financial information presented in (₹) has been rounded to the nearest Lakh (up to two decimals), except when indicated otherwise.

4. Current and non-current classification

The Company presents assets and liabilities in the balance sheet based on current/non-current classification.

An asset is classified as current when it is:

- Expected to be realized or intended to be sold or consumed in normal operating cycle;
- Held primarily for the purpose of trading;

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
(Erstwhile M/s Kanti Bijlee Utpadan Nigam Limited)

Notes to the financial statements (continued)

- Expected to be realized within twelve months after the reporting period; or
- Cash or cash equivalent unless restricted from being exchanged or used to settle a liability for at least twelve months after the reporting period.

All other assets are classified as non-current.

A liability is classified as current when:

- It is expected to be settled in normal operating cycle;
- It is held primarily for the purpose of trading;
- It is due to be settled within twelve months after the reporting period; or
- There is no unconditional right to defer settlement of the liability for at least twelve months after the reporting period.

All other liabilities are classified as non-current.

Deferred tax assets/liabilities are classified as non-current.

Assets and liabilities are classified between current and non-current considering 12 months period as normal operating cycle.

C. Significant accounting policies

A summary of the significant accounting policies applied in the preparation of the financial statements are as given below. These accounting policies have been applied consistently to all periods presented in the financial statements.

The Company has elected to utilize the option under Ind AS 101 - 'First time adoption of Indian Accounting Standards' by not applying the provisions of Ind AS 16- 'Property, plant and equipment' & Ind AS 38- 'Intangible assets' retrospectively and continue to use the previous GAAP carrying amount as a deemed cost under Ind AS at the date of transition to Ind AS i.e. 1 April 2015. Therefore, the carrying amount of property, plant and equipment and intangible assets as per the previous GAAP as at 1 April 2015, i.e; the Company's date of transition to Ind AS, were maintained on transition to Ind AS.

1. Property, plant and equipment

1.1. Initial recognition and measurement

An item of property, plant and equipment is recognized as an asset if and only if it is probable that future economic benefits associated with the item will flow to the Company and the cost of the item can be measured reliably.

Items of property, plant and equipment are initially recognized at cost. Cost comprises purchase price including import duties and non-refundable purchase taxes after deducting trade discounts and rebates, any cost directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management and the present value of initial estimate of cost of dismantling, removal and restoration.

Subsequent measurement is done at cost less accumulated depreciation/amortization and accumulated impairment losses.

When parts of an item of property, plant and equipment that are significant in value and have different useful lives, they are recognized separately.

Deposits, payments/liabilities made provisionally towards compensation, rehabilitation and other expenses relating to land in possession are treated as cost of land.

**NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
(Erstwhile M/s Kanti Bijlee Utpadan Nigam Limited)**

Notes to the financial statements (continued)

In the case of assets put to use, where final settlement of bills with contractors is yet to be effected, capitalization is done on provisional basis subject to necessary adjustment in the year of final settlement.

Assets and systems common to more than one generating unit are capitalized on the basis of engineering estimates/assessments.

Items of spare parts, stand-by equipment and servicing equipment which meet the definition of property, plant and equipment are capitalized. Other spare parts are carried as inventory and recognized in the statement of profit and loss on consumption.

The acquisition or construction of some items of property, plant and equipment although not directly increasing the future economic benefits of any particular existing item of property, plant and equipment, may be necessary for the Company to obtain future economic benefits from its other assets. Such items are recognized as property, plant and equipment.

1.2. Subsequent costs

Subsequent expenditure is recognized in the carrying amount of the asset when it is probable that future economic benefits deriving from the cost incurred will flow to the enterprise and the cost of the item can be measured reliably.

Expenditure on major inspection and overhauls of generating unit is capitalized, when it meets the asset recognition criteria. Any remaining carrying amount of the cost of the previous inspection and overhaul is derecognized.

The cost of replacing major part of an item of property, plant and equipment is recognized in the carrying amount of the item if it is probable that the future economic benefits embodied within the part will flow to the Company and its cost can be measured reliably. The carrying amount of the replaced part is derecognized regardless of whether the replaced part has been depreciated separately. If it is not practicable to determine the carrying amount of the replaced part, the Company uses the cost of the replacement as an indication of what the cost of replaced part was at the time it was acquired or constructed. The costs of the day-to-day servicing of property, plant and equipment are recognized in the statement of profit and loss as and when incurred.

1.3. Decommissioning costs

The present value of the expected cost for the decommissioning of the asset after its use is included in the cost of the respective asset if the recognition criteria for a provision are met.

1.4. De-recognition

Property, plant and equipment is derecognized when no future economic benefits are expected from their use or upon their disposal. Gains and losses on de-recognition of an item of property, plant and equipment are determined as the difference between sale proceeds from disposal, if any, and the carrying amount of property, plant and equipment, and are recognized in the statement of profit and loss.

In circumstance, where an item of property, plant and equipment is abandoned, the net carrying cost relating to the property, plant and equipment is written off in the same period.

1.5. Depreciation/amortization

Depreciation is recognized in statement of profit and loss on a straight-line basis over the estimated useful lives of each part of an item of property, plant and equipment.

Depreciation on the assets of the generation of electricity business, covered under Part B of Schedule II of the Companies Act, 2013, is charged on straight-line method following the rates

**NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
(Erstwhile M/s Kanti Bijlee Utpadan Nigam Limited)**

Notes to the financial statements (continued)

and methodology notified by the Central Electricity Regulatory Commission (CERC) Tariff Regulations.

Depreciation on the following assets is provided on their estimated useful life, which are different from the useful life as prescribed under Schedule II to the Companies Act, 2013, ascertained on the basis of technical evaluation:

| | |
|---|------------|
| a) Kutcha roads | 2 years |
| b) Enabling works | |
| - residential buildings | 15 years |
| - internal electrification of residential buildings | 10 years |
| - non-residential buildings including their internal electrification, water supply, sewerage & drainage works, railway sidings, aerodromes, helipads and airstrips. | 5 years |
| c) Personal computers & laptops including peripherals | 3 years |
| d) Photocopiers, fax machines, water coolers and refrigerators | 5 years |
| e) Temporary erections including wooden structures | 1 year |
| f) Telephone exchange | 15 years |
| g) Wireless systems, VSAT equipment, display devices viz. projectors, screens, CCTV, audio video conferencing systems and other communication equipment | 6 years |
| h) Energy saving electrical appliances and fittings. | 2-7 years |
| i) Hospital Equipment | 5-10 years |
| j) Furniture and Fixture | 5-15 years |

Major overhaul and inspection costs which have been capitalized are depreciated over the period until the next scheduled outage or actual major inspection/overhaul, whichever is earlier.

Capital spares are depreciated considering the useful life ranging between 2 to 25 years based on technical assessment.

Right-of-use land and buildings relating to generation of electricity business governed by CERC Tariff Regulations are fully amortized over lease period or life of the related plant whichever is lower following the rates and methodology notified by the CERC Tariff Regulations.

Depreciation on additions to/deductions from property, plant and equipment during the year is charged on pro-rata basis from/up to the month in which the asset is available for use/sale/, disposal or earmarked for disposal

Where the cost of depreciable assets has undergone a change during the year due to increase/decrease in long-term liabilities (recognized up to 31 March 2016) on account of exchange fluctuation, price adjustment, change in duties or similar factors, the unamortized balance of such asset is charged off prospectively over the remaining useful life determined following the applicable accounting policies relating to depreciation/amortization.

Where it is probable that future economic benefits deriving from the expenditure incurred will flow to the Company and the cost of the item can be measured reliably, subsequent expenditure on a property, plant and equipment along-with its unamortized depreciable amount is charged off prospectively over the revised useful life determined by technical assessment.

The residual values, useful lives and method of depreciation of assets other than the assets of generation of electricity business governed by CERC Tariff Regulations, are reviewed at each financial year end and adjusted prospectively, wherever required.

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
(Erstwhile M/s Kanti Bijlee Utpadan Nigam Limited)

Notes to the financial statements (continued)

- Depreciation of an asset ceases at the earlier of the date that the assets is classified as held for sale (or included in a disposal group that is classified as held for sale) in accordance with Ind AS 105 and the date that the asset is derecognized.

2. Leases

As lessee

The Company assesses whether a contract contains a lease, at inception of a contract. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. To assess whether a contract conveys the right to control the use of an identified asset, the Company assesses whether: (1) the contract involves the use of an identified asset (2) the Company has substantially all of the economic benefits from use of the asset through the period of the lease and (3) the Company has the right to direct the use of the asset.

The Company recognizes a right-of-use asset and a corresponding lease liability for all lease arrangements in which it is a lessee, except for leases with a term of twelve months or less (short term leases) and leases for low value underlying assets. For these short-term and leases for low value underlying assets, the Company recognizes the lease payments as an operating expense on a straight-line basis over the term of the lease.

Certain lease arrangements include the options to extend or terminate the lease before the end of the lease term. Right-of use assets and lease liabilities include these options when it is reasonably certain that the option to extend the lease will be exercised/option to terminate the lease will not be exercised.

The right-of-use assets are initially recognized at cost, which comprises the initial amount of the lease liability adjusted for any lease payments made at or prior to the commencement date of the lease plus any initial direct costs less any lease incentives and an estimate of costs to be incurred in dismantling and removing or restoring the underlying asset less any lease incentives. They are subsequently measured at cost less accumulated depreciation/amortization and impairment losses and adjusted for any reassessment of lease liabilities.

Right-of-use assets are depreciated/amortized from the commencement date to the end of the useful life of the underlying asset, if the lease transfers ownership of the underlying asset by the end of lease term or if the cost of right-of-use assets reflects that the purchase option will be exercised. Otherwise, Right-of-use assets are depreciated /amortized from the commencement date on a straight-line basis over the shorter of the lease term and useful life of the underlying asset.

Right-of-use assets are evaluated for recoverability whenever events or changes in circumstances indicate that their carrying amounts may not be recoverable. For the purpose of impairment testing, the recoverable amount (i.e. the higher of the fair value less cost to sell and the value-in-use) is determined on an individual asset basis unless the asset does not generate cash flows that are largely independent of those from other assets. In such cases, the recoverable amount is determined for the Cash Generating Unit (CGU) to which the asset belongs.

The lease liability is initially measured at amortized cost at the present value of the future lease payments. In calculating the present value, lease payments are discounted using the interest rate implicit in the lease or, if not readily determinable, using the incremental borrowing rate. Lease liabilities are re-measured with a corresponding adjustment to the related right-of-use asset if the Company changes its assessment whether it will exercise an extension or a termination option.

3. Capital work-in-progress


अणु महाप्रबन्धक (वणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
(Erstwhile M/s Kanti Bijlee Utpadan Nigam Limited)

Notes to the financial statements (continued)

Cost incurred for property, plant and equipment that are not ready for their intended use as on the reporting date, is classified under capital work- in-progress.

The cost of self-constructed assets includes the cost of materials & direct labour, any other costs directly attributable to bringing the assets to the location and condition necessary for it to be capable of operating in the manner intended by management and borrowing costs attributable to the acquisition or construction of qualifying asset.

Expenses directly attributable to construction of property, plant and equipment incurred till they are ready for their intended use are identified and allocated on a systematic basis on the cost of related assets.

Deposit works/cost plus contracts are accounted for on the basis of statements of account received from the contractors.

Unsettled liabilities for price variation/exchange rate variation in case of contracts are accounted for on estimated basis as per terms of the contracts.

4. Government grants

Government grants are recognized when there is reasonable assurance that they will be received and the Company will comply with the conditions associated with the grant. Grants that compensate the Company for the cost of depreciable asset are recognized as income in the statement of profit and loss on a systematic basis over the period and in the proportion in which depreciation is charged. Grants that compensate the Company for expenses incurred are recognized over the period in which the related costs are incurred and the same is deducted from the related expenses.

5. Intangible assets

5.1. Initial recognition and measurement

An intangible asset is recognized if and only if it is probable that the expected future economic benefits that are attributable to the asset will flow to the Company and the cost of the asset can be measured reliably.

Intangible assets that are acquired by the Company, which have finite useful lives, are recognized at cost. Subsequent measurement is done at cost less accumulated amortization and accumulated impairment losses. Cost comprises purchase price including import duties, non-refundable taxes after deducting trade discounts and rebates and any directly attributable expenses of preparing the asset for its intended use.

5.2. Subsequent costs:

Subsequent expenditure is recognized as an increase in the carrying amount of the asset when it is probable that future economic benefits deriving from the cost incurred will flow to the enterprise and the cost of the item can be measured reliably.

5.3. De-recognition

An intangible asset is derecognized when no future economic benefits are expected from their use or upon their disposal. Gains or losses on de-recognition of an intangible asset is determined as the difference between the net disposal proceeds, if any, and the carrying amount of intangible assets and are recognized in the statement of profit and loss.

5.4. Amortization

Cost of software recognized as intangible asset, is amortized on straight-line method over a period

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
(Erstwhile M/s Kanti Bijlee Utpadan Nigam Limited)

Notes to the financial statements (continued)

of legal right to use or 3 years, whichever is less. Other intangible assets are amortized on straight-line method over the period of legal right to use or life of the related plant, whichever is less.

The amortization period and the amortization method of intangible assets with a finite useful life is reviewed at each financial year end and adjusted prospectively, wherever required.

6. Impairment of non-financial assets

The carrying amounts of the Company's non-financial assets are reviewed at each reporting date to determine whether there is any indication of impairment considering the provisions of Ind AS 36 - 'Impairment of Assets'. If any such indication exists, then the asset's recoverable amount is estimated.

The recoverable amount of an asset or cash-generating unit is the higher of its fair value less costs to disposal and its value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. For the purpose of impairment testing, assets that cannot be tested individually are grouped together into the smallest group of assets that generates cash inflows from continuing use that are largely independent of the cash inflows of other assets or groups of assets (the "cash-generating unit", or "CGU").

An impairment loss is recognized if the carrying amount of an asset or its CGU exceeds its estimated recoverable amount. Impairment losses are recognized in profit or loss. Impairment losses recognized in respect of CGUs are reduced from the carrying amounts of the assets of the CGU.

Impairment losses recognized in prior periods are assessed at each reporting date for any indications that the loss has decreased or no longer exists. An impairment loss is reversed if there has been a change in the estimates used to determine the recoverable amount. An impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortization, if no impairment loss had been recognized.

7. Regulatory deferral account balances

Expense/income recognized in the statement of profit and loss to the extent recoverable from or payable to the beneficiaries in subsequent periods as per CERC Tariff Regulations are recognized as 'Regulatory deferral account balances.

Regulatory deferral account balances are adjusted in the year in which the same become recoverable from or payable to the beneficiaries.

Regulatory deferral account balances are evaluated at each balance sheet date to ensure that the underlying activities meet the recognition criteria and it is probable that future economic benefits associated with such balances will flow to the entity. If these criteria are not met, the regulatory deferral account balances are derecognized.

8. Financial instruments

A financial instrument is any contract that gives rise to a financial asset of one entity and a financial liability or equity instrument of another entity. The Company recognizes a financial asset or a financial liability only when it becomes party to the contractual provisions of the instrument.

8.1. Financial assets


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Initial recognition and measurement

All financial assets are recognized at fair value on initial recognition, except for trade receivables which are initially measured at transaction price. Transaction costs that are directly attributable to the acquisition of financial assets, which are not at fair value through profit or loss, are added to the fair value on initial recognition.

Subsequent measurement

Debt instruments at amortized cost

A 'debt instrument' is measured at the amortized cost if both the following conditions are met:

- The asset is held within a business model whose objective is to hold assets for collecting contractual cash flows, and
- Contractual terms of the asset give rise on specified dates to cash flows that are solely payments of principal and interest (SPPI) on the principal amount outstanding.

After initial measurement, such financial assets are subsequently measured at amortized cost using the EIR method. Amortized cost is calculated by taking into account any discount or premium on acquisition and fees or costs that are an integral part of the EIR. The EIR amortization is included in finance income in the profit or loss. The losses arising from impairment are recognized in the statement of profit and loss. This category generally applies to trade and other receivables.

Debt instrument at FVTOCI (Fair value through OCI)

A 'debt instrument' is classified as at the FVTOCI if both of the following criteria are met:

- The objective of the business model is achieved both by collecting contractual cash flows and selling the financial assets, and
- The asset's contractual cash flows represent SPPI

Debt instruments included within the FVTOCI category are measured initially as well as at each reporting date at fair value. Fair value movements are recognized in the OCI. However, the Company recognizes interest income, impairment losses & reversals and foreign exchange gain or loss in the profit and loss. On derecognition of the asset, cumulative gain or loss previously recognized in OCI is reclassified from the equity to profit and loss. Interest earned whilst holding FVTOCI debt instrument is reported as interest income using the EIR method.

Debt instrument at FVTPL (Fair value through profit or loss)

FVTPL is a residual category for debt instruments. Any debt instrument, which does not meet the criteria for categorization as at amortized cost or as FVTOCI, is classified as at FVTPL.

In addition, the Company may elect to classify a debt instrument, which otherwise meets amortized cost or FVTOCI criteria, as at FVTPL. However, such election is allowed only if doing so reduces or eliminates a measurement or recognition inconsistency (referred to as 'accounting mismatch'). Debt instruments included within the FVTPL category are measured at fair value with all changes recognized in the statement of profit and loss. Interest income on such investments is presented under 'Other income'.

De-recognition

A financial asset (or, where applicable, a part of a financial asset or part of a Group of similar financial assets) is primarily derecognized (i.e. removed from the Company's balance sheet) when:

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- The rights to receive cash flows from the asset have expired, or
- The Company has transferred its rights to receive cash flows from the asset or has assumed an obligation to pay the received cash flows in full without material delay to a third party under a 'pass-through' arrangement; and either (a) the Company has transferred substantially all the risks and rewards of the asset, or (b) the Company has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset.

The difference between the carrying amount and the amount of consideration received / receivable is recognized in the Statement of Profit and Loss.

Impairment of financial assets

In accordance with Ind AS 109-'Financial Instruments', the Company applies expected credit loss (ECL) model for measurement and recognition of impairment loss on the following financial assets and credit risk exposure:

- (a) Financial assets that are debt instruments, and are measured at amortized cost e.g., loans, debt securities, deposits and bank balance.
- (b) Trade receivables, unbilled revenue and contract assets under Ind AS 115.

For trade receivables and contract assets/unbilled revenue, the Company applies the simplified approach required by Ind AS 109 Financial Instruments, which requires lifetime expected losses to be recognized from initial recognition.

For recognition of impairment loss on other financial assets and risk exposure, (other than purchased or originated credit impaired financial assets), the Company determines that whether there has been a significant increase in the credit risk since initial recognition. If credit risk has not increased significantly, 12-month ECL is used to provide for impairment loss. However, if credit risk has increased significantly, lifetime ECL is used. If, in a subsequent period, credit quality of the instrument improves such that there is no longer a significant increase in credit risk since initial recognition, then the entity reverts to recognizing impairment loss allowance based on 12-month ECL.

For purchased or originated credit impaired financial assets, a loss allowance is recognized for the cumulative changes in lifetime expected credited losses since initial recognition.

8.2. Financial liabilities

Initial recognition and measurement

Financial liabilities are classified, at initial recognition, as financial liabilities at fair value through profit or loss, borrowings, payables. All financial liabilities are recognized initially at fair value and, in the case of borrowings and payables which are subsequently measured at amortised cost, net of directly attributable transaction costs. The Company's financial liabilities include trade and other payables, borrowings including bank overdrafts and payable for capital expenditure.

Subsequent measurement

The measurement of financial liabilities depends on their classification, as described below:

Financial liabilities at amortized cost

After initial measurement, such financial liabilities are subsequently measured at amortized cost using the EIR method. Gains and losses are recognized in the statement of profit and loss when the liabilities are derecognized as well as through the EIR amortization process. Amortized cost is

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calculated by taking into account any discount or premium on acquisition and fees or costs that are an integral part of the EIR. The EIR amortization is included in finance costs in the profit or loss. This category generally applies to borrowings, trade payables and other contractual liabilities.

Financial liabilities at fair value through profit or loss

Financial liabilities at fair value through profit or loss include financial liabilities held for trading and financial liabilities designated upon initial recognition as at fair value through profit or loss. Financial liabilities are classified as held for trading if they are incurred for the purpose of repurchasing in the near term. This category also includes derivative financial instruments entered into by the Company that are not designated as hedging instruments in hedge relationships as defined by Ind AS 109. Separated embedded derivatives are also classified as held for trading unless they are designated as effective hedging instruments.

Gains or losses on liabilities held for trading are recognized in the statement of profit and loss.

Financial liabilities designated upon initial recognition at fair value through profit or loss are designated at the initial date of recognition, and only if the criteria in Ind AS 109 are satisfied. For liabilities designated as FVTPL, fair value gains/losses attributable to changes in own credit risk are recognized in OCI. These gains/losses are not subsequently transferred to profit and loss. However, the company may transfer the cumulative gain or loss within equity. All other changes in fair value of such liability are recognized in the statement of profit and loss. The Company has not designated any financial liability as at fair value through profit and loss.

De-recognition

A financial liability is derecognized when the obligation under the liability is discharged or cancelled or expired. When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as the derecognition of the original liability and the recognition of a new liability. The difference in the respective carrying amounts is recognized in the statement of profit and loss.

Offsetting of financial assets and financial liabilities

Financial assets and financial liabilities are offset and the net amount is presented in the balance sheet if there is a currently enforceable legal right to offset the recognized amounts and there is an intention to settle on a net basis, to realize the assets and settle the liabilities simultaneously.

9. Borrowing costs

Borrowing costs consist of (a) interest expense calculated using the effective interest method as described in Ind AS 109 – 'Financial Instruments' (b) interest expense on lease liabilities recognized in accordance with Ind AS 116– 'Leases' and (c) exchange differences arising from foreign currency borrowings to the extent that they are regarded as an adjustment to interest costs.

Borrowing costs that are directly attributable to the acquisition, construction or erection of qualifying assets are capitalized as part of cost of such asset until such time the assets are substantially ready for their intended use. Qualifying assets are assets which necessarily take substantial period of time to get ready for their intended use or sale.

When the Company borrows funds specifically for the purpose of obtaining a qualifying asset, the borrowing costs incurred are capitalized. When Company borrows funds generally and uses them for the purpose of obtaining a qualifying asset, the capitalization of the borrowing costs is computed based on the weighted average cost of general borrowing that are outstanding during

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the period and used for the acquisition, construction or erection of the qualifying asset. However, borrowing costs applicable to borrowings made specifically for the purpose of obtaining a qualifying asset, are exclude from this calculations, until substantially all the activities necessary to prepare that for its intended use or sale are complete.

Income earned on temporary investment of the borrowings pending their utilization for expenditure on the qualifying assets is deducted from the borrowing costs cligible for capitalization.

Capitalization of borrowing costs ceases when substantially all the activities necessary to prepare the qualifying assets for their intended use are complete.

Other borrowing costs are recognized as an expense in the year in which they are incurred.

10. Inventories

Inventories are valued at the lower of cost and net realizable value. Cost includes cost of purchase, cost of conversion and other costs incurred in bringing the inventories to their present location and condition. Cost is determined on weighted average basis. Costs of purchased inventory are determined after deducting rebates, trade discounts and other similar items. Net realizable value is the estimated selling price in the ordinary course of business, less estimated costs of completion and the estimated costs necessary to make the sale.

The diminution in the value of obsolete, unserviceable, surplus and non-moving items of stores and spares is ascertained on review and provided for.

Steel scrap is valued at estimated realizable value.

11. Cash and cash equivalents

Cash and cash equivalents in the balance sheet comprise cash at banks, cash on hand and short-term deposits with an original maturity of three months or less, that are readily convertible to known amount of cash and which are subject to an insignificant risk of changes in value.

12. Fly ash utilization reserve fund

Proceeds from sale of ash/ash products along-with income on investment of surplus funds are transferred to 'Fly ash utilization reserve fund' in terms of provisions of gazette notification dated 3 November 2009 issued by Ministry of Environment and Forests, Government of India. The fund is utilized towards expenditure on development of infrastructure/facilities, promotion & facilitation activities for use of fly ash.

13. Provisions, contingent liabilities and contingent assets

A provision is recognized if, as a result of a past event, the Company has a present legal or constructive obligation that can be estimated reliably, and it is probable that an outflow of economic benefits will be required to settle the obligation. If the effect of the time value of money is material, provisions are determined by discounting the expected future cash flows at a pre-tax rate that reflects current market assessments of the time value of money and the risks specific to the liability. When discounting is used, the increase in the provision due to the passage of time is recognized as a finance cost.

The amount recognized as a provision is the best estimate of the consideration required to settle the present obligation at reporting date, taking into account the risks and uncertainties surrounding the obligation.

When some or all of the economic benefits required to settle a provision are expected to be recovered from a third party, the receivable is recognized as an asset if it is virtually certain that

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reimbursement will be received, and the amount of the receivable can be measured reliably. The expense relating to a provision is presented in the statement of profit and loss net of reimbursement, if any.

Contingent liabilities are possible obligations that arise from past events and whose existence will only be confirmed by the occurrence or non-occurrence of one or more future events not wholly within the control of the Company. Where it is not probable that an outflow of economic benefits will be required, or the amount cannot be estimated reliably, the obligation is disclosed as a contingent liability, unless the probability of outflow of economic benefits is remote. Contingent liabilities are disclosed on the basis of judgment of the management/independent experts. These are reviewed at each balance sheet date and are adjusted to reflect the current management estimate.

Contingent assets are possible assets that arise from past events and whose existence will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the Company. Contingent assets are disclosed in the financial statements when inflow of economic benefits is probable on the basis of judgment of management. These are assessed continually to ensure that developments are appropriately reflected in the financial statements.

14. Foreign currency transactions and translation

Transactions in foreign currencies are initially recorded at the functional currency spot exchange rates at the date the transaction first qualifies for recognition.

Monetary assets and liabilities denominated in foreign currencies are translated at the functional currency spot rates of exchange at the reporting date. Exchange differences arising on settlement or translation of monetary items are recognized in the statement of profit and loss in the year in which it arises with the exception that exchange differences on long term monetary items related to acquisition of property, plant and equipment recognized up to 31 March 2016 are adjusted to the carrying cost of property, plant and equipment.

Non-monetary items denominated in foreign currency which are measured in terms of historical cost are recorded using the exchange rate at the date of the transaction. In case of advance consideration received or paid in a foreign currency, the date of transaction for the purpose of determining the exchange rate to use on initial recognition of the related asset, expense or income (or part of it), is when the Company initially recognizes the non-monetary asset or non-monetary liability arising from the payment or receipt of advance consideration.

15. Revenue

Company's revenues arise from generation and sale of energy and other income. Revenue from other income comprises interest from banks, employees, contractors etc., surcharge received from beneficiaries for delayed payments, sale of scrap, other miscellaneous income, etc.

15.1. Revenue from sale of energy

The Company's operations in India are regulated under the Electricity Act, 2003. Accordingly, the CERC determines the tariff for the Company's power plants based on the norms prescribed in the tariff regulations as applicable from time to time. Tariff is based on the capital cost incurred for a specific power plant and primarily comprises two components: capacity charge i.e. a fixed charge, that includes depreciation, return on equity, interest on working capital, operating & maintenance expenses, interest on loan and energy charge i.e. a variable charge primarily based on fuel costs.

Revenue is measured based on the consideration that is specified in a contract with a customer or

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is expected to be received in exchange for the products or services and excludes amounts collected on behalf of third parties. The Company recognizes revenue when (or as) the performance obligation is satisfied, which typically occurs when (or as) control over the products or services is transferred to a customer.

Revenue from sale of energy is accounted for based on tariff rates approved by the CERC (except items indicated as provisional) as modified by the orders of Appellate Tribunal for Electricity to the extent applicable. In case the tariff rates are yet to be approved/items indicated provisional by the CERC in their orders, provisional rates are adopted considering the applicable CERC Tariff Regulations. Revenue from sale of energy is recognized once the electricity has been delivered to the beneficiary and is measured through a regular review of usage meters. Beneficiaries are billed on a periodic and regular basis. As at each reporting date, revenue from sale of energy includes an accrual for sales delivered to beneficiaries but not yet billed i.e. contract assets/ unbilled revenue.

The incentives/disincentives are accounted for based on the norms notified/approved by the CERC as per principles enunciated in Ind AS 115- 'Revenue from Contracts with Customers'. In cases the same have not been notified / approved, incentives/disincentives are accounted for on provisional basis.

15.2. Other income

Interest income is recognized, when no significant uncertainty as to measurability or collectability exist, on a time proportion basis taking into account the amount outstanding and the applicable interest rate, using the effective interest rate method (EIR). For credit impaired financial assets the EIR is applied to the net carrying amount of the financial asset (after deduction of the loss allowance). EIR is the rate that discounts the estimated future cash receipts through the expected life of the financial asset to the net carrying amount of the financial asset. For purchased or originated credit-impaired (POCI) financial assets interest income is recognized by calculating the credit-adjusted EIR and applying that rate to the amortized cost of the asset. The credit-adjusted EIR is the interest rate that, at original recognition, discounts the estimated future cash flows (including credit losses) to the amortized cost of the POCI assets.

Scrap other than steel scrap is accounted for as and when sold.

Insurance claims for loss of profit are accounted for in the year of acceptance. Other insurance claims are accounted for based on certainty of realization.

Revenue from rentals and operating leases is recognized on an accrual basis in accordance with the substance of the relevant agreement.

For debt instruments measured at amortized cost or at fair value through other comprehensive income (OCI), interest income is recorded using the effective interest rate (EIR). EIR is the rate that exactly discounts the estimated future cash payments or receipts over the expected life of the financial instrument or a shorter period, where appropriate, to the gross carrying amount of the financial asset or to the amortized cost of a financial liability. When calculating the EIR, the Company estimates the expected cash flows by considering all the contractual terms of the financial instrument (for example, prepayment, extension, call and similar options) but does not consider the expected credit losses. Interest income is included in other income in the statement of profit and loss.

The interest/surcharge on late payment/overdue trade receivables for sale of energy is recognized when no significant uncertainty as to measurability or collectability exists.

Interest/surcharge recoverable on advances to suppliers as well as warranty claims wherever there is uncertainty of realization/acceptance are not treated as accrued and are therefore, accounted for

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on receipt/acceptance.

16. Employee benefits

16.1. Defined contribution plans

A defined contribution plan is a post-employment benefit plan under which an entity pays fixed contributions to separate entities and will have no legal or constructive obligation to pay further amounts. Obligations for contributions to defined contribution plans are recognized as an employee benefits expense in the statement of profit or loss in the period during which services are rendered by employees. Prepaid contributions are recognized as an asset to the extent that a cash refund or a reduction in future payments is available. Contributions to a defined contribution plan that are due after more than 12 months after the end of the period in which the employees render the service are discounted to their present value.

In respect of employees from parent company NTPC Limited- Employees benefits include provident fund, pension, gratuity, post retirement medical facilities, compensated absences, long service award, economic rehabilitation scheme & other terminal benefits. In terms of the arrangement with the parent company, the company is to make a fixed contribution of the aggregate of basic pay and dearness allowance for the period of service rendered in the company. Accordingly, these employee benefits are treated as defined contribution scheme.

The Company pays a defined contribution for provident fund for employees on its roll to the fund administered and managed by Government of India. Both the employee and the Company make monthly contribution equal to a specified percentage of the employee's salary. The contributions to the fund for the year are recognized as an expense and charged to the statement of profit and loss.

In respect of employees on the roll of the company, expenditure in relation to gratuity and leave encashment recognized on the basis of actuarial valuation.

16.2. Defined benefit plan

A defined benefit plan is a post-employment benefit plan other than a defined contribution plan. The Company's liability towards gratuity for the employees on its roll is in the nature of defined benefit plan.

The Company's net obligation in respect of defined benefit plan is calculated by estimating the amount of future benefit that employees have earned in return for their service in the current and prior periods; that benefit is discounted to determine its present value. Any unrecognized past service costs and the fair value of any plan assets are deducted. The discount rate is based on the prevailing market yields of Indian government securities as at the reporting date that have maturity dates approximating the terms of the Company's obligations and that are denominated in the same currency in which the benefits are expected to be paid.

The calculation is performed annually by a qualified actuary using the projected unit credit method. Any actuarial gains or losses are recognized in OCI in the period in which they arise.

When the benefits of a plan are improved, the portion of the increased benefit relating to past service by employees is recognized in profit or loss on a straight-line basis over the average period until the benefits become vested. To the extent that the benefits vest immediately, the expense is recognized immediately in statement of profit and loss.

16.3. Other long-term employee benefits

Benefits under the Company's leave encashment scheme for the employees on its roll constitute other long-term employee benefits.


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The Company's net obligation in respect of leave encashment is the amount of future benefit that employees have earned in return for their service in the current and prior periods; that benefit is discounted to determine its present value, and the fair value of any related assets is deducted. The discount rate is based on the prevailing market yields of Indian government securities as at the reporting date that have maturity dates approximating the terms of the Company's obligations. The calculation is performed using the projected unit credit method. Any actuarial gains or losses are recognized in profit or loss in the period in which they arise.

The obligations are presented as current liabilities in the balance sheet if the entity does not have an unconditional right to defer settlement for at least twelve months after the reporting period, regardless of when the actual settlement is expected to occur.

16.4. Short-term benefits

Short-term employee benefit obligations are measured on an undiscounted basis and are expensed as the related service is provided.

A liability is recognized for the amount expected to be paid under performance related pay if the Company has a present legal or constructive obligation to pay this amount as a result of past service provided by the employee and the obligation can be estimated reliably.

17. Other expenses

Expenses on training & recruitment and voluntary community development are charged to statement of profit and loss in the year incurred.

Transit and handling losses of coal as per Company's norms are included in cost of coal.

18. Income tax

Income tax expense comprises current and deferred tax. Current tax expense is recognized in statement of profit and loss except to the extent that it relates to items recognized directly in other comprehensive income (OCI) or equity, in which case it is recognized in OCI or equity, respectively.

Current tax is the expected tax payable on the taxable income for the year computed as per the provisions of Income Tax Act, 1961, using tax rates enacted or substantively enacted by the end of the reporting period, and any adjustment to tax payable in respect of previous years.

Deferred tax is recognized using the balance sheet method, on temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the tax bases of assets and liabilities. Deferred tax is measured at the tax rates that are expected to be applied to temporary differences when they materialize, based on the laws that have been enacted or substantively enacted by the reporting date. Deferred tax assets and liabilities are offset if there is a legally enforceable right to offset current tax assets against current tax liabilities, and they relate to income taxes levied by the same tax authority.

Deferred tax is recognized in statement of profit and loss except to the extent that it relates to items recognized directly in OCI or equity, in which case it is recognized in OCI or equity, respectively.

A deferred tax asset is recognized for all deductible temporary differences to the extent that it is probable that future taxable profits will be available against which the deductible temporary difference can be utilized. Deferred tax assets are reviewed at each reporting date and are reduced to the extent that it is no longer probable that the sufficient taxable profits will be available in future to allow all or part of deferred tax assets to be utilised.


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Additional income taxes that arise from the distribution of dividends are recognized at the same time that the liability to pay the related dividend is recognized. The income tax consequences of dividends are recognized in profit or loss, other comprehensive income or equity according to where the Company originally recognized those past transactions or events.

Deferred tax assets include Minimum Alternative Tax (MAT) paid in accordance with the tax laws in India, which is likely to give future economic benefits in the form of availability of set off against future income tax liability. MAT credit is recognized as deferred tax asset in the balance sheet when the asset can be measured reliably and it is probable that the future taxable profit will be available against which MAT credit can be utilized.

When there is uncertainty regarding income tax treatments, the Company assesses whether a tax authority is likely to accept an uncertain tax treatment. If it concludes that the tax authority is unlikely to accept an uncertain tax treatment, the effect of the uncertainty on taxable income, tax bases and unused tax losses and unused tax credits is recognized. The effect of the uncertainty is recognized using the method that, in each case, best reflects the outcome of the uncertainty: the most likely outcome or the expected value. For each case, the Company evaluates whether to consider each uncertain tax treatment separately, or in conjunction with another or several other uncertain tax treatments, based on the approach that best prefixes the resolution of uncertainty.

19. Non-current assets held for sale

The Company classifies non-current assets and disposal groups as held for sale if their carrying amounts will be recovered principally through a sale rather than through continuing use and a sale is considered highly probable.

Management must be committed to the sale, which should be expected to qualify for recognition as a completed sale within one year from the date of classification as held for sale, and actions required to complete the plan of sale should indicate that it is unlikely that significant changes to the plan will be made or that the plan will be withdrawn.

Non-Current Assets held for sale and disposal groups are measured at the lower of their carrying amount and the fair value less cost to sell. Non-current assets classified as held for sale are not depreciated or amortized.

20. Operating segments

In accordance with Ind AS 108-‘Operating Segments’, the operating segments used to present segment information are identified on the basis of internal reports used by the Company’s management to allocate resources to the segments and assess their performance. The Board of Directors is collectively the Company’s ‘Chief Operating Decision Maker’ or ‘CODM’ within the meaning of Ind AS 108. In the opinion of the management, there is only one reportable segment (“Generation of Energy”).

21. Dividends

Dividends and interim dividends payable to the Company’s shareholders are recognized as changes in equity in the period in which they are approved by the shareholders and the Board of Directors respectively.

22. Material prior period errors

Material prior period errors are corrected retrospectively by restating the comparative amounts for the prior periods presented in which the error occurred. If the error occurred before the earliest period presented, the opening balances of assets, liabilities and equity for the earliest period presented, are restated.

Notes to the financial statements (continued)

D. Use of estimates and management judgments

The preparation of financial statements requires management to make judgments, estimates and assumptions that may impact the application of accounting policies and the reported value of assets, liabilities, revenue, expenses and related disclosures concerning the items involved as well as contingent assets and liabilities at the balance sheet date. The estimates and management's judgments are based on previous experience & other factors considered reasonable and prudent in the circumstances. Actual results may differ from these estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in any future periods affected.

In order to enhance understanding of the financial statements, information about significant areas of estimation, uncertainty and critical judgments in applying accounting policies that have the most significant effect on the amounts recognized in the financial statements is as under:

1. Formulation of accounting policies

The accounting policies are formulated in a manner that results in financial statements containing relevant and reliable information about the transactions, other events and conditions to which they apply. Those policies need not be applied when the effect of applying them is immaterial.

2. Useful life of property, plant and equipment and intangible assets

The estimated useful life of property, plant and equipment and intangible assets is based on a number of factors including the effects of obsolescence, demand, competition and other economic factors (such as the stability of the industry and known technological advances) and the level of maintenance expenditures required to obtain the expected future cash flows from the asset.

Useful life of the assets of the generation of electricity business is determined by the CERC Tariff Regulations in accordance with Schedule II of the Companies Act, 2013.

3. Recoverable amount of property, plant and equipment and intangible assets

The recoverable amount of property, plant and equipment and intangible assets is based on estimates and assumptions regarding in particular the expected market outlook and future cash flows associated with the power plants. Any changes in these assumptions may have a material impact on the measurement of the recoverable amount and could result in impairment.

4. Post-employment benefit plans

Employee benefit obligations are measured on the basis of actuarial assumptions which include mortality and withdrawal rates as well as assumptions concerning future developments in discount rates, the rate of salary increases and the inflation rate. The Company considers that the assumptions used to measure its obligations are appropriate and documented. However, any changes in these assumptions may have a material impact on the resulting calculations.

5. Revenues

The Company records revenue from sale of energy based on tariff rates approved by the CERC as modified by the orders of Appellate Tribunal for Electricity, as per principles enunciated under Ind AS 115. However, in cases where tariff rates are yet to be approved, provisional rates are adopted considering the applicable CERC Tariff Regulations.

6. Assets held for sale

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Notes to the financial statements (continued)

Significant judgment is required to apply the accounting of non-current assets held for sale under Ind AS 105 - 'Non-current assets held for sale and discontinued operations. In assessing the applicability, management has exercised judgment to evaluate the availability of the asset for immediate sale, management's commitment for the sale and probability of sale within one year to conclude if their carrying amount will be recovered principally through a sale transaction rather than through continuing use.

7. Regulatory deferral account balances

Recognition of regulatory deferral account balances involves significant judgements including about future tariff regulations since these are based on estimation of the amounts expected to be recoverable/payable through tariff in future.

8. Provisions and contingencies

The assessments undertaken in recognizing provisions and contingencies have been made in accordance with Ind AS 37, 'Provisions, contingent liabilities and contingent assets'. The evaluation of the likelihood of the contingent events has required best judgment by management regarding the probability of exposure to potential loss. Should circumstances change following unforeseeable developments, this likelihood could alter.

9. Income taxes

Significant estimates are involved in determining the provision for income taxes, including amount expected to be paid/recovered for uncertain tax positions.

Chheta.
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

NTPC Limited, Mazadapur TPS (Kanti Bigho)
Notes to the financial statements

2 Property, plant and equipment (PPE)

| Particulars | Gross Block | | | Depreciation/Amortisation and Impairment | | | ₹ Lakhs | | |
|--|-----------------------|-----------------|------------------------------|--|----------------------|------------------|------------------------------|---------------------|----------------------|
| | As at 1 April 2021 | Additions | (Deductible)/ Adjustments | As at 07 Sep 2021 | Upto 1 April 2021 | For the year | (Deductible)/ Adjustments | Upto 07 Sep 2021 | As at 07 Sep 2021 |
| Land (including development expenses) | | | | | | | | | |
| Freehold | 17,189.12 | - | - | 17,189.12 | - | - | - | - | 17,189.12 |
| Right of Use | 11,635.75 | - | - | 11,635.75 | 904.20 | 110.74 | - | 1,014.94 | 10,620.81 |
| Roads, bridges, culverts & pipelines | 5,759.87 | - | - | 5,759.87 | 493.34 | 116.02 | - | 609.36 | 5,150.51 |
| Building: | | | | | | | | | |
| Main plant | 29,603.09 | - | - | 29,603.09 | 4,241.66 | 317.82 | - | 4,559.48 | 24,843.61 |
| Others | 3,417.45 | - | - | 3,417.45 | 1,320.55 | 104.18 | - | 1,424.73 | 1,992.72 |
| Temporary structures | 30.92 | - | - | 36.52 | 7.70 | 6.53 | - | 8.55 | 23.37 |
| Water Supply, drainage & sewerage system | 6,700.28 | - | - | 6,700.28 | 2,122.22 | 215.35 | - | 1,727.57 | 5,022.71 |
| MGR track and signalling system | 3,791,601.13 | 1,269.41 | (0.65) | 3,804,329.29 | 87,464.18 | 11,744.49 | - | 1,09,148.67 | 2,71,280.62 |
| Plant and equipment (including associated civil works) | 615.96 | 14.18 | (0.00) | 635.14 | 169.21 | 20.03 | - | 189.24 | 435.91 |
| Furniture and fixtures | 1.34 | - | - | 1.34 | 0.07 | 0.89 | - | 0.95 | 0.39 |
| Vehicles Owned | 272.04 | 6.44 | - | 278.48 | 105.73 | 9.98 | - | 119.76 | 158.72 |
| Office equipment | 496.34 | 1.18 | (1.63) | 495.89 | 328.38 | 44.59 | (1.63) | 371.33 | 124.55 |
| ITSP, WP machines and vacuum equipment | 680.83 | - | - | 680.83 | 337.54 | 31.83 | - | 369.37 | 311.46 |
| Construction equipment | 1,544.99 | - | - | 1,544.99 | 426.76 | 44.82 | - | 471.58 | 1,073.41 |
| Electrical Installations | 11.43 | - | - | 11.43 | 7.45 | 0.81 | - | 8.26 | 3.19 |
| Communications Equipment | 14.45 | - | - | 14.45 | 2.02 | 0.43 | - | 2.62 | 12.03 |
| Hospital Equipment | - | 6.75 | 0.19 | 6.75 | - | 0.09 | - | 0.09 | 6.66 |
| Laboratory and workshop equipments | - | - | - | - | - | - | - | - | - |
| Total | 4,57,189.00 | 1,266.37 | (2.10) | 4,58,485.29 | 1,07,165.99 | 12,962.10 | (1.46) | 1,26,226.51 | 3,36,258.78 |
| As at 31 March 2021 | | | | | | | | | |
| Particulars | | | | | | | | | |
| Land (including development expenses) | | | | | | | | | |
| Freehold | 17,189.12 | - | - | 17,189.12 | - | - | - | - | 17,189.12 |
| Right of Use | 11,635.75 | - | - | 11,635.75 | 682.71 | 221.89 | - | 904.20 | 10,731.55 |
| Roads, bridges, culverts & pipelines | 4,981.02 | - | 778.83 | 5,759.87 | 296.94 | 195.60 | - | 493.34 | 5,266.53 |
| Building: | | | | | | | | | |
| Main plant | 29,603.09 | - | - | 29,603.09 | 2,206.01 | 1,035.65 | - | 4,241.66 | 25,361.43 |
| Others | 3,417.45 | - | - | 3,417.45 | 899.07 | 268.36 | 213.12 | 1,220.55 | 2,096.90 |
| Temporary structures | 345.39 | - | (345.39) | 36.92 | 215.12 | 1.71 | (213.12) | - | 33.22 |
| Water Supply, drainage & sewerage system | 30.92 | - | - | 30.92 | 5.99 | 1.71 | - | 7.70 | 23.22 |
| MGR track and signalling system | 6,700.28 | - | - | 6,700.28 | 1,081.52 | 430.70 | - | 1,512.22 | 5,248.06 |
| Plant and equipment (including associated civil works) | 3,791,020.65 | 5,085.60 | 53.88 | 3,799,160.13 | 74,276.17 | 31,223.52 | (89.51) | 97,404.18 | 2,81,755.95 |
| Furniture and fixtures | 566.25 | 52.41 | (17.70) | 610.96 | 131.86 | 37.38 | (8.00) | 169.21 | 441.75 |
| Vehicles Owned | 134 | - | - | 134 | 0.73 | 0.13 | - | 0.88 | 0.46 |
| Office equipment | 243.26 | 28.80 | (0.02) | 272.04 | 89.04 | 30.74 | - | 109.78 | 162.26 |
| ITSP, WP machines and vacuum equipment | 437.03 | 39.94 | (0.63) | 496.34 | 222.94 | 106.07 | (6.65) | 328.38 | 167.96 |
| Construction equipment | 631.32 | 46.51 | - | 680.83 | 274.12 | 63.42 | - | 337.54 | 343.29 |
| Electrical Installations | 1,544.99 | - | - | 1,544.99 | 337.32 | 39.64 | - | 426.76 | 1,118.23 |
| Communications Equipment | 11.45 | 2.71 | - | 14.45 | 5.72 | 1.73 | - | 7.45 | 4.00 |
| Hospital Equipment | 11.75 | - | - | 11.75 | 1.36 | 0.76 | - | 2.02 | 12.44 |
| Total | 4,51,098.67 | 5,275.99 | 824.38 | 4,57,189.00 | 81,218.29 | 25,637.72 | (90.17) | 1,07,265.90 | 3,49,923.17 |

Subst.
अध्यक्ष-व्यवसायिक (वित्तिक)
Add. General Manager (Commercial)
ए पी सी लिमिटेड/NTPC LIMITED

NTPC Limited, Muzaffarpur TPS (Kaati Bijlee)
Notes to the financial statements

3 Capital work-in-progress

| Particulars | ₹ Lakhs | |
|--|-----------------------|----------------------|
| | As at 1 April 2021 | As at 07 Sep 2021 |
| Development of land | | |
| Buildings | | |
| Main plant | 57.96 | 135.02 |
| Others | - | - |
| Temporary erection | 995.09 | 48.03 |
| MGR track and signalling system | - | 1,083.71 |
| Earth dam reservoir | - | - |
| Plant and equipment | 616.52 | 666.68 |
| EDP/WP machines & saicem equipment | 35,592.21 | 36,814.41 |
| Construction equipment | - | - |
| Electrical installations | - | - |
| | 0.06 | 0.06 |
| Expenditure pending allocation | 37,261.79 | 38,747.91 |
| Survey, investigation, consultancy and supervision charges | 1,486.30 | (0.17) |
| Expenditure during construction period (net)* | 1.70 | 228.92 |
| Less: Allocated to related works | 793.98 | 703.98 |
| | - | - |
| | 2,191.98 | (0.17) |
| Construction stores | 8,055.51 | 7,151.91 |
| Total | 45,544.51 | 46,832.71 |

* Brought from expenditure during construction period (net) - Note 31



 अवर. महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी सी लिमिटेड / NTPC LIMITED

NTPC Limited, Mazzafarpur TPS (Kanti Bijlee)
Notes to the financial statements

3 Capital work-in-progress (continued)

| Particulars | ₹ Lakhs | |
|--|-----------------------|------------------------|
| | As at 1 April 2021 | As at 31 March 2021 |
| Development of land | - | 57.96 |
| Buildings | - | - |
| Main plant | - | - |
| Others | 237.04 | 995.09 |
| Temporary erection | - | - |
| MGR track and signalling system | - | - |
| Earth dam reservoir | - | - |
| Plant and equipment | 32,443.20 | 616.52 |
| EDP/WP machines & sotoom equipment | 23.61 | 35,592.21 |
| Construction equipment | - | - |
| Electrical installations | - | - |
| | 5.78 | - |
| | <u>32,703.85</u> | <u>37,261.78</u> |
| Expenditure pending allocation | 6,577.59 | 702.41 |
| Survey, investigation, consultancy and supervision charges | - | - |
| Expenditure during construction period (net)* | 1,445.91 | 227.21 |
| Less: Allocated to related works | 1,445.91 | - |
| | <u>6,577.59</u> | <u>702.41</u> |
| Construction stores | 152.58 | 37,488.99 |
| Total | 40,783.68 | 8,055.52 |
| | <u>6,730.17</u> | <u>45,544.51</u> |

* Brought from expenditure during construction period (net) - Note 31


अपर. महासुपरवाइजर (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी सी लिमिटेड/NTPC LIMITED

4 Intangible assets

| Particulars | As at 07 Sep 2021 | | | As at 31 March 2021 | | |
|---------------------|--------------------|---|---------------------------------------|---------------------|---|---------------------------------------|
| | As at 1 April 2021 | Additions | Gross Block (Deductions)/ Adjustments | As at 1 April 2021 | Additions | Gross Block (Deductions)/ Adjustments |
| Software | 90.46 | - | - | 90.46 | - | - |
| Total | 90.46 | | | 90.46 | | |
| As at 31 March 2021 | | | | | | |
| Particulars | As at 07 Sep 2021 | | | As at 31 March 2021 | | |
| | Upto 1 April 2021 | Amortisation For the Year (Deductions)/ Adjustments | Upto 07 Sep 2021 | Upto 1 April 2021 | Amortisation For the Year (Deductions)/ Adjustments | Upto 31 March 2021 |
| Software | 60.79 | 12.78 | 73.58 | 60.79 | 12.78 | 73.58 |
| Total | 60.79 | | 73.58 | 60.79 | | 73.58 |
| As at 31 March 2021 | | | | | | |
| Particulars | As at 07 Sep 2021 | | | As at 31 March 2021 | | |
| | Upto 1 April 2021 | Amortisation For the Year (Deductions)/ Adjustments | Upto 07 Sep 2021 | Upto 1 April 2021 | Amortisation For the Year (Deductions)/ Adjustments | Upto 31 March 2021 |
| Software | 33.65 | 27.14 | 60.79 | 33.65 | 27.14 | 60.79 |
| Total | 33.65 | | 60.79 | 33.65 | | 60.79 |

Depreciation/amortisation of PPE and intangible assets for the year is allocated as given below:

| Particulars | ₹ Lakhs | |
|---|----------------------------------|----------------------------------|
| | For the period ended 07 Sep 2021 | For the year ended 31 March 2021 |
| Charged to Statement of profit and loss | 12,744.04 | 25,204.14 |
| Transferred to expenditure during construction period (net) - Note 31 | 230.85 | 460.72 |
| Allocated to fuel cost | 12,974.89 | 25,664.86 |
| Total | | |

Chakraborty
अपर-सहायक-प्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
Notes to the financial statements

5 Other non current assets

| Particulars | ₹ Lakhs | |
|---|----------------------|------------------------|
| | As at 07 Sep 2021 | As at 31 March 2021 |
| Capital advances | | |
| Unsecured, considered good | | |
| Covered by bank guarantee | 3,692.44 | 3,604.25 |
| Others | 6,113.17 | 6,194.26 |
| | <u>9,805.61</u> | <u>9,798.51</u> |
| Advances other than capital advances | | |
| Security deposits | 84.63 | 84.63 |
| Advance tax & tax deducted at source | 7,152.18 | 2,033.46 |
| Less: Provisions for tax | 6,188.38 | 1,185.66 |
| Total | <u>10,854.05</u> | <u>10,730.94</u> |

6 Inventories

| Particulars | As at | |
|---|------------------|------------------|
| | 07 Sep 2021 | 31 March 2021 |
| Coal | 1,415.50 | 4,156.12 |
| Fuel Oil | 434.95 | 375.24 |
| Stores and spares | 6,113.96 | 5,954.53 |
| Chemicals & consumables | 407.86 | 375.49 |
| Steel scrap | 34.51 | 45.15 |
| Loose tools | 17.70 | 21.29 |
| Others (refer note c below) | 1,727.81 | 1,673.05 |
| | <u>10,152.31</u> | <u>12,600.87</u> |
| Less: Provision for shortages | 81.71 | 81.71 |
| Less: Provision for obsolete/unserviceable items/diminution in value of surplus inventory | 110.07 | 110.07 |
| Total | <u>9,960.53</u> | <u>12,409.09</u> |

7 Trade receivables

| Particulars | As at | |
|--|--------------------|------------------|
| | 07 Sep 2021 | 31 March 2021 |
| Trade Receivables (Unsecured, considered good) | 1,27,431.54 | 82,509.26 |
| Total | <u>1,27,431.54</u> | <u>82,509.26</u> |

8 Cash and cash equivalents

| Particulars | As at | |
|--|-----------------|-----------------|
| | 07 Sep 2021 | 31 March 2021 |
| Balances with banks | | |
| Current accounts | 141.41 | 207.32 |
| Deposits with original maturity upto three months (including interest accrued) | 5,552.89 | 6,829.33 |
| Total | <u>5,694.30</u> | <u>7,036.65</u> |

9 Bank balances other than cash and cash equivalents

| Particulars | As at | |
|---|---------------|---------------|
| | 07 Sep 2021 | 31 March 2021 |
| Deposits with original maturity of more than three months and maturing within one year (including interest accrued) | 334.03 | 316.60 |
| Farmarked balances with banks | 248.09 | 126.56 |
| Total | <u>582.12</u> | <u>443.16</u> |

Chhavi
अपर: महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
Notes to the financial statements

10 Other financial assets

| Particulars | ₹ Lakhs | |
|---|----------------------|------------------------|
| | As at 07 Sep 2021 | As at 31 March 2021 |
| Unbilled revenue (Unsecured, considered good) | 2,327.67 | 16,367.73 |
| Others | - | - |
| Total | 2,327.67 | 16,367.73 |

11 Other current assets

| Particulars | ₹ Lakhs | |
|--------------------------------------|----------------------|------------------------|
| | As at 07 Sep 2021 | As at 31 March 2021 |
| Unsecured Advances, considered good | | |
| Employees | 3.28 | 1.76 |
| Contractors & suppliers | 5,781.25 | 2,851.79 |
| Prepaid insurance | 715.27 | 246.67 |
| Claims recoverable | | |
| Unsecured, considered good | 175.70 | 357.42 |
| Deposits with Government Authorities | 751.91 | 752.28 |
| Assets held for disposal | 0.48 | 0.48 |
| Others | 6.31 | 6.31 |
| Total | 7,434.20 | 4,216.71 |

Chheda
अपर-महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
Notes to the financial statements

12 Share capital

| Particulars | As at 07 Sep 2021 | | As at 31 March 2021 | |
|---|-------------------|-------------|---------------------|-------------|
| | No. of shares | ₹ Lakhs | No. of shares | ₹ Lakhs |
| Equity share capital | | | | |
| Authorised | | | | |
| Equity shares of par value ₹10/- each | 2,00,00,00,000 | 2,00,000.00 | 2,00,00,00,000 | 2,00,000.00 |
| Issued, subscribed and fully paid up | | | | |
| Equity shares of par value ₹10/- each | 1,67,06,73,710 | 1,67,067.37 | 1,56,06,73,705 | 1,61,067.37 |

a) Movements in equity share capital:

| Particulars | As at 07 Sep 2021 | | As at 31 March 2021 | |
|---|-----------------------|--------------------|-----------------------|--------------------|
| | No. of shares | ₹ Lakhs | No. of shares | ₹ Lakhs |
| As the beginning of the year | 1,61,06,73,705 | 1,61,067.37 | 1,51,06,73,705 | 1,61,067.37 |
| Issued during the year- Right Issue | 6,00,00,000 | 6,000.00 | 10,00,00,000 | - |
| Outstanding at the end of the year | 1,67,06,73,705 | 1,67,067.37 | 1,61,06,73,705 | 1,61,067.37 |

b) Terms and rights attached to equity shares:

The Company has only one class of equity shares having a par value ₹ 10/- per share. The holders of the equity shares are entitled to receive dividends as declared from time to time and are entitled to voting rights proportionate to their share holding at the meetings of shareholders.

c) Details of shareholders holding more than 5% shares in the Company:

| Particulars | As at 07 Sep 2021 | | As at 31 March 2021 | |
|--------------------------------|-------------------|--------------|---------------------|--------------|
| | No. of shares | %age holding | No. of shares | %age holding |
| NTPC Ltd. (including nominees) | 1,67,06,73,705 | 100.00 | 1,61,06,73,705 | 100.00 |

Chhast.
अपर. महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
Notes to the financial statements

13 Other equity

| Particulars | ₹ Lakhs | |
|---|----------------------|------------------------|
| | As at 07 Sep 2021 | As at 31 March 2021 |
| Share application money pending allotment | 0.00 | 6,000.00 |
| Corporate social responsibility (CSR) reserve | - | - |
| Retained earnings | 12,914.30 | 8,418.89 |
| Fly Ash Utilisation Reserve Fund | 195.15 | 73.62 |
| Total | 13,109.46 | 14,492.51 |

a) Share application money pending allotment

| Reconciliation | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | For the period ended 07 Sep 2021 | For the year ended 31 March 2021 |
| Opening balance | 6,000.00 | - |
| Add: Share application money received during the year | - | 6,000.00 |
| Less: Shares issued against share application money | 6,000.00 | - |
| Closing balance | - | 6,000.00 |

b) Retained earnings

| Reconciliation | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the period ended 07 Sep 2021 | For the year ended 31 March 2021 |
| Opening balance | - | - |
| Add: Profit for the year as per statement of profit and loss | 8,418.89 | (5,028.24) |
| Add: Items of other comprehensive income recognised directly in retained earnings: | 4,495.42 | 13,453.20 |
| Net actuarial gains/(losses) on defined benefit plans (net of tax) | - | (6.07) |
| Closing balance | 12,914.31 | 8,418.89 |

c) Fly ash utilisation reserve fund

| Reconciliation | ₹ Lakhs | |
|-----------------------------------|-------------------------------------|-------------------------------------|
| | For the period ended 07 Sep 2021 | For the year ended 31 March 2021 |
| Opening balance | 73.62 | 61.41 |
| Add: Transferred during the year; | | |
| Revenue from operations | 131.46 | 271.84 |
| Other Income | 15.80 | 15.27 |
| Less: Utilised during the year; | | |
| Tax Expenses | 25.73 | 2.58 |
| Other administration expenses | - | 272.32 |
| Closing balance | 195.15 | 73.62 |


 अपर. महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड/NTPC LIMITED

NTPC Limited, Muzaffarpur TPS (Kantl Bijlee)
Notes to the financial statements

14 Non-current borrowings

| Particulars | ₹ Lakhs | |
|--|----------------------|------------------------|
| | As at 07 Sep 2021 | As at 31 March 2021 |
| Term loans | | |
| From Banks | | |
| Secured | | |
| Rupee term loan | 1,47,167.08 | 1,51,774.37 |
| From Others | | |
| Secured | | |
| Rupee term loan | 50,861.68 | 51,742.84 |
| Unsecured | | |
| Rupee term loan | 27,866.67 | 27,866.67 |
| | <u>2,25,895.42</u> | <u>2,31,383.88</u> |
| Less: Interest accrued but not due on Term Loans | 310.94 | - |
| Less: Current maturities of term loans | | |
| From Banks | | |
| Secured rupee term loan | 19,036.94 | 19,731.87 |
| From Others | | |
| Secured rupee term loan | 3,782.62 | 3,782.62 |
| Unsecured rupee term loan | 13,933.33 | 11,433.33 |
| | <u>36,752.89</u> | <u>34,947.82</u> |
| Total | <u>1,88,831.59</u> | <u>1,96,436.06</u> |

15 Other financial liabilities

| Particulars | | |
|---------------------------------|----------------------|------------------------|
| | As at 07 Sep 2021 | As at 31 March 2021 |
| Other liabilities | | |
| Payable for capital expenditure | 2,096.61 | 2,075.14 |
| Total | <u>2,096.61</u> | <u>2,075.14</u> |

16 Non-current provisions

| Particulars | | |
|---|----------------------|------------------------|
| | As at 07 Sep 2021 | As at 31 March 2021 |
| Provision for employee benefits: | | |
| Gratuity | 25.32 | 24.50 |
| Total | <u>25.32</u> | <u>24.50</u> |

17 Deferred tax liabilities (net)

| Particulars | | |
|--|----------------------|------------------------|
| | As at 07 Sep 2021 | As at 31 March 2021 |
| Deferred tax liability | | |
| Difference in book depreciation and tax depreciation | 48,448.51 | 48,448.51 |
| Less: Deferred tax asset | | |
| Unabsorbed depreciation | 48,343.18 | 48,343.18 |
| Provisions | 105.33 | 105.33 |
| Total | <u>0.00</u> | <u>-</u> |

18 Other non-current liabilities

| Particulars | | |
|------------------|----------------------|------------------------|
| | As at 07 Sep 2021 | As at 31 March 2021 |
| Government grant | - | 4,484.58 |
| Total | <u>-</u> | <u>4,484.58</u> |


 अपर-महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड 327 LIMITED

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
Notes to the financial statements

| Particulars | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the period ended 07 Sep 2021 | For the year ended 31 March 2021 |
| Movements in government grants including current portion: | | |
| Carrying amount at the beginning of the year | 13,453.74 | 16,822.38 |
| Add: Additional grant received during the year | - | - |
| Less: Grant recognised as income during the year | 3,924.00 | 3,368.64 |
| Carrying amount at the end of the year | 9,529.74 | 13,453.74 |

19 Current borrowings

| Particulars | As at | |
|--|------------------|------------------|
| | 07 Sep 2021 | 31 March 2021 |
| Secured loans repayable on demand | | |
| From Bank | 49,003.24 | 43,576.93 |
| Current maturities of term loan | | |
| From Banks | | |
| Secured rupee term loan | 19,036.94 | 19,731.87 |
| From Others | | |
| Secured rupee term loan | 3,782.62 | 3,782.62 |
| Unsecured rupee term loan | 13,933.33 | 11,433.33 |
| Total | 85,756.13 | 78,524.75 |

20 Trade payables

| Particulars | As at | |
|--|------------------|------------------|
| | 07 Sep 2021 | 31 March 2021 |
| For goods and services | | |
| Total outstanding dues of micro and small enterprises | 1,003.96 | 633.64 |
| Total outstanding dues of creditors other than micro and small enterprises | 42,080.80 | 22,200.33 |
| Total | 43,084.76 | 22,833.97 |

21 Other financial liabilities

| Particulars | As at | |
|--|------------------|------------------|
| | 07 Sep 2021 | 31 March 2021 |
| Book Overdraft | - | - |
| Interest accrued but not due on Term Loans | 310.94 | - |
| Payable for capital expenditure | | |
| Total outstanding dues of micro and small enterprises | - | 1,003.48 |
| Total outstanding dues of creditors other than micro and small enterprises | 22,273.83 | 22,982.95 |
| Other payables | | |
| Deposits from contractors and others | 74.39 | 95.19 |
| Parent company | 12,982.16 | 11,948.77 |
| Payable to employees | 26.79 | 53.79 |
| Others | 2,425.80 | 2,061.18 |
| Total | 38,093.91 | 38,145.36 |


 अपर. महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड/NTPC LIMITED

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
Notes to the financial statements

22. Other current liabilities

| Particulars | ₹ Lakhs | |
|---|----------------------|------------------------|
| | As at 07 Sep 2021 | As at 31 March 2021 |
| Government grant | 9,529.74 | 8,969.16 |
| Tax deducted at source and other statutory dues | 4.09 | 421.00 |
| Advance from Customers | 245.42 | 188.81 |
| Total | 9,779.25 | 9,578.97 |

23. Short-term provisions

| Particulars | ₹ Lakhs | |
|--|----------------------|------------------------|
| | As at 07 Sep 2021 | As at 31 March 2021 |
| Provision for employee benefits: | | |
| Leave encashment | 28.84 | 28.41 |
| Gratuity | 0.56 | 0.28 |
| Other provisions: | | |
| Provisions for obligations incidental to land acquisition | 1,516.72 | 1,516.72 |
| Shortages in property, plant and equipment pending investigation | 2.27 | 2.27 |
| Total | 1,548.38 | 1,547.68 |


अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
Notes to the financial statements

24 Revenue from operations

| Particulars | ₹ Lakhs | |
|---|-------------------------------------|-------------------------------------|
| | For the period ended 07 Sep 2021 | For the year ended 31 March 2021 |
| Sales | | |
| Energy Sales | 68,147.82 | 1,45,282.80 |
| Sale of Fly Ash | | |
| Sale of fly ash/ash products | 131.46 | 271.84 |
| Less: Transferred to Fly Ash Utilisation Reserve Fund | (131.46) | (271.84) |
| Other Operating Income | | |
| Recognized from deferred revenue - government grant | 3,924.01 | 5,621.31 |
| Interest from customers | 6.27 | 4.33 |
| Internal Consumption of Power | 26.54 | 76.69 |
| Total | <u>72,104.63</u> | <u>1,50,985.13</u> |

25 Other income

| Particulars | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the period ended 07 Sep 2021 | For the year ended 31 March 2021 |
| Interest from | | |
| Financial assets at amortised cost | | |
| Advance to contractors | - | 24.60 |
| Deposits with banks | 28.41 | 187.71 |
| Deposits with banks fly ash utilisation reserve fund | 15.80 | 15.27 |
| Less: transferred to fly ash utilisation reserve fund | (15.80) | (15.27) |
| Income tax refund | - | 2.52 |
| Other non-operating income | | |
| Profit on disposal of PPE | 0.02 | 0.01 |
| Provision written back- Others | - | 35.09 |
| Provision written back- Shortage in Stores | - | 8.03 |
| Scrap Sales | 117.91 | 29.57 |
| Miscellaneous income | 101.04 | 242.02 |
| | <u>247.38</u> | <u>529.56</u> |
| Less: Transferred to expenditure during construction period (net)- Note 31 | - | 24.60 |
| Total | <u>247.38</u> | <u>504.95</u> |

26 Fuel Cost

| Particulars | ₹ Lakhs | |
|--------------|-------------------------------------|-------------------------------------|
| | For the period ended 07 Sep 2021 | For the year ended 31 March 2021 |
| Coal | 36,038.67 | 66,464.46 |
| Oil | 1,285.89 | 996.70 |
| Total | <u>37,324.56</u> | <u>67,461.16</u> |

27 Employee benefits expense

| Particulars | ₹ Lakhs | |
|--|-------------------------------------|-------------------------------------|
| | For the period ended 07 Sep 2021 | For the year ended 31 March 2021 |
| Salaries and wages | 2,419.70 | 6,725.59 |
| Contribution to provident and other funds | 534.87 | 1,347.08 |
| Staff welfare expenses | 301.34 | 642.97 |
| | <u>3,255.92</u> | <u>8,715.64</u> |
| Less: Allocated to fuel cost | 165.62 | 482.74 |
| Less: Transferred to expenditure during construction period (net)- Note 31 | - | - |
| Total | <u>3,090.30</u> | <u>8,232.90</u> |


 अपर-महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी पी सी लिमिटेड / NTPC LIMITED 330

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
Notes to the financial statements

28 Finance costs

| Particulars | For the period ended 07 Sep 2021 | For the year ended 31 March 2021 |
|--|-------------------------------------|-------------------------------------|
| Finance charges on financial liabilities measured at amortised cost | | |
| Rupee term loans | 8,184.83 | 21,186.50 |
| Cash credit | 1,461.72 | 3,127.44 |
| Others | - | - |
| Unwinding of discount on vendor liabilities | - | - |
| | <u>9,646.55</u> | <u>24,313.94</u> |
| Less: Transferred to expenditure during construction period (net)- Note 31 | 703.98 | 1,517.24 |
| Total | <u>8,942.58</u> | <u>22,796.70</u> |

29 Depreciation and amortization expense

| Particulars | For the period ended 07 Sep 2021 | For the year ended 31 March 2021 |
|--|-------------------------------------|-------------------------------------|
| On property, plant and equipment- Note 2 | 12,962.10 | 25,637.72 |
| On intangible assets- Note 4 | 12.78 | 27.14 |
| | <u>12,974.89</u> | <u>25,664.86</u> |
| Less :Allocated to fuel cost | 230.85 | 460.72 |
| Total | <u>12,744.04</u> | <u>25,204.14</u> |

30 Other expenses

| Particulars | For the period ended 07 Sep 2021 | For the year ended 31 March 2021 |
|---|-------------------------------------|-------------------------------------|
| Power charges | 21.15 | 76.69 |
| Less: Recovered from contractors & employees | 3.77 | 6.98 |
| | <u>17.38</u> | <u>69.71</u> |
| Water Charges | 205.44 | 406.05 |
| Stores consumed | 135.90 | 305.40 |
| Repairs & maintenance | | |
| Buildings | 6.78 | 98.62 |
| Machinery | 2,239.00 | 4,644.85 |
| Others | 108.04 | 606.19 |
| Load dispatch centre charges | 21.66 | 50.46 |
| Insurance | 354.76 | 811.72 |
| Interest to beneficiaries | - | - |
| Rates and taxes | 0.59 | 3.08 |
| Training & recruitment expenses | 6.80 | 3.50 |
| Communication expenses | 42.46 | 112.35 |
| Inland Travel | 119.25 | 261.52 |
| Foreign Travel | - | - |
| Tender expenses | - | 7.81 |
| Less: Receipt from sale of tenders | 0.71 | 0.50 |
| | <u>(0.71)</u> | <u>7.31</u> |
| Payment to auditors | 1.42 | 3.67 |
| Advertisement and publicity | - | 0.13 |
| Security expenses | 1,155.89 | 2,683.81 |
| Entertainment expenses | 26.22 | 82.81 |
| Expenses for guest house | 40.24 | 85.79 |
| Ash utilisation & marketing expenses | 0.30 | 335.17 |
| Professional charges and consultancy fee | 465.54 | 755.02 |
| Legal expenses | 48.69 | 71.18 |
| EDP hire and other charges | 1.33 | 0.90 |
| Printing and stationery | 1.41 | 2.87 |
| Hire charge of vehicles | 22.73 | 54.03 |
| Net loss/(gain) in foreign currency transactions & translations | - | 6.98 |

Chhetri
 अपर महाप्रबन्धक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 3311 सी लिमिटेड/NTPC LIMITED

NTPC Limited, Muzaffarpur TPS (Kanti Bijlee)
Notes to the financial statements

| | | |
|--|-----------------|------------------|
| Transport Vehicle running expenses | 28.43 | 68.47 |
| Horticulture Expenses | 0.08 | 8.46 |
| Demurrage Charges | - | 8.45 |
| Miscellaneous Expenses | 32.68 | 294.88 |
| Loss on disposal/write-off of PPE | - | 347.91 |
| | 5,082.31 | 12,191.29 |
| Less: Allocated to fuel cost | 327.07 | 709.97 |
| Less: Transferred to fly ash utilisation reserve fund | - | 272.32 |
| Less: Transferred to expenditure during construction period (net)- Note 31 | 1.65 | - |
| | 4,753.59 | 11,209.00 |
| Corporate Social Responsibility (CSR) expense | 49.79 | 51.40 |
| Provisions for | | |
| Shortage in stores | - | 64.96 |
| Obsolete/Diminution in the value of surplus store | - | - |
| Shortage in construction stores | - | 6.35 |
| | 4,803.38 | 11,331.71 |

31 Expenditure during construction period (net)

| Particulars | For the period ended 07 Sep 2021 | For the year ended 31 March 2021 |
|---|-------------------------------------|-------------------------------------|
| A. Finance costs | | |
| Interest on | | |
| Rupee term loans | 703.98 | 1,517.24 |
| Unwinding of discount on account of vendor liabilities | - | - |
| Total (A) | 703.98 | 1,517.24 |
| B. Generation, administration & other expenses | | |
| Power charges | - | - |
| Rent | - | - |
| Repairs & maintenance | - | - |
| Buildings | 1.65 | (1.86) |
| Others | - | 1.86 |
| Insurance | - | - |
| Communication expenses | - | - |
| Travelling expenses | - | - |
| Tender expenses | - | - |
| Security expenses | - | - |
| Entertainment expenses | - | - |
| Expenses for guest house | - | - |
| Professional charges and consultancy fee | - | - |
| Legal expenses | - | - |
| EDP Hire and other charges | - | - |
| Printing and stationery | - | - |
| Hiring of vehicles | - | - |
| Bank charges | - | - |
| Miscellaneous expenses | - | - |
| Total (B) | 1.65 | - |
| C. Other income | | |
| Interest from contractors | - | 24.60 |
| Total (C) | - | 24.60 |
| Grand total (A+B-C) | 705.63 * | 1,492.64 * |

* Carried to Capital work-in-progress - Note 3

**Durga
Shankar**

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Chhanchh
अपर. महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड / NTPC LIMITED
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