

Petition No :



Barauni Thermal Power Station Stage-I

(2x110 MW)

**TARIFF PETITION FOR THE PERIOD
15.12.2018 TO 31.03.2019**

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-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 for approval of tariff of **Barauni Thermal Power Station Stage-I** for the period from the date of takeover i.e. 15.12.2018 to 31.03.2019.

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AND
IN THE MATTER OF

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

Respondents: 1. North Bihar Power Distribution Company Ltd (NBPDC),
Vidyut Bhawan, Bailey Road
Patna- 800021

2. South Bihar Power Distribution Company Ltd (SBPDCL),
Vidyut Bhawan, Bailey Road
Patna- 800021



The Petitioner humbly states that:

- 1) The Petitioner herein NTPC Ltd. (hereinafter referred as 'NTPC' or 'the petitioner'), is a Government Company within the meaning of the Companies Act, 1956. Further, it is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.
- 2) The petitioner is having power stations/projects in different regions and places in the country. Barauni Thermal Power Station Stage-I hereinafter called 'BTPS Stage-I' situated at Barauni in Begusarai District of Bihar, previously owned by Bihar State Power Generating Company Ltd (BSPGCL). The assets of BTPS Stage-I, were transferred w.e.f. 15.12.2018, and vested in the Petitioner, NTPC Ltd, by the Government of Bihar (GoB) in accordance with the "The Bihar Power Generation Undertakings Transfer Scheme, 2018", hereinafter called 'Transfer Scheme', vide notification dated 27.06.2018 and subsequent amendment dtd 14.12.2018 Copy of the said Transfer Scheme and Notification dated 27.06.2018 & 14.12.2018 is attached as **Annexure-A**.
- 3) 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. Accordingly, Barauni Thermal Power Station Stage-I is under the Regulatory jurisdiction of Hon'ble Central Electricity Regulatory Commission.
- 4) As per Transfer Scheme NTPC is mandated for refurbishment, revival, R&M and O&M of various existing Units of BTPS Stage-I so as to improve their performance which is at present very low.
- 5) BTPS Stage-I presently consists of installed capacity of 220 MW (2x110 MW). Earlier existing units 3 units of 15 MW each and 2 units of 50 MW each have already been de-commissioned as per the details below:



Unit No	Capacity (MW)	Present Installed capacity (MW)	Date of COD	Status of units as on 15.12.2018
1	15	0	26.10.1966	Retired on 16.02.1998
2	15	0	16.01.1963	Retired on 26.11.1985
3	15	0	20.10.1963	Retired on 05.10.1985
4	50	0	09.11.1969	Retired on 12.03.2012
5	50	0	01.12.1971	Retired on 12.03.2012
6 (Existing)	110	110	01.05.1983	Under Shut Down. To be Re-commissioned.
7(Existing)	110	110	31.03.1985	Under Shut Down. To be Re-commissioned.
TOTAL	365	220		

BTPS Stage-I was taken over by NTPC on 15.12.2018. Both units 6&7 were under shutdown at the time of takeover and were to be revived by doing selective repair, refurbishment/R&M as per requirement.

- 6) Ministry of Power, Government of India vide letter dated 21.06.2018 has allocated 100% power from existing Units of BTPS Stage-I and from new upcoming capacity of 2x250 MW to Bihar (A copy of the allocation letter is attached at **Annexure-B**). Amended and Restated Power Purchase Agreement (hereinafter called PPA) was signed between Bihar Discoms (North Bihar Power Distribution Company Ltd and South Bihar Power Distribution Company Ltd) and NTPC Ltd on 07.06.2018, assigning earlier signed power purchase agreement between Bihar Discoms and BSPGCL for sale of power from Barauni Stage-I & II to Bihar Discoms. Copy of the PPA between Bihar Discoms and NTPC Ltd for sale of electricity form Barauni Stage-I &II is attached at **Annexure-C**.



Capital Cost

- 7) In respect of capital cost Bihar Discoms and NTPC Ltd have agreed in the PPA (dated 07.06.2018) as follows :

"5.1.3 Capital Cost:

BTPS Stage-I

The Capital cost for tariff purpose for BTPS Stage-I shall be the transfer value as determined under Transfer Scheme of Government of Bihar as per the provisions of Section 131 (3)(a) of the Act. Any capital expenditure incurred by NTPC on restoration, refurbishment, meeting environment norms, efficient operation of station, associated studies and other such works shall form the part of capital cost for the purpose of tariff."

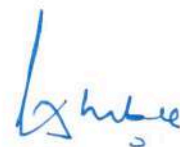
- 8) Government of Bihar (GoB) vide Transfer Scheme notified on 27.06.2018 has vested the specified assets of Barauni Stage-I to NTPC Ltd at a transfer value given at Schedule-A Part-II of the said Transfer Scheme. Accordingly, for the purpose of arriving at capital cost of the performing existing units of BTPS Stage-I in the instant petition, the transfer value has been considered as per the terms of PPA and the Transfer Scheme.

- 9) The provisions of Part-IV of the Transfer Scheme dated 27.06.2018 for the purpose of transfer value provides as below:

"IV Consideration to be paid by NTPC to BSPGCL for transfer of assets and equity buy-out would be as follows:

- a. The Consideration of the BTPS Assets shall be as agreed between the Parties, subject to acceptance by CERC and will form the basis for determination of fixed charge of the tariff payable by the Bihar Discoms. NTPC, subject to adjustments if any, shall pay this value to BSPGCL as Transfer Consideration of BTPS Assets."*

- 10) The details of assets of BTPS Stage-I and their respective Transfer value transferred to NTPC as per the Transfer Scheme dated 27.06.2018 are as provided below :



Sl. No.	Items	Transfer Value (Rs. Lakh.)
A	Fixed Assets	
1	Plant & machinery including civil structure capitalized on date of takeover.	3249.16
2	Assets to be capitalized after Restoration /Revival /R&M of Units (To be capitalized on unit Re-commissioning)	10600.36
	Total Fixed assets	13849.52*
B	Current Assets	1150.48
	Grand Total	15000.00

An auditor certificate (valuation report relevant pages) regarding the same is attached as **Annexure-D**.

*In addition to 13847.51 Lakh as per valuation report Rs 2.01 Lakh pertains to stores.

- 11) The value of fixed assets taken in books of account on takeover is considered for deriving opening Capital Cost for tariff i.e Rs 3249.16 Lakhs. It is further submitted that assets of Rs 106.00 Cr are to be capitalized after restoration of units, therefore these assets and currents Assets (Rs. 11.50 Crs) have not been considered in opening capital cost for the tariff computation.
- 12) Further, as per the provisions of the Transfer Scheme, out of the total land of 911.84 acres of BTPS (Barauni Thermal Power Station) vested in NTPC, 224.91 acres(including existing ash dyke) of land is transferred to NTPC for Barauni Thermal Power Station Stage-I (2X110MW). As per the Transfer Scheme, the specified land is leased by GoB at a lease rent of Rs. 1/- for 33 years. Accordingly, the cost of land of BTPS Stage-I is excluded from the capital cost for the purpose of tariff computation.
- 13) Therefore, in line with the Power Purchase Agreement dated 07.06.2018 signed between Bihar Discoms and NTPC and Transfer scheme of GoB dated 27.06.2018 & 14.12.2018, opening capital cost considered in the instant petition is Rs. 32.49 Cr i.e. cost of Plant & Machinery and Plant Structural & Civil Buildings in debt equity ratio of 70:30 for the purpose of tariff computation.
- 14) The petitioner, is carrying out various studies, inspection and condition assessment of the units and planning refurbishment/R&M, repair and maintenance of the Units accordingly. The estimation of expenditure to be incurred for refurbishment of various units for

Large

successful operation may take some time for finalization. The same shall be informed to the Hon'ble Commission subsequently in next tariff period. Accordingly there is no additional capitalization expenditure incurred by the petitioner for the period from the date of takeover i.e 15.12.2018 to 31.03.2019. In view of this, the petitioner seeks liberty to provide the projected additional capitalization after the finalization of the same.

Return on Equity

- 15) The ROE (15.5%) is being grossed up at MAT rate of 21.5488%, which is the Effective Tax Rate applicable for NTPC in 2018-19 for the purpose of computation of ROE.

Depreciation

- 16) In regard to the depreciation to be charged in tariff, the Petitioner and Respondent have agreed as follows in Power Purchase Agreement:

“5.1.5 Depreciation :

BTPS Stage-I: The Capital Cost and any Additional Capital Expenditure required to sustain operation of the units, till they are scrapped would be depreciated within the remaining Useful Life of the station. Useful Life of the Existing Units shall be as determined by RLA studies or as per mutually agreed terms.”

In terms of above the total depreciation of the transfer value is to be recovered during the remaining life of the BTPS Stage-I units. Based on RLA study carried by Bihar State Power Generating Company Ltd , the remaining life of 5 years has been considered from the date of Recommissioning of unit for recovery of total depreciation of the BTPS Stage-I units (i.e. 90% of the capital cost).

- 17) BTPS Stage-I is a taken over station and both units were in stopped condition as on date of takeover. The petitioner besides its best efforts could revive the Unit-7 on 23.05.2019 and Unit-6 has been made available from 16.12.2019 after R&M. As both Units were under shutdown during the period 15.12.2018 to 31.03.2019, the availability for the period is 'Nil'. As per the clause 5.1.4 of Power purchase agreement signed with Bihar



Discoms, the Target Availability for the first year shall be based on actuals. However, the availability of station was low due to unavoidable reasons which were beyond the control of petitioner. The petitioner could not put any of the units on bar immediately after takeover due to technical and safety aspects. As mentioned above, the first unit that could be put in service was Unit-7 on 23.05.2019, and Unit-6 was put in service on 16.12.2019.

Norms of Operation

- 18) Both units of Barauni Stage-I are very old and have crossed their useful life and are being operated in extended useful life. Before takeover, Unit-7 has only been in service for a brief period 04.11.2016 to 07.05.2017 and was operated at load of about 70 MW due to poor condenser vacuum problem by BSPGCL.

The actual operating performance of BTPS Stage-I during 2016-17 as per records is provided below :

Barauni Stage-I U#7 performance 2016-17					
Month	PLF%	Gross Generation (MU)	HR (Kcal/Kwhr)	specific oil (ml/Kwhr)	Maximum Power (MW)
Nov-16 (04.11.2016 onwards)	21.80	17.26	4768	30.3	106
Dec-16	40.52	33.16	4516	24	102.88
Jan-17	55.71	45.60	4195	8.9	90.33
Feb-17	20.93	15.47	4068	4.33	77.81
Mar-17	24.35	19.93	4564	16.03	110
Cumm. Value	33.64		4392	16	97

Note : Based on Petition filed by BSPGCL in BERC for 2018-19 ARR. Heat Rate and Specific oil weighted average based on generation.

The average PLF and Heat rate achieved during this period was 33.64 % and 4392 Kcal/Kwhr respectively in 2016-17.



In view of such condition of Units it has been agreed between the Petitioner and the Respondent in PPA dated 07.06.2018 as under:

"5.1.4 Norms of Operation:

BTPS Stage-I: The norms for Heat Rate, Auxiliary Power Consumption and Specific Oil Consumption, Target Availability for recovery of full annual fixed charges and O&M Expenses during the first year after the date of Asset transfer date shall be at the actuals. Thereafter, these norms shall be as decided by the Central Commission based on the actuals achieved during the past period."

Accordingly, the norms for Station Heat Rate, Auxiliary Power Consumption and Specific Oil Consumption, Target Availability for recovery of full annual fixed charges and O&M Expenses during the first year shall be based on the actuals.

As both the units were under shutdown at the time of takeover and have to revived after refurbishment/R&M , the initial performance is not as desired. It is therefore submitted that based on above the actual operating parameters of Station Heat rate, APC, Specific Oil, Availability and O&M expenses may be considered for tarriff during first year of operation.

- 19) The petitioner after restoration has been able to revive generation from Unit-7 w.e.f 23.05.2019. Unit-6 is under shutdown since August 2006. The re-commissioning and stabilization of these units will lead to higher oil consumption.
- 20) As both units were under shutdown from 15.12.2018 to 22.05.2019 .The petitioner has not been able to get any revenue during this period. In view of above it is prayed that Hon'ble Commission may allow petitioner to bill O&M expenses and interest on loan for the period of shutdown for R&M of Unit-6 and Unit-7 i.e from 15.12.2018 to 31.03.2019 as per proviso to Regulation 30(2) of CERC Tariff Regulations, 2014 which provides as hereunder :

"Provided that in case of generating station or unit thereof or transmission system or an element thereof, as the case may be, under shutdown due to Renovation and Modernisation, the generating company or the transmission licensee shall be allowed to recover part of AFC which shall include O&M expenses and interest on loan only."



- 21) Further, the coal for the BTPS Stage-I units is being sourced from Eastern Coal Fields Limited (ECL) of CIL through Indian railway networks under the Coal Supply Agreement between ECL and BSPGCL (erstwhile BSEB) dated 06.11.2009 amended on 03.03.2016. The same stands transferred to NTPC from the date of transfer i.e. 15.12.2018 under clause VIII of the Transfer Scheme dated 27.06.2018.
- 22) The Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2014 (hereinafter 'Tariff Regulations 2014') which have come into force from 1.4.2014, specifying the terms & conditions and methodology of tariff determination under Section 62 & 79 of the Electricity Act, 2003. The Petitioner is filing the present petition for determination of tariff for BTPS Stage-I from date of takeover of Barauni Stage-I i.e. 15.12.2018 to 31.03.2019 as per the Tariff Regulations 2014 and as per the terms of PPA and Transfer Scheme.
- 23) The instant petition is being filed seeking approval of tariff of BTPS Stage-I (2x110 MW) from date of takeover of the project i.e. 15.12.2018 to 31.03.2019 based on actuals. Further, it is submitted that one unit-7 of BTPS stage-I has started generation and is supplying power to Bihar Discoms from 23.05.2019 the other Unit No.6, has been revived w.e.f 16.12.2019.

The Hon'ble Commission may be pleased to issue interim order to facilitate an interim arrangement for billing of energy supplied to Bihar Discoms from the date of takeover of BTPS Stage-I based on the capital cost/annual fixed charges claimed in the instant petition for the period till final tariff under Tariff Regulations 2014 is determined by Hon'ble Commission. Under section 94 (2) of the Electricity Act' 2003 Hon'ble Commission has powers to issue such interim orders as it may consider appropriate.

- 24) It is further submitted that levies, taxes, duties, SLDC /RLDC charges, service tax and publication expenses etc. levied by the various authorities on Petitioner in accordance with law shall be billed to beneficiaries additionally.
- 25) It is submitted that the requisite filing fee for the year 2018-19 as per the provisions of the CERC (Payment of Fees) Regulations, 2012 for this petition may be adjusted against the excess filing fees paid by petitioner in Pet No 130/GT/2014. (Copy of letter dtd 06.01.2019 to Hon'ble Commission in this regard attached at **Annexure-E**).

Prayer

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

- i) Approve tariff of Barauni Stage-I Thermal Power Station (2x110 MW) from the date of takeover i.e. 15.12.2018 to 31.03.2019.
- ii) Allow recovery of O&M expenses and interest on loan for shutdown period for revival and restoration of Unit-6&7 as per proviso to Regulation 30(2) of CERC Tariff Regulations, 2014.
- iii) Grant interim tariff order to facilitate billing.
- iv) Allow the recovery of filing fees as and publication expenses incurred by the petitioner.
- v) Allow billing and recovery of levies, taxes, duties, SLDC/RLDC charges, service tax etc. levied by the various authorities on Petitioner in accordance with law additionally from the beneficiaries.
- vi) Pass any other order as it may deem fit in the circumstances mentioned above.


(Petitioner)

New Delhi

15th Jan. 2020.

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-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 for approval of tariff of **Barauni Thermal Power Station Stage-I (2x110 MW)** for the period from the date of takeover i.e. 15.12.2018 to 31.03.2019.

AND

IN THE MATTER OF

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

Respondents: 1. North Bihar Power Distribution Company Ltd (NBPDC),
Vidyut Bhawan, Bailey Road
Patna- 800021

2. South Bihar Power Distribution Company Ltd (SBPDCL),
Vidyut Bhawan, Bailey Road
Patna- 800021



R.V. Singh

Affidavit

I, Rohit Chhabra, son of Sh. S M Chhabra, aged about 54 years, having office at NTPC Bhavan, SCOPE Complex, Lodhi Road, New Delhi do solemnly affirm and state as under:

1. That I am the Additional General Manager (Commercial) of the Petitioner NTPC Ltd. and am well conversant with the facts of the case and am competent to swear the present Affidavit.
2. That I have read the contents of the accompanying tariff petition filed by NTPC Ltd and have understood the same.
3. That the contents of the accompanying petition being filed by NTPC Ltd are based on information available with the petitioner in the normal course of business and believed by the deponent to be true.



(DEPONENT)

VERIFICATION

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

Verified at New Delhi on this 15th day of January 2020.



(DEPONENT)



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

Notary Public, DELHI

15 JAN 2020

APPENDIX-I

PART-I

**BTPS Stage-I TARIFF FILING FORMS
(THERMAL)**

PETITION FOR 15.12.2018 to 31.03.2019

PART-I		
Checklist of Forms and other information/ documents for tariff filing for Thermal Stations		
Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM- 1	Summary Sheet	✓
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*	Calculation of O&M Expenses	✓
FORM- 4	Details of Foreign loans	NA
FORM- 4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	✓
FORM-5A	Abstract of Capital Cost Estimates and Schedule of Commissioning for the New projects	NA
FORM-5B	Break-up of Capital Cost for Coal/Lignite based projects	NA
FORM-5C	Break-up of Capital Cost for Gas/Liquid fuel based Projects	NA
FORM-5D	Break-up of Construction/Supply/Service packages	NA
FORM-5E	Details of variables , parameters , optional package etc. for New Project	NA
FORM-5Ei	In case there is cost over run	NA
FORM-5Eii	In case there is time over run	NA
FORM-5F	In case there is claim of additional RoE	NA
FORM- 6	Financial Package upto COD	✓
FORM- 7	Details of Project Specific Loans	NA
FORM- 8	Details of Allocation of corporate loans to various projects	✓
FORM-9A	Statement of Additional Capitalisation after COD	NA
FORM – 9B	Statement of Additional Capitalisation during lag end of the useful life of Project	NA
FORM – 9Bi	Details of Assets De-capitalised during the period	✓
FORM – 9C	Statement showing reconciliation of ACE claimed with the capital additions as per books	✓
FORM – 9D	Statement showing items/assets/works claimed under Exclusions	NA
FORM- 9E	Statement of Capital cost	✓
FORM- 9F	Statement of Capital Woks in Progress	✓
FORM- 10	Financing of Additional Capitalisation	
FORM- 11	Calculation of Depreciation	NA
FORM- 12	Statement of Depreciation	✓
FORM- 13	Calculation of Weighted Average Rate of Interest on Actual Loans	✓
FORM- 13A	Calculation of Interest on Normative Loan	✓
FORM- 13 B	Calculation of Interest on Working Capital	✓
FORM- 13 C	Other Income as on COD	NA
FORM- 13 D	Incidental Expenditure during Construction up to Scheduled COD and up to Actual COD	NA
FORM- 13 E	Expenditure under different packages up to Scheduled COD and up to Actual COD	NA
FORM- 13 F*	Computation of Energy Charges	NA
FORM- 14	Draw Down Schedule for Calculation of IDC & Financing Charges	✓
FORM- 14A	Actual cash expenditure	NA
FORM-15	Details/Information to be Submitted in respect of Fuel(Coal) for Computation of Energy Charges1	NA
FORM-15A	Details/Information to be Submitted in respect of Fuel(LDO) for Computation of Energy Charges2	NA
FORM- 16	Details/Information to be Submitted in respect of Limestone for Computation of Energy Charge Rate	NA
FORM-17	Details/Information to be Submitted in respect of Capital Spares	NA
FORM-18	Liability Flow Statement	SS
* Additional Form		
## Cost Audit Report is submitted in True-up Petition of Pet no. 286/GT/2014.		
Other Information/ Documents		
Sl. No.	Information/Document	Tick
1	Certificate of incorporation, Certificate for Commencement of Business, Memorandum of Association & Articles of Association (For New Station setup by a company making tariff application for the first time to CERC)	NA
2	A. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures on COD of the Station for the new station & for the relevant years B. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures for the existing station for relevant years.	✓
3	Copies of relevant loan Agreements	✓
4	Copies of the approval of Competent Authority for the Capital Cost and Financial package	NA
5	Copies of the Equity participation agreements and necessary approval for the foreign equity.	NA
6	Copies of the BPSA/PPA with the beneficiaries, if any	✓
7	Detailed note giving reasons of cost and time over run, if applicable. List of supporting documents to be submitted: a. Detailed Project Report b. CPM Analysis c. PERT Chart and Bar Chart d. Justification for cost and time Overrun	NA
8	Generating Company shall submit copy of Cost Audit Report along with cost accounting records, cost details, statements, schedules etc. for the Generating Unit wise /stage wise/Station wise/ and subsequently consolidated at Company level as submitted to the Govt. of India for first two years i.e. 2014-15 and 2015-16 at the time of mid-term true-up in 2016-17 and for balance period of tariff period 2014-19 at the time of final true-up in 2019-20. In case of initial tariff filing the latest available Cost Audit Report should be furnished.	##
9	Any other relevant information, (Please specify)	NA
10	Reconciliation with Balance sheet of any actual additional capitalization and amongst stages of a generating station	SS
SS: There was no add cap during the period 15.12.2018 to 31.03.2019.		

Handwritten signature

Summary Sheet

Name of the Petitioner	NTPC Limited
Name of the Generating Station :	BTPS Stage-I (2x110 MW)
Place (Region/District/State):	Eastern Region /Muzaffarpur / BIHAR

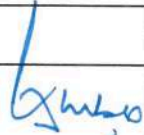
Rs Lakh

S.No.	Particulars	Unit	Reference Form	2018-19 (Annualised)
				15.12.2018 to 31.03.2019
1	2	3	4	5
1.1	Depreciation	Rs Lakh	Form-12	0.00
1.2	Interest on Loan	Rs Lakh	Form-13A	189.68
1.3	Return on Equity ¹	Rs Lakh	Form-1(II)	192.59
1.4	Interest on Working Capital	Rs Lakh	Form-13B	Units under shutdown
1.5	O&M Expenses	Rs Lakh	Form-3A	2056.81
1.7	Compensation Allowance (If applicable)	Rs Lakh		-
1.8	Special allowance (if applicable)	Rs Lakh		-
1.6	Secondary fuel oil cost	Rs Lakh		-
	Total	(Rs. Lakh)		2439.08
2.1	Landed Fuel Cost (Domestic : coal/gas/RLNG/liquid)	Rs/MT		Both units were under shutdown during the period.
	(%) of Fuel Quantity	(%)		
2.2	Landed Fuel Cost (Imported Coal)	Rs/MT		
	(%) of Fuel Quantity	(%)		
2.3	Secondary fuel oil cost(Paise/kWh)	P/Kwh	Form-13F	
2.4	Energy Charge Rate ex-bus (Paise/kWh) ^{2A,2B,2C,2D}	P/Kwh	Form-13F	
2.5	AFC To be billed	(Rs. Lakh)	(1.2+1.5)	2246.49

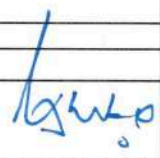


(PETITIONER)



		Part-I
		Form-1(I)
Form-1(I) –Statement showing claimed capital cost:		
Name of the Company		NTPC Limited
Name of the Power Station		BTPS Stage-I (2x110 MW)
		Rs Lakh
Sl. No.	Particulars	2018-19
		15.12.2018 to 31.03.2019
(1)	(2)	(3)
1	Opening Capital Cost (on cash basis) as per Form 5	3249.16
2	Add: Addition during the year / period (on cash basis)	0.00
3	Less: Decapitalisation during the year /period	0.00
4	Less: Reversal during the year / period	0.00
5	Add: Discharges during the year /period	0.00
6	Closing Capital Cost (on cash basis)	3249.16
7	Average Capital Cost	3249.16
		 (PETITIONER)

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		Part-1
		Form-1(II)
Form-1(II) Statement showing Return on Equity		
Name of the Company		NTPC Limited
Name of the Power Station		BTPS Stage-I (2x110 MW)
		Rs Lakh
S. No.	Particulars	2018-19
		15.12.2018 to 31.03.2019
(1)	(2)	(3)
1	Opening Capital Cost	3249.16
2	Addition during the year / period	0.00
3	Closing Capital Cost	3249.16
4	Average Capital Cost	3249.16
5	Opening Equity	974.75
6	Add: Increase due to addition during the year /period.	0.00
7	Less: Decrease due to de-capitalisation during the year / period	0.00
8	Less: Decrease due to reversal during the year / period	0.00
9	Add: Increase due to discharges during the year / period	0.00
10	Closing Equity	974.75
11	Average Equity	974.75
12	Rate of ROE	19.76%
13	Return on Equity (annualised)	192.59
		 (PETITIONER)

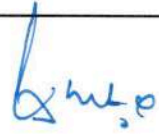
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Plant Characteristics

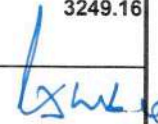
Name of the Petitioner				
Name of the Generating Station	NTPC Ltd. BTPS Stage-I (2*110 MW)			
Unit(s)/Block(s)/Parameters	Unit-6	Unit-7		
Installed Capacity (MW)	110	110		
Schedule COD as per Investment Approval	Unit under R&M	Unit under R&M		
Actual COD /Date of Taken Over (as applicable)				
Pit Head or Non Pit Head	Non Pit Head	Non Pit Head		
Name of the Boiler Manufacture	BHEL	BHEL		
Name of Turbine Generator Manufacture	LMZ(BHEL)	LMZ(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	32	32		
Reheat Steam Temperature at Turbine inlet (°C) ¹	540	540		
Main Steam flow at Turbine inlet under MCR condition (tons /hr) ²	363.7	363.7		
Main Steam flow at Turbine inlet under VWO condition (tons /hr) ²	375	375		
Unit Gross electrical output under MCR /Rated condition (MW) ²	110MW	110MW		
Unit Gross electrical output under VWO condition (MW) ²		Not applicable		
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh) ³		Not applicable		
Conditions on which design turbine cycle heat rate guaranteed(kcal/kwhr)	Not applicable			
Design Cooling Water Temperature (°C)	Not applicable			
Back Pressure(Average condenser pressure in mmHg(A))				
Steam flow at super heater outlet under BMCR condition (tons/hr)				
Steam Pressure at super heater outlet under BMCR condition) (kg/Cm ²)				
Steam Temperature at super heater outlet under BMCR condition (°C)				
Steam Temperature at Reheater outlet at BMCR condition (°C)				
Design / Guaranteed Boiler Efficiency (%) ⁴				
Design Fuel with and without Blending of domestic/imported coal				
(GCV) Domestic Design coal			3300	3300
Blended Coal (Domestic Design 70%+ Imported 30%)				
Type of Cooling Tower	FDCT	FDCT		
Type of cooling system⁵	Closed Cycle	Closed Cycle		
Type of Boiler Feed Pump⁶	MDBFP	MDBFP		
Fuel Details⁷				
-Primary Fuel	Coal	Coal		
-Secondary Fuel	LDO	LDO		
-Alternate Fuels				
Types of SOX control system	Measurement provision is available			
Types of NOX control system	Measurement provision is available			
Details of SPM control system	ESP with measurement provision is installed			
Special Features/Site Specific Features⁸				
Special Technological Features⁹				

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Exhibits

			FORM-3A
			ADDITIONAL FORM
Calculation of O&M Expenses			
Name of the Company :		NTPC Limited	
Name of the Power Station :		BTPS Stage-I (2x110 MW)	
			Rs. Lakh
S.No.	Particulars	Existing	2018-19
			15.12.2018 to 31.03.2019
1	2	3	4
1	O&M expenses under Reg.29(1)		0
2	O&M expenses under Reg.30(2) *		2056.81
2a	Water Charges*		-
2b	Capital spares consumed		0.00
3	Total O&M Expenses (Annualized)**		2056.81
<p>*Water charges shall be paid in subsequent years , it is prayed that Hon'ble Commission may allow the same as and when paid.</p>			
<p>** As per PPA the O&M expenses for 1st year are at actuals . The actual O&M expenses for the period 15.12.2018 to 31.03.2019 are Rs 617.88 Lakh.Above O&M expenses are annualized. The figures indicated above are annualised value.</p>			
			 (PETITIONER)

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PART-I	
FORM-5	
Abstract of Admitted Capital Cost for the existing Projects	
Name of the Company	NTPC Limited
Name of the Power Station	BTPS Stage-I (2x110 MW)
Last date of order of Commission for the project	Date (DD-MM-YYYY)
Reference of petition no. in which the above order was passed	Petition no.
Closing capital cost excluding liability including grant as on 15.12.2018	(Rs. in Lakh)
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)	(Rs. in Lakh)
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)	(Rs. in Lakh)
Grant included in Capital cost of BTPS Stage-I as on 15.12.2018	(Rs. in Lakh)
Opening Capital cost of BTPS Stage-I as on 15.12.2018 excluding liability and grant.	(Rs. in Lakh)
 (PETITIONER)	

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Financial Package upto COD

PART-I
Form-6

Name of the Company

NTPC Ltd

Name of the Power Station

BARAUNI-I

Project Cost as on COD

Date of Commercial Operation of the Station

Debt : Equity Ratio

(Amount in Rs.)

Particulars	Financial Package as Approved		Financial Package as on COD		As Admitted on COD	
	Currency and		Currency and Amount		Currency and Amount	
1	2	3	4	5	6	7
State Bank of India - XI			INR	1500000000		
Total				1500000000		

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Statement Giving Details of Project Financed through a Combination of loan
Form 8

BP NO 5050000661

TRANCHE NO

T00001

D00006

Unsecured Loan From SBI-XI

Source of Loan :	SBI-XI	
Currency :	INR	
Amount of Loan :	50,000,000,000	
Total Drawn amount :	20,000,000,000	
Date of Drawal:	21.12.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	21.12.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARAUNI-I	1,500,000,000
	BARAUNI-II	18,500,000,000
Total Allocated Amount		20,000,000,000.00

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Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner NTPC Limited
Name of the Generating Station BTPS Stage-I (2x110 MW)
COD 01-11-13
For Financial Year 2018-19 **Rs lakh**

Sl. No.	Head of Work /Equipment	ACE Claimed (Projected)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
	NIL							
Total add cap for tariff								

(Signature)
(PETITIONER)

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(Signature)

Statement showing reconciliation of ACE claimed with the capital additions as per books

Name of the Petitioner		NTPC LTD	
Name of the Generating Station		Barauni TPS Stage-I	
Amount in Rs Lakh			
SI No	Particulars	From 15.12.2018 to 31.03.2019	Remarks
1	Closing Gross Block as per IGAAP Audited Balance Sheet as on 15.12.2018	0	
4	Add: Additions as per Note-2	7,090.94	As per Ind AS Balance Sheet
5	Add: Additions as per Note-2 out of adjustment coloumn	120.65	
6	Less: Decapitalisation as per Note-2 out of adjustment coloumn	0	
7	Total Addition as per Ind AS Balance Sheet (4 + 5 - 6)	7,211.59	
IND AS Adjustments			
8	Add: Vendor discounting out of assets in the year	0	IND AS ADJ
9	Less: Unwinding expenses Capitalised	0	
10	Less: IND AS Adj of Decapitalisation out of ROW 6 (Mitigating the impact of carrying cost exemption to arrive)	0	
11	Less: Total addition in capital OH asset class (including adjustments also)	0	
12	Add: Decapitalisation of capital Overhauling during the year	0	
13	Add/Less: Any other IND AS adjustment having impact on Property, Plant & Equipments	0	
14	Subtotal IND AS ADJ (8-9-10-11+12+13)	0.00	
15	Closing Gross Block as per IGAAP	7,211.59	
16	Addition as per IGAAP (row 15 - 3)	7,211.59	
17	Less: Barauni TPS Stage- II	3,962.43	
18	Net Additions pertaining to Barauni TPS Stage-I*	3,249.16	
*The capitalisation as on takeover of Barauni TPS Stage-I has been shown as addition in books of account. There is no additional capitalisation during the period 15.12.2018 to 31.03.2019.			

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Details of Assets De-capitalized during the period

Name of the Petitioner	NTPC Limited
Name of the Generating Station	BTPS Stage-I (2x110 MW)
Region/State/District	Eastern Region/BIHAR/Muzaffarpur

Sr. No.	Name of the Asset	Nature of de-capitization (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
1	2	3	4	5	6
1	Nil				
2					
3					
4					
5					


(PETITIONER)

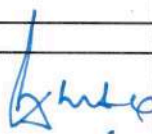
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Name of the Petitioner	NTPC Limited
Name of the Generating Station	BTPS Stage-I (2x110)

Statement of Capital cost as on 15.12.2018 to 31.03.2019

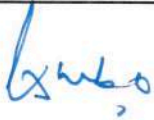
Sl. No.	Particulars	(Rs. Lakh)
		2018-19
A	a) Opening Gross Block Amount as per books	0.00
	b) Amount of capital liabilities in A(a) above	0.00
	c) Amount of IDC in A(a) above	
	d) Amount of FC in A(a) above	
	e) Amount of FERV in A(a) above	
	f) Amount of Hedging Cost in A(a) above	
	g) Amount of IEDC in A(a) above	
B	a) Addition in Gross Block Amount during the period (Direct purchases)	
	b) Amount of capital liabilities in B(a) above	
	c) Amount of IDC in B(a) above	
	d) Amount of FC in B(a) above	
	e) Amount of FERV in B(a) above	
	f) Amount of Hedging Cost in B(a) above	
	g) Amount of IEDC in B(a) above	
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)	3249.16
	b) Amount of capital liabilities in C(a) above	0.00
	c) Amount of IDC in C(a) above	
	d) Amount of FC in C(a) above	
	e) Amount of FERV in C(a) above	
	f) Amount of Hedging Cost in C(a) above	
	g) Amount of IEDC in C(a) above	
D	a) Deletion in Gross Block Amount during the period	
	b) Amount of capital liabilities in D(a) above	
	c) Amount of IDC in D(a) above	
	d) Amount of FC in D(a) above	
	e) Amount of FERV in D(a) above	
	f) Amount of Hedging Cost in D(a) above	
	g) Amount of IEDC in D(a) above	
E	a) Closing Gross Block Amount as per books	3249.16
	b) Amount of capital liabilities in E(a) above	0.00
	c) Amount of IDC in E(a) above	
	d) Amount of FC in E(a) above	
	e) Amount of FERV in E(a) above	
	f) Amount of Hedging Cost in E(a) above	
	g) Amount of IEDC in E(a) above	


(PETITIONER)

PART-I		
FORM- 9F		
Name of the Petitioner		NTPC Limited
Name of the Generating Station		BTPS Stage-I (2x110 MW)
Statement of Capital Work in progress 15.12.2018 to 31.03.2019		
(Rs. Lakh)		
Sl. No.	Particulars	2018-19
A	a) Opening CWIP as per books	13849.52
	b) Amount of capital liabilities in A(a) above	0.00
	c) Amount of IDC in A(a) above	0.00
	d) Amount of FC in A(a) above	0.00
	e) Amount of FERV in A(a) above	0.00
	f) Amount of Hedging Cost in A(a) above	0.00
	g) Amount of IEDC in A(a) above	0.00
B	a) Addition in CWIP during the period	1067.82
	b) Amount of capital liabilities in B(a) above	0.00
	c) Amount of IDC in B(a) above	270.12
	d) Amount of FC in B(a) above	0.00
	e) Amount of FERV in B(a) above	0.00
	f) Amount of Hedging Cost in B(a) above	0.00
	g) Amount of IEDC in B(a) above	797.69
C	a) Transferred to Gross Block Amount during the period	3249.16
	b) Amount of capital liabilities in C(a) above	0.00
	c) Amount of IDC in C(a) above	0.00
	d) Amount of FC in C(a) above	0.00
	e) Amount of FERV in C(a) above	0.00
	f) Amount of Hedging Cost in C(a) above	0.00
	g) Amount of IEDC in C(a) above	0.00
D	a) Deletion in CWIP during the period	0.00
	b) Amount of capital liabilities in D(a) above	0.00
	c) Amount of IDC in D(a) above	0.00
	d) Amount of FC in D(a) above	0.00
	e) Amount of FERV in D(a) above	0.00
	f) Amount of Hedging Cost in D(a) above	0.00
	g) Amount of IEDC in D(a) above	0.00
E	a) Closing CWIP as per books	11668.18
	b) Amount of capital liabilities in E(a) above	5409.81
	c) Amount of IDC in E(a) above	270.12
	d) Amount of FC in E(a) above	0.00
	e) Amount of FERV in E(a) above	0.00
	f) Amount of Hedging Cost in E(a) above	0.00
	g) Amount of IEDC in E(a) above	797.69

[Signature]
(PETITIONER)

[Signature]

PART-I		
		FORM- 12
Statement of Depreciation		
Name of the Petitioner		NTPC LTD
Name of the Generating Station		BTPS Stage-I
` Lakhs		
Sl. No.	Particulars	2018-19
1	2	4
1	Opening Capital Cost (on cash basis)	3249.16
2	Net Addition during the year / period (on cash basis)	0.00
3	Closing Capital Cost (on cash basis)	3249.16
4	Average Capital Cost	3249.16
9	Freehold land	0.00
	Effective capital cost	3249.16
10	Depreciable value @ 90% = (4-8-9)*90%	2924.24
14	Cum. Depreciation recovered upto previous year	0.00
15	Balance Depreciable Value (13-14)	2924.24
16	Balance useful life at the beginning of the period	Refer para 16 of petition
17	Depreciation for the period	
18	Depreciation (annualised)	
19	Cumulative depreciation at the end of the period	0.00
20	Less: Cumulative depreciation adjustment on account of de-capitalisation	0.00
21	Net Cumulative depreciation at the end of the period	0.00
<p>The balance useful life of units have been considered 5 years from the date of Re-commissioning of units. Both units were under shutdown during the period 15.12.2018 to 31.03.2019. therefore the depreciation recovered during the period is Nil.</p>		
 (PETITIONER)		

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Calculation of Interest on
Actual Loans

Name of the Company
Name of the Power Station

NTPC Limited
BARAUNI-I

Sl. no.	Particulars	(Amount in lacs)	
			15-12-2018 to 31.03.2019
1	SBI-XI		
	Gross loan - Opening		15,000
	Cumulative repayments of Loans upto previous year		
	Net loan - Opening		15,000
	Addition		
	Repayments of Loans during the year		
	Net loan - Closing		15,000
	Average Net Loan		15,000
	Rate of Interest on Loan		8.3396%
	Interest on loan		1,251
	Total Loan		
	Gross loan - Opening		15,000
	Cumulative repayments of Loans upto previous year		
	Net loan - Opening		15,000
	Addition		
	Repayments of Loans during the year		
	Net loan - Closing		15,000
	Average Net Loan		15,000
	Rate of Interest on Loan		8.3396%
	Interest on loan		1251

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Name of the Company NTPC LTD

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Name of the Power Station BARAUNI I

Name of the Bank	Drawl Amount	Drawl Date	Interest Details	
			w.e.f.	ROI
State Bank of India-XI	1,500,000,000	21-Dec-18	21.12.2018	8.30%
			11.01.2019	8.35%
	1,500,000,000			

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Form 14

(Amt in ₹)

Name of the Company	NTPC Ltd			
Name of the Power Station	BARAUNI-I	92	90	
Name of the Bank	Description	Q3 2018-19	Q4 2018-19	Total 2018-19
				-
State Bank of India-IX	Drawl Amount	1,500,000,000		1,500,000,000
	Interest Debit	3,752,055	30,863,014	34,615,068
	Interest Credit			-
	Adj. Amount			-
	Net Charges			-
	Financial charges			-
TOTAL	Drawl Amount	1,500,000,000	-	1,500,000,000
	Interest Debit	3,752,055	30,863,014	34,615,068
	Interest Credit	-	-	-
	Adj. Amount	-	-	-
	Net Charges	3,752,055	30,863,014	34,615,068
	Financial charges	-	-	-

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PART-I

FORM- 13A

Calculation of Interest on Normative Loan

Name of the Petitioner

Name of the Generating Station

Sl. No.	Particulars	Rs Lakhs
		2018-19
1	2	5
1	Opening Capital Cost (on cash basis)	3249.16
2	Net Addition during the year / period (on cash basis)	0.00
3	Closing Capital Cost (on cash basis)	3249.16
4	Average Capital Cost	3249.16
9	Gross Normative loan – Opening (1-5)*70%	2274.41
10	Cumulative Repayment of loan upto previous year	0.00
11	Net Normative loan – Opening (9-10)	2274.41
12	Add: Increase due to addition during the year / period (2-6)*70%	0.00
13	Repayment of Loan during the year*	0.00
14	Less: Repayment adjustment on account of de-capitalization	0.00
15	Net Repayment during year	0.00
16	Net Normative loan – Closing (11+12-15)	2274.41
17	Average Normative loan	2274.41
18	Weighted average rate of interest	8.3396
19	Interest on Loan (annualised)	189.68

* Both units were under shutdown during the period 15.12.2018 to 31.03.2019. The repayment during the period is Nil as there is no depreciation recovered during the period.



(PETITIONER)



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Calculation of Interest on Working Capital

Name of the Company		NTPC Limited	
Name of the Power Station		BTPS Stage-I (2x110 MW)	
Sl.	Particulars	Month/ %/ day	2018-19 Lakhs
1	2	3	4
1A	Cost of Coal/Lignite for Stock ¹	30.00	Both Units were under shutdown.
1B	Cost of Coal/Lignite for Generation ¹	30.00	
2	Cost of Main Secondary Fuel Oil ¹	2.00	
3	Fuel Cost ²	-	
4	Liquid Fuel Stock ²	-	
5	O & M expenses	1.00	
6	Maintenance Spares	20%	
7	Receivables	2.00	
8	Total Working Capital		
9	Rate of Interest	%	
10	Interest on Working Capital (annualised)		
Note:			

1. For Coal based/Lignite based generating stations


(PETITIONER)



GOVERNMENT OF BIHAR
ENERGY DEPARTMENTNOTIFICATION

No. 05

Dated 27/05/2018

THE BIHAR POWER GENERATION UNDERTAKINGS TRANSFER SCHEME, 2018

In exercise of powers conferred under Sections 131, 134 and other applicable provisions of the Electricity Act, 2003, the Government of Bihar hereby makes the following Scheme for the purpose of transfer and vesting of properties, interests, rights, specified assets, specified liabilities and specified personnel concerning (a) Barauni Thermal Power Station (BTPS) Stage-I and Stage-II situated at Begusarai, Bihar; (b) BSPGCL's equity contribution in Nabinagar Power Generating Company Private Limited (NPGCL) and (c) BSPGCL's equity contribution in Kanti Bijli Utpadan Nigam Limited (KUBNL), from BSPGCL to NTPC Limited.

The State Government hereby appoints (to be notified later) as the date of coming into force of 'The Bihar Power Generation Undertakings Transfer Scheme 2018' ("Transfer Scheme"), and as the Date of Transfer of above mentioned specified properties, interests, rights, assets, liabilities and personnel, from BSPGCL to NTPC Limited, a public Company limited by shares having registration no. CIN L40101DL1975GOI007966 dt. 07.11.1975.

WHEREAS in terms of the Memorandum of Understanding (MoU) dated 15.05.2018 executed by and amongst the Government of Bihar (hereinafter referred to as "GoB"), Bihar State Power Holding Company Ltd (hereinafter referred to as "BSPHCL"), Bihar State Power Generation Company Ltd (hereinafter referred to as "BSPGCL", Bihar State Power Transmission Company Ltd (hereinafter referred to as "BSPTCL"), North Bihar Power Distribution Company Ltd (hereinafter referred to as "NBPDC"), South Bihar Power Distribution Company Ltd (hereinafter referred to as "SBPDCL") and NTPC

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Limited (hereinafter referred to as "NTPC"), hereinafter be collectively referred to as the "Parties" and individually be referred to as the 'Party'. GoB, BSPHCL, BSPGCL, BSPTCL, NBPDC, and SBPDCL (hereinafter be collectively referred to as the "Parties of Bihar Govt."), have agreed to transfer and vest properties, interests, rights, specified assets, specified liabilities and specified personnel concerning (a) Barauni Thermal Power Station (BTPS) Stage-I and Stage-II situated at Begusarai, Bihar; (b) BSPGCL's equity contribution in Nabinagar Power Generating Company Private Limited (NPGCL) and (c) BSPGCL's equity contribution in Kanti Bijli Utpadan Nigam Limited (KUBNL), from BSPGCL to NTPC Limited.

AND WHEREAS in pursuance of the said understanding reached, the Parties have agreed and / or are taking the following steps:

- I. NTPC would take over the assets of Barauni Thermal Power Station (BTPS), as mentioned below:
 - a. Stage - I: NTPC shall takeover Stage-I (Unit# 6 and 7 - 2 X 110 MW) of BTPS on as-is where-is basis. Further, as the R&M of Stage-I is being carried out through grant from Central/State Government, the unutilized grant (by Niti Aayog and other sources, if any) will be transferred to NTPC to complete the balance R&M works; alternatively the payment will be released by BSPGCL. NTPC may further retain an additional amount for adjusting any contingency payment for utilizing towards completion of activities for Stage-I (details given in Point D, Part-II Schedule A). ;
 - b. Stage - II: NTPC shall takeover Stage-II (Unit# 8 and 9 - 2 X 250 MW) of BTPS. Balance Works shall be completed by NTPC, within 18 months on a best efforts basis. The cost to complete and Interest During Construction, precommissioning, overheads, financing charges etc. for Stage-II of BTPS and other liabilities shall be adjusted against total the transfer consideration of BTPS Assets.;
 - c. Any balance amount available with NTPC, as per the actual

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expenditure incurred, from the consideration amount retained with NTPC, post completion of activities and settlement of vendor payments, would be adjusted against the power purchase dues of the Bihar Discoms.;

- d. Any additional expenditure required for completion of facility or compliance to environmental norms/regulatory/statutory order, subject to the approval of CERC, shall form part of capital cost for determination of Tariff as per Article IX b.
- II. NTPC would buy-out the equity of BSPGCL in KBUNL;
 - III. NTPC would buy-out the equity of BSPGCL in NPGCL;
 - IV. Consideration to be paid by NTPC to BSPGCL for transfer of assets and equity buy-out would be as follows:
 - a. The Consideration of the BTPS Assets shall be as agreed between the Parties, subject to acceptance by CERC and will form the basis for determination of fixed charge of the tariff payable by the Bihar Discoms. NTPC, subject to adjustments if any, shall pay this value to BSPGCL as Transfer Consideration of BTPS Assets.
 - i. The consideration towards BTPS Assets, as agreed, shall also include the estimated cost to be incurred by NTPC towards completion of the Stage-II units to render them capable for sustained Commercial Operation which will include direct capital expenditure, Interest During Construction, precommissioning, overheads, financing charges etc.
 - ii. Parties agree that the decommissioned units of BTPS Stage-I (Unit # 1-5) along with associated scrap / inventory shall not form part of the consideration. These units shall be dismantled and disposed off (along with associated scrap/inventory in store) by NTPC at risk and cost of BSPGCL. NTPC is to ensure that these units are disposed off in the most efficient and effective manner with due care to realise their revenue

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potential appropriately. Proceeds realized from such disposal less administrative and incidental expenses towards this sale shall be to the account of GoB/BSPGCL, which upon realization can be adjusted against the receivables of NTPC from NBPDC and SBPDCL.

- b. The equity shares of BSPGCL in KBUNL and NPGCL, shall be acquired by NTPC at face value.
 - c. The net consideration for BTPS assets and equity buyout of KBUNL and NPGCL, shall be worked out after first adjusting the outstanding debt liabilities and dues of Bihar Discoms towards sale of Power by KBUNL to Bihar Discoms in the transfer consideration.
 - d. The total consideration for BTPS (including the cost to completion) would be considered for adjustment in the books of accounts of BSPGCL.
- V. **Utilisation of funds:** The consideration received for BTPS and equity shares in KBUNL and NPGCL, would be utilised by BSPGCL for settling its outstanding debt including pre-payment charges, towards Fls / Banks first. Any balance consideration post settlement of debt obligations, would be utilised for adjustment of outstanding power purchase dues of the Bihar Discoms. The same has been detailed in Schedule A (Part-V).
- VI. **Treatment of Power Purchase Agreements (PPAs):**
- a. The existing power purchase arrangements would continue to be in force;
 - b. The PPA signed by BSPGCL with the Bihar Discoms for the BTPS shall be assigned to NTPC along with transfer of BTPS Assets through an Amended and Restated / Supplementary Power Purchase Agreement incorporating any other changes as required which shall include payment security mechanism provided by the Bihar Discoms to NTPC as per other PPAs of NTPC with Bihar Discoms.

- VII. **Water for BTPS:** GoB and BSPGCL shall ensure that the ongoing contingency scheme shall be suitably augmented to meet the requirement of BTPS Assets.
- VIII. **Coal for BTPS:** BSPGCL shall apply to Ministry of Power, Gol (MOP) / Ministry of Coal, Gol (MOC) to facilitate transfer of following Coal linkages allocated to BTPS:
- a. Existing Fuel Supply Agreement (FSA) with ECL for providing Annual Contracted Quantity of 1.1 MTPA coal for BTPS Stage- I including necessary permissions from the Standing Linkage Committee (Long Term), MoP/MoC on takeover of BTPS Stage- I by NTPC.
 - b. Assignment of existing Bridge Linkage of 1.07 MTPA for BTPS Stage- II from CCL mines.
 - c. Apply to MoP/MoC for allocation of coal for BTPS Stage-II under the SHAKTI scheme, 2017 of Gol.
 - d. Further on the matter of Badam coal block, which has been allotted to BSPGCL, it has been agreed between NTPC and BSPGCL that in view of the difficulties being faced by BSPGCL in development of the coal block, BSPGCL would surrender the coal block to the Ministry of Coal (MoC), Govt. of India. Consequent penalties, levies or surrender costs (if any), would be added to the BTPS consideration payable by NTPC and such costs may be included for determination of tariff, subject to the approval by the CERC. In the case of disallowance of these costs by CERC, NTPC may recover these costs subsequently post takeover from the Discoms, on mutually agreed terms in the ratio of PPA.
- IX. **Tariff determination:**
- a. Upon the transfer and vesting of BTPS Assets in NTPC on the Asset Transfer Date, BTPS will be under the regulatory jurisdiction of the Central Electricity Regulatory Commission

(CERC) for determination of tariff as per Section 79(1)(a) of the Electricity Act, 2003.

- b. For Badam coal block, post the surrender by BSPGCL, consequent penalties, levies or surrender costs (if any), would be added to the BTPS consideration payable by NTPC and such costs may be included for determination of tariff, subject to the approval by the CERC. In the case of disallowance of these costs by CERC, NTPC may recover these costs subsequently post takeover from the Discoms, on mutually agreed terms in the ratio of PPA.
- c. Any additional expenditure required for completion of facility or compliance to environmental norms/regulatory/statutory order, subject to the approval of CERC, shall form part of capital cost for determination of Tariff.
- d. NTPC would exercise prudence check over the expenditure on BTPS units so as to keep the fixed charges of BTPS units within 10% of the estimated first year fixed charges in normal conditions, except legal, statutory & force majeure conditions. NTPC will have to obtain prior approval from Govt. of Bihar against the project cost leading to increase in fixed charges beyond 10%.

1. Short Title, Extent and Commencement :-

- 1.1 This Scheme may be called "The Bihar Power Generation Undertakings Transfer Scheme, 2018".
- 1.2 The Scheme shall extend to the whole of the State of Bihar and shall include specified properties, interests, rights, assets of specified undertakings, wherever situated.
- 1.3 The Scheme shall be deemed to have come into force from the date of its publication in the official gazette.

2. Definitions - In the Scheme, unless the context otherwise requires :-

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- (a) "Act" means the Electricity Act, 2003 (36 of 2003) and any subsequent amendments thereto;
- (b) "Amended and Restated PPA" means the Power Purchase Agreement to be entered into between NTPC and the Bihar Discoms in pursuance of the transfer and vesting of generating undertakings and interest therein to NTPC Limited in terms of this Scheme.
- (c) "Assets" means all assets & properties including power systems, plant, machinery, appurtenant land, building, offices, stores, furniture, fixtures, vehicles, residential quarters and guest houses and amenities and installations pertaining and attached thereto and other movable and immovable assets, tangible and intangible assets, benefits, licenses, consents, authorities, registration, patents, trademarks and powers of every kind, nature and description whatsoever, privileges, liberties, easements, advantages, benefits and approvals, contracts, deeds, schemes, bonds, agreements, arrangements and other instruments and interest of whatever nature and wherever situated and including the contingent assets, which may arise in regard to dealings before the effective date of transfer in respect of and limited to the specified Undertakings as specified in this Scheme;
- (d) "Bihar DISCOMS" means the North Bihar Power Distribution Company Limited (NBPDC) and the South Bihar Power Distribution Company Limited (SBPDCL), the two State Distribution Licensees in the State of Bihar;
- (e) 'BSPGCL' means Bihar State Power Generation Company Limited;
- (f) 'BTPS' means Barauni Thermal Power Station situated at Begusarai, Bihar.
- (g) "Effective Date of Transfer" means the respective dates from which the transfer of each part of the Specified Undertakings or assets or interest are transferred to the Transferee by an order passed by the State Government for the said purpose;
- (h) "KBUNL" means Kanti Bijlee Utpadan Nigam Limited, a Joint

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Venture Company of NTPC and BSPGCL;

- (i) "Liabilities" means all liabilities, debts, duties, obligations and other out-standings including statutory liabilities and Government levies of whatever nature and contingent liabilities which may arise in regard to the dealings before the Effective Date of Transfer in respect of the Specified Undertakings, as specified in this Scheme finally transferred to the Transferee under this scheme;
- (j) "MOU" means Memorandum of Understanding signed on 15.05.2018 amongst the Govt of Bihar, Bihar State Power Holding Company Ltd, Bihar State Power Generation Company Ltd, Bihar State Power Transmission Company Ltd, North Bihar Power distribution Company Limited, South Bihar Power Distribution Company Limited and NTPC Limited;
- (k) "NPGCL" means the Nabinagar Power Generating Company Private Limited, a Joint Venture Company of NTPC and BSPGCL;
- (l) "NTPC" means the NTPC Limited, a Government of India Undertaking;
- (m) "PPA" means the Power Purchase Agreement signed or Power procurement arrangement existing between BSPGCL and the Bihar Discoms for BTPS Stage-I and Stage-II and to the extent relevant, the Power Purchase Agreement signed between Bihar DISCOMS and KBUNL, the Power Purchase Agreement signed between Bihar DISCOMS, and NPGCL;
- (n) "Proceedings" means the proceedings of whatever nature including suits, appeals, complaints, petitions, applications, conciliation, arbitration whether civil or criminal or otherwise, in which the Transferor is one of the parties;
- (o) "Schedules" means the Schedules appended to this Scheme;
- (p) "Specified Liabilities" means only those liabilities given in Schedule B and shall not include any other liability by whatever name called and shall not extend to any contingent liabilities pertaining to the period prior to the Effective Date of Transfer;

- (q) "Specified Personnel" means workmen, employees, staff and officers of the Transferor by whatever name called on the regular rolls of BTPS Stage-I and Stage-II as on the date of notification of this Scheme.
- (r) "Specified Undertaking" means the following:
BTPS Stage-I and Stage-II situated at Begusarai, Bihar; (b) BSPGCL's equity shares in NPGCL and (c) equity shares held in KBUNL as set out in Schedule A to the Scheme;
- (s) "State" means the State of Bihar;
- (t) "State Government" means the Government of Bihar;
- (u) "Transferor" in regard to BTPS Stage-I and Stage-II situated at Begusaria, Bihar and equity interest held in KBUNL and NPGCL;
- (v) "Transferee" means NTPC;
- (w) "Undertaking(s)" mean the functions, business and a block or blocks of properties, equity shares in generating company interest, rights, assets, obligations, proceedings to the extent and in the manner specified as a part of the undertakings of the Transferor and such other properties, interests, rights, assets, specified liabilities, specified Personnel as specified in this Scheme.
- (x) Words and expressions which are used in the Scheme and also defined in the Act but not specifically defined in this Scheme shall have the same meaning as assigned to them in the Act.

3. *Transfer of Specified Undertaking:-*

- 3.1 On and from the Effective Date of Transfer, as notified by the State Government, the relevant Specified Undertaking, namely those listed in Schedule A alongwith Specified Liabilities as listed in Schedule B shall stand transferred from the relevant Transferor and vested in the Transferee without any further act or thing to be done by the State Government or the Transferor or the Transferee or any other person, subject however, to the terms and conditions specified in the Act and this Scheme. For the

associated land of BTPS, it is to be specifically noted that the appurtenant land would be given on a nominal lease for a period of 33 years from the effective transfer date to NTPC, and the ownership would continue to remain with BSPGCL / Government of Bihar.

It is also clarified that if in future NTPC undergoes any disinvestment and/or privatisation for any reason whatsoever, the lease of land in question will get transferred from one party to another and the ownership of land will remain with the BSPGCL/GoB.

- 3.2 On such transfer and vesting of the Specified Undertaking in terms of sub-clauses 3.1, the Transferee shall have the rights in the Specified Undertakings and undertake the functions and rights hitherto performed by the relevant Transferor including in regard to be responsible for all functions, contracts, rights, deeds, schemes, agreements, proceedings and other instruments of whatever nature relating to the Specified Undertakings transferred to the Transferee, to which the relevant Transferor is a party, subsisting or having effect on the date of the transfer, and the same shall remain in force and effect against or in favor of the Transferee and may be enforced effectively as if the Transferee had been a party thereto instead of the relevant Transferor.
- 3.3 The Liabilities of the Specified Undertakings including in relation to the project initiated or pertaining to the period prior to the Effective Date of Transfer, excluding the Specified Liabilities, shall be to the account of the relevant Transferor and the Transferee shall not be in any way be made liable or responsible. In terms of the above, all awards, decrees or orders of any court, tribunal or other authority in relation to the Specified Undertakings in respect of any matter, claim or dispute which arose after the Effective Date of Transfer shall be to the account

of the Transferee. The Transferee shall be liable to pay or meet only liabilities that are related to the Specified Undertakings for the period after the Effective Date of Transfer including suits, Proceedings and the Transferee shall not be liable or responsible for any liability or matter which relates to the period prior to the Effective Date of Transfer but becomes known after the Effective Date of Transfer.

3.4 As consideration for the transfer and vesting of the Specified Undertakings as specified in this Scheme, Transferee shall pay to the Transferor, an Asset Transfer Value as provided in Schedule A.

3.5 The relevant Transferor shall duly discharge all the outstanding debts on the Assets, properties, interest and lien, secured or unsecured, contingent or otherwise existing, as on the Effective Date of Transfer excluding however the Specified Liabilities and ensure the Assets, properties, interest etc, being transferred and vested in the Transferee are free of all encumbrances, lien or charges of any nature whatsoever. The relevant Transferor shall arrange to furnish to the Transferee the necessary approval and No Objection Certificate from the lenders and others having any lien over the Assets, properties and interest free from any such charge encumbrance or lien.

3.6 The entire available capacity, subject to the approval of the Central Government, from BTPS shall be generated and supplied by NTPC to the Bihar Discom, in line with the Amended & Restated / supplementary PPA to be signed, as per the Tariff terms and conditions determined by the Central Electricity Regulatory Commission and the terms and conditions of the Amended and Restated Power Purchase Agreement to be entered into between NTPC and the Bihar Discoms, in line with other standard PPAs signed between NTPC and the Bihar Discoms.

4. *Transfer of Personnel.-*

- 4.1 No Specified Personnel shall be transferred to NTPC. NTPC shall assess and decide about keeping certain identified personnel of BSPGCL on deputation basis for initial stabilization period, for a maximum period of 90 days from the Asset Transfer Date, with the understanding that manpower on the rolls of BTPS shall be repatriated back as per the repatriation plan decided by NTPC and GoB / BSPGCL.

All employees related liability for the services already rendered by the Specified Personnel engaged in Barauni Thermal Power Station, shall lie with BSPGCL and no part of any such liabilities shall be borne by NTPC.

5. *Rights and obligations of third parties restricted:-*

Upon the transfer being effected in accordance with the provisions of the Act and this Scheme subject to the limitation on the liability of the Transferee provided in this Scheme or in any Supplemental Agreements that may be entered into between the Transferor and the Transferee, the rights and obligations of all persons to the extent of the transfers effected by this Scheme shall be restricted to the Transferee and such person shall not claim any right or interest against the transferor.

6. The State Government shall notify the Effective Date of Transfer for the Specified Undertaking and Specified Personnel after the completion of the following:

- a. Grant of approval by the Bihar Electricity Regulatory Commission under Rule 8 of the Electricity Rules, 2005 to the Bihar DISCOMS for the Power Purchase arrangement at the Tariff terms and conditions to be determined by the Central Electricity Regulatory Commission in regard to BTPS;
- b. Execution of the Amended and Restated PPA in regard to Power purchase by Bihar Discoms from Barauni Thermal Power Station;

- c. Permission/Approval/No objection from the lenders and others for transfer of the assets and interest in the Specified Undertaking free of encumbrances.
- d. Allocation of 100% power from BTPS to State of Bihar by Ministry of Power, Government of India.
- e. Assignment of following Coal linkages allocated to BTPS by Ministry of Coal, Government of India:
- i) Existing Fuel Supply Agreement (FSA) with ECL for providing Annual Contracted Quantity of 1.1 MTPA coal for BTPS Stage- I including necessary permissions from the Standing Linkage Committee (Long Term), MoP/MoC on takeover of BTPS Stage- I by NTPC.
 - ii) Assignment of existing Bridge Linkage of 1.07 MTPA for BTPS Stage- II from CCL mines.
- f. Application by BSPGCL to MoP/MoC for allocation of coal for BTPS Stage-II under the SHAKTI scheme, 2017 of Gol.
- g. Amendment of Memorandum of Agreement signed between NTPC Ltd. and BSPGCL and Article of Association, as may be required, to enable the transfer of shares to NTPC and exit of BSPGCL from KBUNL.
- h. Amendment of Joint Venture Agreement between NTPC Ltd. and BSPGCL and Article of Association, as may be required, to enable transfer of shares to NTPC and exit of BSPGCL from NPGCL.
7. The State Government through BSPGCL undertakes to provide land of approximately 300 acres for ash dyke, requisite land for railway siding, ash water pipeline corridor and requisite Right of Way (RoW) / Right of Use (RoU) for make up water line, as required for completion of BTPS Stage-II, within 3 months on a best effort basis from the Effective Date of Transfer.
8. **Transfer by operation of law :-** The transfers under this Scheme shall operate and be effective pursuant to action of the State Government by publishing this Scheme and Orders issued in terms of this Scheme and without any further act, deed or thing to be done by the State

Government, Transferor or the Transferee or any other person, subject to the terms and conditions of this Scheme.

9. **Power to remove difficulties :-**

a) The State Government may, by order published in the *Official Gazette*, and with the consent of the Transferee, amend this Scheme and make such provisions, not inconsistent with the provisions of the Act, as may appear to be necessary for removing the difficulties arising in implementing the transfers under this Scheme.

b) If any doubt, dispute, difference or issue shall arise in regard to the transfers under these rules, subject to the provisions of the Act, the decision of the State Government thereon, shall be final and binding on all parties.

c) The State Government may, by order published in the official Gazette, make such provisions, not inconsistent with the provisions of the Act, as may appear to be necessary for removing the difficulties arising in implementing the transfers under these rules.

10. **Exemption of Duty :-**

All charges, duties, levies, taxes, stamp/registration fee etc. contingent to be levied by the Government of Bihar upon transfer of Specified Undertakings to NTPC, stand waived.

By order of the Governor of Bihar

Sd/-

(Pratyaya Amrit)
Principal Secretary.

Memo No-५०/BSPGCL-01/2018

/Patna, Dated-

Copy with CD forwarded to the Dy. Secretary, Press (e-gazette Cell), Finance Department, Bihar, Patna to publish in forthcoming extraordinary issue of the Bihar Gazette.

2. He is requested to make available 100 copies of the published gazette to Energy Department, Govt.of Bihar.

Sd/-

Principal Secretary



Copy to: Principal Secretary to Hon'ble Chief Minister, CM Secretariat, Patna/
Principal Private Secretary to Chief Secretary/ Private Secretary to Hon'ble Energy
Minister/ Secretary, Ministry of Power, Govt. of India, New Delhi/ Chairman, Bihar
Electricity Regulatory Commission, Patna/ Principal Secretary, Finance Deptt., Bihar,
Patna/ Principal Secretary, Revenue and Land Reforms Deptt., Bihar, Patna/ Secretary,
Planning and Development Deptt., Bihar, Patna/ All Govt. Deptt./ Head of all Deptt./
Chairman-cum-Managing Director, NTPC, SCOPE Complex, Lodhi Road, New
Delhi/Regional Executive Director, East-I, NTPC, Loknayak Jaiprakash Bhawan, Patna/
Accounts Section, Energy Deptt., Patna/ Budget Section, Energy Deptt., Patna/ Joint
Secretary, Energy Deptt., Bihar, Patna/ Chairman-cum-Managing Director, Bihar State
Power (H) Company Ltd, Patna/ Managing Director, Bihar State Power Generation
Company Ltd, Patna/ Managing Director, South Bihar Power Distribution Company Ltd,
Patna/ Managing Director, North Bihar Power Distribution Company Ltd, Patna/
Managing Director, Bihar State Power Transmission Company Ltd, Patna/ Managing
Director, Bihar State Hydroelectric Power Corporation Ltd/ Director, BREDA, Sone
Bhawan, Patna/ District Magistrate-Cum-Collector, Begusarai/Muzaffarpur/Aurangabad/
IT Manager, Energy Deptt., Patna for information and necessary action.


Principal Secretary

SCHEDULE 'A'

CONSIDERATION PAYABLE FOR TRANSFER OF SPECIFIED UNDERTAKING AND METHOD AND MANNER OF PAYMENT ADJUSTMENTS

Part-I: BTPS SPECIFIED UNDERTAKINGS

1. The Specified Assets are transferred to NTPC as per the consideration given in 'Schedule A Part-II', including inter-alia the assets stated in this schedule enumerated below.
2. Specified assets include all assets, including allocation of water (for Stage-I and Stage-II) from reservoir, rights, powers, authorities, consents, permits and privileges and all specified properties both movable and immovable, including buildings, offices, stores, machinery and equipment, instruments, office furniture, stationery, office equipment and installations pertaining thereto and other rights and interests in or arising out of such specified properties and aforesaid specified assets as were existing immediately before the Effective Date of Transfer in the ownership, possession and control of BSPGCL, whether within the Project area or outside and all records, drawings, registers and other documents as available of whatever nature relating thereto, including but not limited to the feasibility report, drawings, manuals etc.
3. Provision of Land:
 - a. The Government of Bihar and BSPGCL would hand over physical possession of the Land, free and clear of all Encumbrances to NTPC.
 - b. The land is to be provided by the BSPGCL to NTPC, at a lease rent of Rs 1/- for a period of 33 years from Asset Transfer Date.
 - c. The details of land undertakings available for BTPS is as follows:

i.	Area for Stage-I plant	:	168.91 Acres
ii.	Area for Stage-II plant	:	254.00 Acres
iii.	Area for existing Ash Dyke	:	56.00 Acres

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- iv. Area for new Ash Dyke : 293.75 Acres
- v. Area for plant township : 139.18 Acres
- vi. Total BTPS land area : 911.84 Acres

4. Assignment of following Coal linkages allocated to BTPS by Ministry of Coal, Government of India, to NTPC:
- a. Fuel Supply Agreement (FSA) with ECL for providing Annual Contracted Quantity of 1.1 MTPA coal for BTPS Stage-I including necessary permissions from the Standing Linkage Committee (Long Term), MoP/MoC on takeover of BTPS Stage- I by NTPC.
 - b. Existing Bridge Linkage of 1.07 MTPA for BTPS Stage-II from CCL mines.
5. For supply of water, there is an existing infrastructure for supplying of underground water for the operations of Stage-I. There is also a contingent arrangement for supply of water for operations of Stage-II. These would be transferred to NTPC.
6. All rights, allocations, Approvals including, concurrence of the CEA, coal linkage approvals/sanctions etc. obtained and/or committed for the BTPS, the Land, supply of water, environment and forest etc, as available to BSPGCL or the Government of Bihar are transferred and handed over by BSPGCL or the Government of Bihar to NTPC as of the Effective Transfer Date. BSPGCL or the Government of Bihar, without any liability on and to NTPC, shall duly notified the Authorities in respect of such transfer of Approvals, as required. NTPC shall assist BSPGCL by providing timely information/documents in order to enable such transfers by BSPGCL.
7. All data, records and documents related to the Project, as available with BSPGCL or the Government of Bihar is transferred by BSPGCL or the Government of Bihar to NTPC.

8. All municipal taxes, duties, cess, levies chargeable on the assets and properties of the BTPS up to the Effective Transfer Date shall be borne by Government of Bihar.
9. BSPGCL or the Government of Bihar, shall extend all possible help for the smooth operation of the Project, including during R&M of Stage-I and for completion of Stage-II, without any hindrance.

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Part-II: TRANSFER CONSIDERATION FOR BTPS UNDERTAKINGS

Assets (both movable and immovable) of BTPS Stage-I and Stage- II alongwith associated land, infrastructure, approval, agreements, concessions and consents (hereinafter both Stage-I and Stage-II of BTPS referred to as "BTPS Assets"), free from all encumbrances and charges.

A.	Total Consideration for BTPS Stage-I & II as mutually agreed	Rs 3441.6 Cr
B.	Balance cost to completion to be incurred by NTPC for Stage-II *	Rs 1,023.00 Cr
C.	Additional expenditure on account of IDC for 13 months (i.e. upto June'19)	Rs 185.00 Crs
D.	Contingency amount to be retained by NTPC for completion of Stage-I (any balance remaining with NTPC post completion would be adjusted with outstanding Bihar Discom dues)	Rs 20 Crs
E.	Net consideration to be paid by NTPC for BTPS Stage-I & II	Rs 2,213.60 Cr
I	Apportionment of consideration for BTPS Stage-I (2x110 MW)	Rs 150 Cr
II	Apportionment of consideration for BTPS Stage-II (2x250 MW)	Rs 3,291.6 Cr
III	Total consideration for BTPS	Rs 3,441.6 Cr

Subject to the above, the consideration shall be paid by NTPC in the following manner:

- (i) An amount of Rs 22,13,60,00,000/- will be paid by NTPC to Bihar State Power Generation Company Limited within 7 days of Effective Date of Transfer.

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(ii) The consideration shall be payable by NTPC to Bihar State Power Generation Company Limited subject to adjustment as under (details for which are as provided in Schedule B):

(a) Discharge of Specified Liabilities.

(b) Estimated Expenditures to be incurred/accrued towards completion of balance work of the Stage-II units to render the Stage-II units capable of sustained Commercial Operation.

For the avoidance of doubt the cost to be incurred/ accrued by NTPC for achieving Commercial Operations of Stage-II shall include, but not limited to, direct capital expenditure, Interest During Construction, Incidental expenditure during construction, precommissioning expenses and financing costs etc.

Any additional expenditure, beyond the estimates, required for completion of facility or compliance to environmental norms/regulatory/statutory order, subject to the approval of CERC, shall form part of capital cost for determination of Tariff.

** NTPC would adjust for any additional expenditure incurred by BSPGCL during the period from 31st May 2018 and the actual Asset Transfer Date, based on actual expenditure. (This amount would be adjusted from Rs.1,023 crores). The net consideration to be paid to BSPGCL would accordingly be revised upwards.*

***In case of any further escalation in the cost, the same would be passed on as per sub-clause (b) above.*

Part-III: TRANSFER CONSIDERATION FOR BSPGCL'S EQUITY IN KBUNL

Bihar State Power Generation Company Limited's equity of Rs 392,78,48,300/- , corresponding to 39,27,84,830 number of shares in KBUNL, shall be transferred and vested in NTPC at face value. The consideration shall be paid by NTPC within 7 days from Effective Date of Transfer, subject to adjustment,

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if any, of the total the receivables of NTPC towards sale of power to Bihar Discoms.

Number of Shares held by BSPGCL in KBUNL	39,27,84,830
Face Value of Each shares held by BSPGCL in KBUNL	Rs. 10/-
Total Consideration	Rs. 392,78,48,300/-

Part-IV: TRANSFER CONSIDERATION FOR BSPGCL'S EQUITY IN NPGCL

Bihar State Power Generation Company Limited's equity of Rs 17,37,19,00,000/-, corresponding to 1,73,71,90,000 number of shares in NPGCL, shall be transferred and vested in NTPC at face value.. The consideration shall be paid by NTPC within 7 days from Effective Date of Transfer, subject to adjustment, if any, of the total the receivables of NTPC towards sale of power to Bihar Discoms.

Number of Shares held by BSPGCL in NPGCL	173,71,90,000
Face Value of Each shares held by BSPGCL in NPGCL	Rs. 10/-
Total Consideration	Rs. 17,37,19,00,000/-

Part-V: NET CONSIDERATION FROM NTPC TO BSPGCL / GOVERNMENT OF BIHAR

For the avoidance of doubt, the net consideration from NTPC for BTPS, and towards the equity buy-out of BSPGCL shares in KBUNL and NPGCL, would be calculated as the following.

A.	Net consideration for BTPS	Rs 2,213.60 Cr
B.	Consideration for equity buy-out at face value for KBUNL	Rs 392.8 Cr
C.	Consideration for equity buy-out at face value for NPGCL	Rs 1,737.2 Cr
D.	Total consideration from NTPC to BSPGCL /	Rs 4,343.60 Cr

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	Government of Bihar (A+B+C)	
E.	Debt repayment of BSPGCL towards Stage-II to lenders (including pre-payment charges)*	Rs 4,216.75 Cr
E.	Net consideration from NTPC to BSPGCL / Government of Bihar available for adjustment of NTPC receivable from SBPDCL and NBPDC**	Rs 126.85 Cr

* As on 31st May 2018

** The above amount may be adjusted against the receivables of KBUNL and NTPC, if any, towards sale of power to Bihar Discoms.

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SCHEDULE 'B'

SPECIFIED LIABILITIES TO BE TRANSFERRED TO TRANSFEREE

Sl. No.	Activity	Estimated Additional cost (Rs. Cr)	Remarks
1.	Amount payable towards Balance works/milestones as per RCE-III (except Evt. Norm compliance)	1,208 (6653-350-5365*+85+185)	RCE-III of BTPS as prepared by BSPGCL is attached.

* As on 31.05.2018

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REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT

Previously approved Project Cost: Rs. 5308.07 Crs.

Revised Project Cost: Rs. 6653.00 Crs.

(All amount in Rs. Cr.)

Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Name of Contractor	Agency	Physical Work Completed (%)	Cummulative Expenditure as on 30.11.17	Cost of balance work
1	Supply EPC Price excluding Civil (In INR)	1369.85	1619.85	250.00	BHEL	BHEL			
2	Supply EPC Price (30,000,000 US\$) (Foreign Exchange @45.00)	191.83	218.83	27.00		BHEL			
3	Supply EPC Price (28,000,000 Euro) (Foreign Exchange @50.40)	238.72	273.72	35.00		BHEL			
4	Services for Commissioning	250.44	300.44	50.00	BHEL	BHEL			
5	Inland Transportation	44.00	55.00	11.00		BHEL			
6	Taxes & Duties excluding Entry Tax	224.85	246.52	21.67		BHEL			
7	Entry Tax	127.52	200.00	72.48	BHEL	BHEL			
8	Civil Works	994.30	994.30	0.00		BHEL			
9	Spares (a) B.T.G + T.C (b) BoP	95.29	53.00	-42.29	BHEL	BHEL			
10	Additional W. O. No. 1 & 2 dt 29.09.2013 for Switchyard bays, SAC capacity increase, DG Set, Hoist and Facility for full rack FO unloading	43.62	43.62	0.00	BHEL	BHEL			
11	Civil Engineering Charges	15.00	15.00	0.00		BHEL			
A	EPC Price within Plant Boundary	3595.42	4020.28	424.86			87.75%	3527.80	492.48

REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT									
Previously approved Project Cost: Rs. 5308.07 Crs.					Revised Project Cost: Rs. 6653.00 Crs.				
(All amount in Rs. Cr.)									
Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Name of Contractor	Agency	Physical Work Completed (%)	Cummulative Expenditure as on 30.11.17	Cost of balance work
	Proposed Ash dyke								
1	Ash dyke Land Cost	87.00	38.75	-48.25	BSPGCL		100.00%	38.75	0.00
2	R&R Costs	10.00	2.00	-8.00	BSPGCL		50.00%	1.00	1.00
3	Ash dyke construction	175.00	175.00	0.00	BSPGCL		0.00%	0.00	175.00
4	Construction of Security Outpost in Ash Dyke Area	3.00	0.00	-3.00	BSPGCL		50.00%	0.00	0.00
5	Land Cost for Ash Pipe Corridor	1.50	0.00	-1.50	BSPGCL		100.00%	0.00	0.00
6	Contingent arrangement for Ash Disposal System	0.00	2.00	2.00	BSPGCL		100.00%	2.00	0.00
	Plant								0.00
7	Locomotive	10.00	2.00	-8.00	BSPGCL		0.00%	0.00	2.00
8	Bulldozers, cranes and payloaders	12.00	6.00	-6.00	BSPGCL		100.00%	6.00	0.00
9	Protection Bund Land Cost	1.00	1.00	0.00	BSPGCL		0.00%	0.00	1.00
10	Protection Bund Construction	20.00	10.00	-10.00	BSPGCL	WRD (Bihar)	64.60%	6.46	3.54
11	Walkie talkie, mobiles, fire tenders	2.00	2.00	0.00	BSPGCL		0.00%	0.00	10
12	Furniture and interior works in Service Building & Administrative Building								
13	Computers, LAN								
	Railway Infrastrcture								

REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT

Previously approved Project Cost: Rs. 5308.07 Crs.

Revised Project Cost: Rs. 6653.00 Crs.

(All amount in Rs. Cr.)

Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Name of Contractor	Agency	Physical Work Completed (%)	Cummulative Expenditure as on 30.11.17	Cost of balance work
14	Rail infrastructure	104.32	149.79	45.47	BSPGCL	BITES & Railway	85.00%	60.00	89.79
	Colony Renovation for 840 tenants								
15	Construction of Sewerage treatment plant and pumping station including excavation of rain water catchment pond and civil works for pumping	3.50	1.00	-2.50	BSPGCL		0.00%	0.00	1.00
16	Renovation of School Building	1.00	0.00	-1.00	BSPGCL		100.00%	0.00	0.00
17	Renovation of existing quarters/ Construction of new quarters	50.00	20.00	-30.00	BSPGCL		80.00%	16.00	4.00
18	Construction of watch towers	1.00	1.00	0.00	BSPGCL		0.00%	0.00	1.00
19	Renovation of non residential buildings	5.00	0.00	-5.00	BSPGCL		100.00%	0.00	0.00
20	Replacement of drinking water lines, treatment plant and tanks	1.00	1.00	0.00	BSPGCL		0.00%	0.00	1.00
21	Construction of Shopping Complex with shops, banks, post office and other infrastructure, School, Club and other facilities etc.	1.00	1.00	0.00	BSPGCL		0.00%	0.00	1.00
22	Construction of roads-8 km, drains-RCC- 15 km	10.00	0.00	-10.00	BSPGCL		100.00%	0.00	0.00

REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT									
Previously approved Project Cost: Rs. 5308.07 Crs.			Revised Project Cost: Rs. 6653.00 Crs.						
(All amount in Rs. Cr.)									
Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Name of Contractor	Agency	Physical Work Completed (%)	Cummulative Expenditure as on 30.11.17	Cost of balance work
23	Ambient air monitoring stations around plant water quality anylizer etc	1.00	5.00	4.00	BSPGCL		100.00%	5.00	0.00
24	Hospital renovation and construction of casuality ward	1.00	0.00	-1.00	BSPGCL		100.00%	0.00	0.00
25	Construction of Community hall, clubs, swimming pool and equipments	0.50	0.00	-0.50	BSPGCL		100.00%	0.00	0.00
26	Construction of Guest house, field hostels	2.00	0.00	-2.00	BSPGCL		100.00%	0.00	0.00
27	Lighting masts and illumination	2.50	2.50	0.00	BSPGCL		100.00%	2.50	0.00
28	Rewiring of existing quarters	0.00	0.00	0.00	BSPGCL		100.00%	0.00	0.00
29	Rewiring of existing non-residential building including hospital and schools	1.00	0.00	-1.00	BSPGCL		100.00%	0.00	0.00
30	Wiring and lighting and other electrical system of community hall, clubs, swimming pool, guest house, field hostel, canteen, bank, post office, shopping complex, other equipment	0.00	0.00	0.00	BSPGCL		100.00%	0.00	0.00
31	Other unforeseen work	5.00	5.00	0.00	BSPGCL		0.00%	0.00	5.00
	Exisiting Unit Ash Infrastructurre								0.00
32	Approach Road to project site from NH including culvert on IOCL Pipeline	5.00	5.00	0.00	BSPGCL		0.00%	0.00	5.00

REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT

Previously approved Project Cost: Rs. 5308.07 Crs.

Revised Project Cost: Rs. 6653.00 Crs.

(All amount in Rs. Cr.)

Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Name of Contractor	Agency	Physical Work Completed (%)	Cummulative Expenditure as on 30.11.17	Cost of balance work
33	Storm Drainage outside plant/Rain Water Harvesting/Land escaping of green belt area	23.81	23.81	0.00	BSPGCL		0.00%	0.00	23.81
	Water Infrastructure								0.00
34	Water Infrastructure	0.00	0.00	0.00	BSPGCL		0.00%	0.00	0.00
	Electrical Package								0.00
35	Erection of Transmission line (220 kV) after Gantry of Switch yard of 2X250 MW unit to existing 220 kV transmission line (6 bays)	0.00	0.00	0.00	BSPGCL		100.00%	0.00	0.00
36	Erection of interconnection transmission (132 kV) line between existing switch yard of 2X110 MW units and extension project switchyard (2X250 MW units), Rehabilitation of 2 bays of 132 kV old switchyard and shifting of 132 kV transmission line from old Ash Dyke Area	10.00	10.00	0.00	BSPGCL	BSPTCL	50.00%	5.00	5.00
37	Load Flow Study	0.00	0.00	0.00	BSPGCL		0.00%	0.00	0.00
38	Consultancy Charges - EIA, general, PMC, Railway etc	13.00	20.00	7.00	BSPGCL		95.00%	19.00	1.00
B	Enabling Works Total	563.13	483.85	-79.28					

REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT									
Previously approved Project Cost: Rs. 5308.07 Crs.					Revised Project Cost: Rs. 6653.00 Crs.				
(All amount in Rs. Cr.)									
Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Name of Contractor	Agency	Physical Work Completed (%)	Cummulative Expenditure as on 30.11.17	Cost of balance work.
C	IDC (Upto Dec' 2017)	850.00	1475.00	625.00	BSPGCL		100.00%	1475.00	0.00
D	Corporate Social Responsibility	22.00	22.00	0.00	BSPGCL		0.00%	0.00	22.00
E	Pre-commissioning Expenses for trail Run, Commissioning etc (LDO/HFO/Coal/DM Water)	107.52	91.02	-16.50	BSPGCL		77.54%	70.58	20.44
	Operation & maintenance of unit# 8 & 9 for 2 months after COD	0.00	90.63	90.63	BSPGCL		50.00%	45.32	45.32
F	Pre-commissioning Epenses for Establishment (May-13 to Dec-17)	45.00	65.00	20.00	BSPGCL		65.20%	42.38	22.62
G	Security Expenditure for CISF	0.00	35.00	35.00	BSPGCL		100.00%	35.00	0.00
H	Contingency & Administrative Expenses	25.00	20.00	-5.00	BSPGCL		75.00%	15.00	5.00
I	Coal Block Development and its statutory fees etc.	100.00	0.00	-100.00	BSPGCL		0.00%	0.00	0.00
J	FGD (De-Sox), SCR (De-Nox), SPM & other associated equipments, online reporting systems and consultancy services required to meet new environment norms etc.	0.00	350.00	350.00	BSPGCL		0.00%	0.00	350.00
Total		5308.07	6652.78	1344.71				5372.78	1288.00

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REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT

Previously approved Project Cost: Rs. 5308.07 Crs.

Revised Project Cost: Rs. 6653.00 Crs.

(All amount in Rs. Cr.)

Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Name of Contractor	Agency	Physical Work Completed (%)	Cummulative Expenditure as on 30.11.17	Cost of balance work
	Ganga River Water Scheme		85	85	BSPGCL		0.00%	0.00	85.00
	IDC upto June'2019 (for NTPC)								185.00
	Total Cost of Balance Works (Excl FGD)								1208.00

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Signature

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REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT

Previously approved Project Cost: Rs. 5308.07 Crs. Revised Project Cost: Rs. 6653.00 Crs.

		(All amount in Rs. Cr.)			
Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Remarks
1	Supply EPC Price excluding Civil (In INR)	1369.85	1619.85	250.00	
2	Supply EPC Price (30,000,000 US\$) (Foreign Exchange @45.00)	191.83	218.83	27.00	
3	Supply EPC Price (28,000,000 Euro) (Foreign Exchange @50.40)	238.72	273.72	35.00	
4	Services for Commissioning	250.44	300.44	50.00	
5	Inland Transportation	44.00	55.00	11.00	
6	Taxes & Duties excluding Entry Tax	224.85	246.52	21.67	
7	Entry Tax	127.52	200.00	72.48	
8	Civil Works	994.30	994.30	0.00	
9	Spares (a) B.T.G + T.C (b) BoP	95.29	53.00	-42.29	
10	Additional W. O. No. 1 & 2 dt 29.09.2013 for Switchyard bays, SAC capacity increase, DG Set, Hoist and Facility for full rack FO unloading	43.62	43.62	0.00	
11	Civil Engineering Charges	15.00	15.00	0.00	
A	EPC Price within Plant Boundary	3595.42	4020.28	424.86	
	Proposed Ash dyke				
1	Ash dyke Land Cost	87.00	38.75	-48.25	
2	R&R Costs	10.00	2.00	-8.00	
3	Ash dyke construction	175.00	175.00	0.00	
4	Construction of Security Outpost in Ash Dyke Area	3.00	0.00	-3.00	
5	Land Cost for Ash Pipe Corridor	1.50	0.00	-1.50	
6	Contingent arrangement for Ash Disposal System	0.00	2.00	2.00	
	Plant				
7	Locomotive	10.00	2.00	-8.00	
8	Bulldozers, cranes and payloaders	12.00	6.00	-6.00	
9	Protection Bund Land Cost	1.00	1.00	0.00	
10	Protection Bund Construction	20.00	10.00	-10.00	
11	Walkie talkie, mobiles, fire tenders				
12	Furniture and interior works in Service Building & Administrative Building	2.00	2.00	0.00	
13	Computers, LAN				
	Railway Infrastructure				
14	Rail infrastructure	104.32	149.79	45.47	
	Colony Renovation for 840 tenants				
15	Construction of Sewerage treatment plant and pumping station including excavation of rain water catchment pond and civil works for pumping	3.50	1.00	-2.50	

A-land Dyke *Jan 31* *by* *66*


16	Renovation of School Building	1.00	0.00	-1.00
17	Renovation of existing quarters/ Construction of new quarters	50.00	20.00	-30.00
18	Construction of watch towers	1.00	1.00	0.00
19	Renovation of non residential buildings	5.00	0.00	-5.00
20	Replacement of drinking water lines,treatment plant and tanks	1.00	1.00	0.00
21	Construction of Shopping Complex with shops, banks, post office and other infrastructure, School, Club and other facilities etc.	1.00	1.00	0.00
22	Construction of roads-8 km, drains-RCC- 15 km	10.00	0.00	-10.00
23	Ambient air monitoring stations around plant water quality anylizer etc	1.00	5.00	4.00
24	Hospital renovation and construction of casualty ward	1.00	0.00	-1.00
25	Construction of Community hall, clubs, swimming pool and equipments	0.50	0.00	-0.50
26	Construction of Guest house, field hostels	2.00	0.00	-2.00
27	Lighting masts and illumination	2.50	2.50	0.00
28	Rewiring of existing quarters	0.00	0.00	0.00
29	Rewiring of existing non-residential building including hospital and schools	1.00	0.00	-1.00
30	Wiring and lighting and other electrical system of community hall, clubs, swimming pool, guest house, field hostel, canteen, bank, post office, shopping complex, other equipment	0.00	0.00	0.00
31	Other unforeseen work	5.00	5.00	0.00
Exisiting Unit Ash Infrastructurre				
32	Approach Road to project site from NH including culvert on IOCL Pipeline	5.00	5.00	0.00
33	Storm Drainage outside plant/Rain Water Harvesting/Land escaping of green belt area	23.81	23.81	0.00
Water Infrastructure				
34	Water Infrastructure	0.00	0.00	0.00
Electrical Package				
35	Erection of Transmission line (220 kV) after Gantry of Switch yard of 2X250 MW unit to existing 220 kV transmission line (6 bays)	0.00	0.00	0.00
36	Erection of interconnection transmission (132 kV) line between existing switch yard of 2X110 MW units and extension project switchyard (2X250 MW units), Rehabilitation of 2 bays of 132 kV old switchyard and shifting of 132 kV transmission line from old Ash Dyke Area	10.00	10.00	0.00

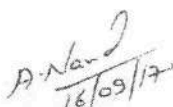
Handwritten signatures and notes:
 A. N. S. Singh, Singh, Singh, Singh, Singh, Singh, Singh, Singh
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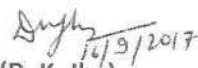
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37	Load Flow Study	0.00	0.00	0.00	
38	Consultancy Charges - EIA, general, PMC, Railway etc	13.00	20.00	7.00	
B	Enabling Works Total	563.13	483.85	-79.28	
C	IDC (Upto Dec' 2017)	850.00	1475.00	625.00	
D	Corporate Social Responsibility	22.00	22.00	0.00	
E	Pre-commissioning Expenses for trail Run, Commissioning etc (LDO/HFO/Coal/DM Water)	107.52	91.02	-16.50	
	Operation & maintenance of unit# 8 & 9 for 2 months after COD	0.00	90.63	90.63	
F	Pre-commissioning Expenses for Establishment (May-13 to Dec-17)	45.00	65.00	20.00	
G	Security Expenditure for CISF	0.00	35.00	35.00	
H	Contingency & Administrative Expenses	25.00	20.00	-5.00	
I	Coal Block Development and its statutory fees etc.	100.00	0.00	-100.00	
J	FGD (De-Sox), SCR (De-Nox), SPM & other associated equipments, online reporting systems and consultancy services required to meet new environment norms etc.	0.00	350.00	350.00	At the rate 0.70 Crs./MW
	Total	5308.07	6652.78	1344.71	

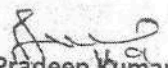
Revised Project cost : Rs. 6652.78 Crores Say Rs. 6653.00 Cr.

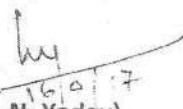

(C. K. Pathak)
M/s STEAG

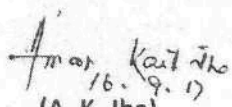

(Amita Nand)
ESE (P&D), BSPGCL

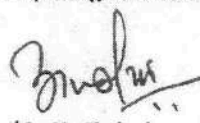

(D. K. Jha)
ESE, BSPGCL

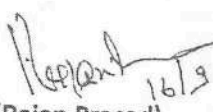

(K. N. Jha)
ESE (Project), BTPS


(Pradeep Kumar)
G.M. (F&A), BSPGCL


(J. N. Yadav)
C.E. (Civil), BSPGCL


(A. K. Jha)
C.E. (Generation), BSPGCL


(A. K. Sinha)
G.M. cum C.E., BTPS


(Rajan Prasad)
C.E. (P&D), BSPGCL

GOVERNMENT OF BIHAR
ENERGY DEPARTMENT

NOTIFICATION

No.11.....

Dated 14.12.2018

THE BIHAR POWER GENERATION UNDERTAKINGS TRANSFER SCHEME,
2018 (AMENDMENT)

In exercise of powers conferred under Sections 131, 134 and other applicable provisions of the Electricity Act, 2003, the Government of Bihar have notified 'The Bihar Power Generation Undertakings Transfer Scheme 2018' ("Transfer Scheme") vide notification No. 5 dated 27.06.2018 (Bihar Gazette No. Patna 641 dated 06.07.2018) for the purpose of transfer and vesting of properties, interests, rights, specified assets, specified liabilities and specified personnel concerning (a) Barauni Thermal Power Station (BTPS) Stage-I and Stage-II situated at Begusarai, Bihar; (b) BSPGCL's equity contribution in Nabinagar Power Generating Company Private Limited (NPGCL) and (c) BSPGCL's equity contribution in Kanti Bijli Utpadan Nigam Limited (KBUNL), from BSPGCL to NTPC Limited.

On the matter of coal allocation for Barauni Stage-II (2x250 MW), the Transfer Scheme envisaged that BSPGCL would surrender the Badam coal block to the Ministry of Coal (MoC), Govt. of India and apply to Ministry of Power (MoP)/Ministry of Coal (MoC) for allocation of coal under SHAKTI Scheme, 2017 of Govt. of India.

Whereas Ministry of Coal, Govt. of India, vide letter reference number 23014/4/2018-CLD dated September 05, 2018 has forwarded the minutes of the meeting of SLC (LT) for Power Sector held on August 09, 2018 wherein the MoC has approved to transfer the Bridge Linkage for Barauni TPS Stage-II to NTPC in the event of NTPC taking over the Badam coal block.

In consideration of above, the specific provisions of Transfer Scheme pertaining to Badam Coal Block, is hereby amended with immediate effect as provided in Annexure-A herein.

Further, in partial modification of the notification No./BSPGCL-01/2018/08 dated 07.08.2018 notifying Effective Date of Transfer for the Bihar Power Generation Undertaking Transfer Scheme, 2018 (Bihar Gazette No. Patna 761 dated 09.08.2018) the State Government hereby appoints 15.12.2018 as the Effective Date of Transfer for

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Barauni Thermal Power Station (BTPS) Stage-I and Stage-II situated at Begusarai, Bihar as the date of coming into force of 'The Bihar Power Generation Undertakings Transfer Scheme 2018' ("Transfer Scheme") and as the Date of Transfer of mentioned specified properties, interests, rights, assets, liabilities and personnel, from BSPGCL to NTPC Limited.

This notification shall come into force with immediate effect.

By order of the Governor of Bihar

Sd/-

(Pratyaya Amrit)
Principal Secretary.

Memo No-३० / BSPGCL-01 / 2018(खंड-1)

/Patna, Dated-

Copy with CD forwarded to the Dy. Secretary, Press (e-gazette Cell), Finance Department, Bihar, Patna to publish in forthcoming extraordinary issue of the Bihar Gazette.

2. He is requested to make available 100 copies of the published gazette to Energy Department, Govt.of Bihar.

Sd/-

Principal Secretary

Memo No-३० / BSPGCL-01 / 2018(खंड-1) 3121

/Patna, Dated- 14/12/2018

Copy to: Principal Secretary to Hon'ble Chief Minister, CM Secretariat, Patna/ Principal Private Secretary to Chief Secretary/ Private Secretary to Hon'ble Energy Minister/ Secretary, Ministry of Power, Govt. of India, New Delhi/ Chairman, Bihar Electricity Regulatory Commission, Patna/ Principal Secretary, Finance Deptt., Bihar, Patna/ Principal Secretary, Revenue and Land Reforms Deptt., Bihar, Patna/ Secretary, Planning and Development Deptt., Bihar, Patna/ All Govt. Deptt./ Head of all Deptt./ Chairman-cum-Managing Director, NTPC, SCOPE Complex, Lodhi Road, New Delhi/Regional Executive Director, East-I, NTPC, Loknayak Jaiprakash Bhawan, Patna/ Accounts Section, Energy Deptt., Patna/ Budget Section, Energy Deptt., Patna/ Joint Secretary, Energy Deptt., Bihar, Patna/ Chairman-cum-Managing Director, Bihar State Power (H) Company Ltd, Patna/ Managing Director, Bihar State Power Generation Company Ltd, Patna/ Managing Director, South Bihar Power Distribution Company Ltd, Patna/ Managing Director, North Bihar Power Distribution Company Ltd, Patna/ Managing Director, Bihar State Power Transmission Company Ltd, Patna/ Managing Director, Bihar State Hydroelectric Power Corporation Ltd/ Director, BREDA, Sone Bhawan, Patna/ District Magistrate-Cum-Collector, Begusarai/Muzaffarpur/Aurangabad/ IT Manager, Energy Deptt., Patna for information and necessary action.

Principal Secretary

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Annexure-A

Sl. No.	Para No. of Transfer Scheme	Provision as per notification dtd 27.06.2018	Amended Provision
1.	WHEREAS CLAUSE (VIII)(d)	Further on the matter of Badam coal block, which has been allotted to BSPGCL, it has been agreed between NTPC and BSPGCL that in view of the difficulties being faced by BSPGCL in development of the coal block, BSPGCL would surrender the coal block to the Ministry of Coal (MoC), Govt. of India. Consequent penalties, levies or surrender costs (if any), would be added to the BTPS consideration payable by NTPC and such costs may be included for determination of tariff, subject to the approval by the CERC. In the case of disallowance of these costs by CERC, NTPC may recover these costs subsequently post takeover from the Discoms, on mutually agreed terms in the ratio of PPA.	Whereas the Ministry of Coal, Govt. of India vide its letter no. 23014/4/2018-CLD dt. 5th Sept. 2018, has decided to transfer the bridge linkage of BTPS Stage-II (2x250 MW) to NTPC in the event of NTPC taking over the Badam Coal Block. Therefore, it has been agreed between NTPC and BSPGCL that the Badam Coal Block, allocated to BTPS Stage-II, shall be assigned to NTPC in terms of the allotment agreement dated 30.03.2015 between BSPGCL and Ministry of Coal, GoI for the Badam Coal Block. All liabilities except assests related liabilities pertaining to Badam Coal Block accruing for the period prior to the Date of Transfer of Coal Block to NTPC shall be to the account of BSPGCL.
	WHEREAS CLAUSE (IX)(b)	For Badam coal block, post the surrender by BSPGCL,	deleted

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		consequent penalties, levies or surrender costs (if any), would be added to the BTPS consideration payable by NTPC and such costs may be included for determination of tariff, subject to the approval by the CERC. In the case of disallowance of these costs by CERC, NTPC may recover these costs subsequently post takeover from the Discoms, on mutually agreed terms in the ratio of PPA.	
	SCHEDULE 'A' Part-I: BTPS SPECIFIED UNDERTAKINGS	No provision	New Para 10 is inserted after the existing para 9 as under: "10. Badam Coal Block The Badam Coal Block allocated to BSPGCL for end use of the Barauni Thermal Power Station Stage-II shall be assigned to NTPC in terms of the allotment agreement dated 30.03.2015 between BSPGCL and MoC, GoI for the Badam Coal Block.




बिहार सरकार
ऊर्जा विभाग

अधिसूचना

संख्या-प्र० / BSPGCL-01 / 2018(खंड-1) 11

दिनांक 14/12/2018

बिहार विद्युत् उत्पादन उपक्रम अंतरण योजना, 2018 (संशोधन)

विद्युत् अधिनियम, 2003 की धारा 131, 134 एवं अन्य लागू उपबंधों के तहत प्रदत्त शक्तियों का प्रयोग करते हुए, राज्य सरकार द्वारा अधिसूचना सं० 05 दिनांक 27.06.2018 (बिहार गज़ट सं० पटना 641 दिनांक 06.07.2018) के माध्यम से BSPGCL के (क) बेगुसाराय में स्थित बरौनी थर्मल पावर स्टेशन (BTPS) स्टेज-1 तथा स्टेज-2; (ख) नबीनगर पावर जेनरेटिंग कंपनी प्राइवेट लिमिटेड (NPGCL) में हिस्सापूँजी योगदान और (ग) कांटी बिजली उत्पादन निगम लिमिटेड (KBUNL) में हिस्सापूँजी योगदान के तहत BSPGCL में निहित परिसंपत्तियों, हितों, अधिकारों, निर्दिष्ट संपत्तियों, निर्दिष्ट देयताएं और निर्दिष्ट कर्मियों को NTPC लिमिटेड को हस्तांतरण के उद्देश्य हेतु 'बिहार विद्युत् उत्पादन उपक्रम अंतरण योजना, 2018' ("अंतरण योजना") अधिसूचित की गयी है।

उपर्युक्त अंतरण योजना में बरौनी स्टेज-II (2x250 मेगावाट) हेतु कोयला आवंटन के संदर्भ में यह उल्लिखित है कि BSPGCL बादम कोल ब्लॉक कोयला मंत्रालय, भारत सरकार को वापस कर देगा तथा भारत सरकार की SHAKTI योजना, 2017 के तहत कोयला मंत्रालय, भारत सरकार के समक्ष कोयला आवंटन हेतु आवेदन करेगा।

चूँकि कोयला मंत्रालय, भारत सरकार ने प्रासंगिक पत्र सं० 23014/4/2018-CLD दिनांक 05.09.2018 के माध्यम से उर्जा क्षेत्र के लिए SLC(LT) की बैठक की कार्यवाही अग्रसारित किया है जिसमें कोयला मंत्रालय ने बादम कोल ब्लॉक का NTPC द्वारा अधिग्रहण की स्थिति में बरौनी थर्मल पावर स्टेशन स्टेज-II के लिए ब्रिज लिंकेज को NTPC को हस्तांतरित करने को अनुमोदित किया है।

उपर्युक्त पर विचार करते हुए अंतरण योजना में बादम कोल ब्लॉक से सम्बंधित विशिष्ट उपबंधों को निष्पत्ति प्रभाव से, जैसा कि इसके अनुसूची-क में उपबंधित है, एतद् द्वारा संशोधित किया जाता है। तत्पश्चात, अधिसूचना सं० प्र०/BSPGCL/01/2018/08 दिनांक 07.08.2018 के माध्यम से अधिसूचित बिहार विद्युत् उत्पादन उपक्रम अंतरण योजना, 2018 के अंतरण की प्रभावी तिथि (बिहार गज़ट सं० पटना 761 दिनांक 09.08.2018) का आंशिक संशोधन करते हुए राज्य सरकार एतद् द्वारा दिनांक 15.12.2018 को बेगुसाराय स्थित बरौनी थर्मल पावर स्टेशन (BTPS) स्टेज-I तथा स्टेज-II के बिहार विद्युत् उत्पादन उपक्रम अंतरण योजना, 2018 के अंतर्गत अंतरण की प्रभावी तिथि तथा निहित परिसंपत्तियों, हितों, अधिकारों, निर्दिष्ट संपत्तियों, निर्दिष्ट देयताएं और निर्दिष्ट कर्मियों को BSPGCL से NTPC लिमिटेड को हस्तांतरण की तिथि के रूप में घोषित किया जाता है।

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नोट:- अंतरण योजना के हिंदी संस्करण के किसी बिंदु या विवरणी पर अस्पष्टता अथवा संशय की स्थिति में अंग्रेजी संस्करण मान्य होगा ।

यह अधिसूचना तुरंत के प्रभाव से प्रवृत्त होगी ।

बिहार- राज्यपाल के आदेश से,

ह0/-

(प्रत्यय अमृत)

सरकार के प्रधान सचिव ।

ज्ञापांक-प्र0/BSPGCL-01/2018(खंड-I)

/पटना, दिनांक-

प्रतिलिपि:-उप सचिव, प्रेस (ई-गजट कोंषांग), वित्त विभाग, बिहार, पटना को बिहार राजपत्र के अगामी असाधारण अंक में मुद्रण हेतु (सी0डी0 एवं दो हार्ड कॉपी के साथ) प्रेषित ।

2 उनसे अनुरोध है कि प्रकाशित गजट की 100 (एक सौ) प्रतियों ऊर्जा विभाग, बिहार सरकार को उपलब्ध कराने की कृपा की जाय ।

ह0/-

सरकार के प्रधान सचिव ।

ज्ञापांक-प्र0/BSPGCL-01/2018(खंड-I) 3121

/पटना, दिनांक- 14/12/2018

प्रतिलिपि:-मा0 मुख्यमंत्री के प्रधान सचिव, मुख्यमंत्री सचिवालय, पटना/मुख्य सचिव के प्रधान आप्त सचिव/मा0 मंत्री ऊर्जा के आप्त सचिव/सचिव, विद्युत मंत्रालय, भारत सरकार, नई दिल्ली/अध्यक्ष, बिहार विद्युत विनियामक आयोग, पटना/प्रधान सचिव, वित्त विभाग, बिहार, पटना/प्रधान सचिव, राजस्व एवं भूमि सुधार विभाग, बिहार, पटना/सचिव, योजना एवं विकास विभाग, बिहार, पटना/सरकार के सभी विभाग/सभी विभागाध्यक्ष/अध्यक्ष-सह-प्रबन्ध निदेशक, एन0टी0पी0सी0, स्कोप कम्पलेक्स, लोधी रोड, नई दिल्ली/क्षेत्रीय कार्यकारी निदेशक, पूरव-1 एन0टी0पी0सी0-लोकनायक जयप्रकाश भवन, पटना/लेखा शाखा, ऊर्जा विभाग, पटना/बजट शाखा, ऊर्जा विभाग, पटना/संयुक्त सचिव, ऊर्जा विभाग, बिहार, पटना/अध्यक्ष-सह-प्रबन्ध निदेशक, बिहार स्टेट पावर (हो0) कं0 लि0, पटना/प्रबन्ध निदेशक, बिहार स्टेट पावर जेनरेशन कं0 लि0, पटना/प्रबन्ध निदेशक, साउथ/नॉर्थ बिहार पावर डिस्ट्रीब्यूशन कं0 लि0, पटना/ प्रबन्ध निदेशक, बिहार स्टेट पावर ट्रान्समिशन कं0 लि0, पटना/प्रबन्ध निदेशक, बिहार राज्य जिल विद्युत निगम/निदेशक, ब्रेडा, सोन भवन/समाहर्ता, बेगुसराय/मुजफ्फरपुर/औरंगाबाद एवं आई0टी0 मैनेजर, ऊर्जा विभाग, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित ।

सरकार के प्रधान सचिव ।

14/12/18

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क्रम सं०	अंतरण योजना का अनुच्छेद सं०	अधिसूचना दिनांक 27.06.2018 के अनुसार प्रावधान	संशोधित प्रावधान
1.	जबकि खंड (VIII)(घ)	<p>यह भी कि BSPGCL को आवंटित बादम कोल ब्लॉक के सम्बन्ध में NTPC एवं BSPGCL के बीच यह भी सहमति बनी है कि उक्त कोयला ब्लॉक को विकसित करने में आ रही कठिनाईयों को देखते हुए BSPGCL द्वारा इसे भारत सरकार के कोयला मंत्रालय को वापस सौंप दिया जाएगा। इसके परिणाम स्वरूप यदि कोई जुर्माना, वसूली या समर्पण शुल्क भारित किया जाता है, तो उसे NTPC द्वारा BTPS के स्वामित्व हस्तांतरण के एवज में भुगतये अंतरण निधि में जोड़ा जाएगा तथा उस रकम को BTPS के विद्युत् टैरिफ में केन्द्रीय विद्युत् विनियामक आयोग से स्वीकृति प्राप्त कर समायोजित किया जाएगा। यदि केन्द्रीय विद्युत् विनियामक आयोग द्वारा उक्त समायोजन की स्वीकृति नहीं दी जाती है तो वैसी परिस्थिति में BTPS के स्वामित्व ग्राहण के पश्चात NTPC उक्त राशि को परस्पर मानी शर्तों पर PPA अनुपातिक आधार पर वितरण कम्पनीयों से प्राप्त कर सकता है।</p>	<p>जबकि कोयला मंत्रालय, भारत सरकार ने पत्र संख्या 23014/4/2018-CLD दिनांक 5 सितंबर 2018 के माध्यम से बीटीपीएस स्टेज-II (2x250 मेगावाट) हेतु NTPC को ब्रिज लिकेज स्थानांतरित करने की स्वीकृति इस शर्त के साथ दी है कि NTPC बादम कोल ब्लॉक को develop करेगा।</p> <p>इसलिए BSPGCL तथा NTPC के बीच यह सहमति बनी है कि बीटीपीएस स्टेज-II हेतु BSPGCL को आवंटित बादम कोल ब्लॉक BSPGCL एवं कोयला मंत्रालय, भारत सरकार के बीच बादम कोल ब्लॉक हेतु दिनांक 30.03.2015 को संपन्न आवंटन समझौते के शर्तों पर NTPC को सौंपा जाएगा।</p> <p>कोल ब्लॉक के NTPC को हस्तांतरण की तारीख के पूर्व की अवधि की बादम कोल ब्लॉक की आस्तियों संबंधी देनदारियों को छोड़कर उक्त कोल ब्लॉक से संबंधित सभी देनदारियां BSPGCL की होंगी।</p>
2.	जबकि खंड (IX)(ख)	<p>बादम कोल ब्लॉक के लिए, BSPGCL द्वारा कोल ब्लॉक को वापस सौंपने के पश्चात, भारित जुर्माना, वसूली या समर्पण शुल्क (यदि कोई होता है), को BTPS के स्वामित्व हस्तांतरण के एवज में भुगतये अंतरण निधि में जोड़ा जाएगा</p>	विलोपित

		<p>तथा उस रकम को BTPS के विद्युत् टैरिफ में केन्द्रीय विद्युत् विनियामक आयोग से स्वीकृति प्राप्त कर समायोजित किया जाएगा। यदि केन्द्रीय विद्युत् विनियामक आयोग द्वारा उक्त समायोजन की स्वीकृति नहीं दी जाती है तो वैसी परिस्थिति में BTPS के स्वामित्व ग्राहण के पश्चात् NTPC उक्त राशि को परस्पर मानी शर्तों पर PPA अनुपातिक आधार पर वितरण कम्पनीयों से प्राप्त कर सकता है।</p>	
3.	<p>अनुसूची 'क' भाग- I: निर्दिष्ट उपक्रम बीटीपीएस</p>	<p>कोई प्रावधान नहीं</p>	<p>मौजूदा अनुच्छेद 9 के बाद नया अनुच्छेद 10 डाला गया है: "10. बादम कोल ब्लॉक बरौनी थर्मल पावर स्टेशन स्टेज-II के अंतिम उपयोग हेतु BSPGCL को आवंटित बादम कोल ब्लॉक BSPGCL एवं कोयला मंत्रालय, भारत सरकार के बीच बादम कोल ब्लॉक हेतु दिनांक 30.03.2015 को संपन्न आवंटन समझौते के शर्तों पर NTPC को सौंपा जाएगा।</p>

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No. 11/27/2017-Th-II
Government of India
Ministry of Power

Shram Shakti Bhawan, Rafi Marg,
New Delhi, dated: 21st June, 2018

To,

The Principal Secretary,
Energy Department,
Government of Bihar,
8, Daroga Prasad Rai Path,
Patna, Bihar - 800001

Subject: Allocation of 100% Power to Bihar from Barauni Thermal Power Station under transfer to NTPC Ltd. - regarding.

Sir,

I am directed to refer to Government of Bihar Letter no. 29/Pr.S. Cell dated 21.05.2018 on the subject mentioned above and to say that the proposal for allocation of 100% power from existing Barauni TPS 2x110 MW Stage-I and Barauni TPS, Extension, 2x250 MW Stage -II (under construction) to State Government of Bihar, consequent upon transfer of the project to NTPC, has been considered and it has been decided that there is no new allocation is to be done in the matter. Hence, 100% power from Barauni TPS will continue to flow to the State of Bihar as per the extant PPAs and the MoU signed by NTPC with State Government of Bihar on 15.05.2018.

2. This issues with the approval of Hon'ble Minister of State for Power, (I/C).

Yours faithfully,

Anita Saini
(Anita Saini)

Under Secretary to the Government of India
Telefax: 23719710

GA



बिहार BIHAR

क्रमांक 3941-66-1/2018-1/2018

A 811494

क्र. 21 पी. टी. 1000 ई. 2018-1 (पृ. 422/1200)

चन्द्रशेखर प्रसाद
मुद्रांक विक्रेता, सा. नं. 33/87
कल्याण कांठ, पटना

~~AMENDED AND~~ RESTATED POWER PURCHASE AGREEMENT

BETWEEN

NTPC LTD

AND

NORTH BIHAR POWER DISTRIBUTION COMPANY LTD

AND

SOUTH BIHAR POWER DISTRIBUTION COMPANY LTD

FOR

BARAUNI THERMAL POWER STATION STAGE-I (2X110 MW) AND STAGE-II (2X250 MW)

This Amended and Restated Power Purchase Agreement hereinafter called the "Agreement" entered into at Patna on the Seventh day of June, Two Thousand Eighteen (07/06/2018) between NTPC Limited a company incorporated under the Companies Act, 1956 having its

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क्रमांक 394266
 रूता का नाम एवं पता 218

A 811495

(Signature)
 चन्द्रशंकर प्रसाद
 मुद्राक विक्रेता, सी० न० 33/8
 कान्छिया कॉप, दरभंगा

registered office at NTPC Bhawan, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi-110003. (hereinafter called "NTPC") which expression shall unless repugnant to the context or meaning thereof include its successors and assigns as party of the first part;

AND North Bihar Power Distribution Company Ltd, a company formed by virtue of 'Bihar State Electricity Reforms & Transfer Scheme, 2012' issued under the Electricity Act, 2003, a power distribution utility of the Government of Bihar having its registered office at Vidyut Bhawan, Bailey Road, Patna -800001 (hereinafter referred to as 'NBPDC') which expression shall

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unless repugnant to the context or meaning thereof include its successors and Permitted Assigns;.

AND

South Bihar Power Distribution Company Ltd, a company formed by virtue of 'Bihar State Electricity Reforms & Transfer Scheme, 2012' issued under the Electricity Act, 2003, a power distribution utility of the Government of Bihar having its registered office at Vidyut Bhawan Bailey Road, Patna -800001(hereinafter referred to as 'SBPDCL')which expression shall unless repugnant to the context or meaning thereof include its successors and Permitted Assigns;

NBPDCL and SBPDCL hereinafter collectives as parties of the second part.

Each of the parties of the first and second part above is individually referred to as a "Party" and collectively as the "Parties".

AND

WHEREAS Bihar State Power Holding Company Ltd (hereinafter referred to as 'BSPHCL') is a Bihar state-owned holding company and successor to erstwhile Bihar State Electricity Board (BSEB) operating within the state of Bihar. The erstwhile BSEB has been unbundled into five parts namely Bihar State Power Holding Company Limited (apex holding Company), Bihar State Power Generation Company Limited (Generation business), Bihar State Power Transmission Company Limited (Transmission Business) (BSPTCL), North Bihar Power Distribution Company Limited & South Bihar Power Distribution Company Limited, vide Bihar State Electricity Reforms Transfer Scheme, 2012 issued vide notification 17 dated 30.10.2012.

AND

WHEREAS Bihar State Power Generating Company Ltd (hereinafter referred to as 'BSPGCL') a company formed by virtue of 'Bihar State Electricity Reforms & Transfer Scheme, 2012' under the Electricity Act, 2003, is a generating undertaking of the Government of Bihar having its Registered office at Vidyut Bhawan, Jawaharlal Nehru Marg, Patna -800021.

AND

WHEREAS Barauni Thermal Power Station (BTPS) is a generating station located at Barauni, district Begusarai in the state of Bihar presently having existing installed capacity of 2x110 MW units in Stage-I(hereinafter referred to as 'BTPS Stage-I'). The units of BTPS stage-I are undergoing R&M..

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AND

WHEREAS BSPGCL has been in the process of expanding the capacity of mentioned station by 500 MW by setting 2x250 MW units as Barauni Thermal Power Station Stage-II (hereinafter referred to as 'BTPS Stage-II'). The units of BTPS stage-II are presently under construction.

AND

WHEREAS Government of Bihar, BSPHCL, NBPDC, SBPDCL & BSPGCL, BSPTCL and NTPC have entered in to a Memorandum of Understanding (MOU) signed on 15th May 2018 with one of the objective of achieving enhanced operational performance of the generating assets of Bihar. In order to achieve this objective it has been agreed in MOU that the assets of Barauni Thermal Power Station (Stage-I & Stage-II) shall be transferred to NTPC Ltd in accordance with a transfer scheme to be notified by the Government of Bihar in accordance to Section 131 of the Electricity Act 2003.

AND

WHEREAS NBPDC, SBPDCL and BSPGCL have entered into a Power Purchase Agreement signed on 17.10.2015 for Generation, purchase and sale of power from the existing two units of 2x110 MW of Stage-I and new units being set-up of 2x250 MW Stage-II of Barauni Thermal Power Station.

AND

WHEREAS Since the BTPS Stage-I and BTPS Stage-II (collectively called 'BTPS station' or 'station') are transferred to NTPC Ltd, NBPDC and SBPDCL collectively are desirous to and shall continue purchasing the entire electricity generated from the BTPS existing Units of BTPS Stage-I and under construction BTPS Stage-II, as a condition of the transfer of the Barauni Station to NTPC

AND

NTPC Ltd *has agreed to and shall* sell electricity from the BTPS Station to Bihar Discoms ("NBPDC & SBPDCL") from the date of takeover of ownership of the BTPS Stage-I and thereafter from the date of commercial operation of first units of BTPS Stage-II.

AND

WHEREAS NBPDC and SBPDCL has agreed in the MOU executed on 15th May 2018 for assignment of the existing Power Purchase Agreement executed on 17.10.2015 in favour of NTPC Ltd; NBPDC, SBPDCL and NTPC Ltd are hereby entering into an Amended and Restated agreement for purchase of power from the BTPS Stage-I (2x110 MW) and BTPS Stage-II (2X250MW) of Barauni Thermal Power Station.

Now, therefore, in consideration of the premises and mutual agreement, covenant and conditions set herein, it is hereby agreed by and between the Parties as follows:-

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1.0 DEFINITIONS

- (a) The words or expressions used in this Agreement but not defined hereunder shall have the same meaning assigned to them by the Electricity Act, 2003 as amended from time to time, the Rules framed thereunder and Regulations issued by Central Commission from time to time.
- (b) The words or expressions mentioned below shall have the meanings respectively as assigned hereunder:

Act; 2003	The Electricity Act, 2003 as amended or modified from time to time, including any re-enactment thereof.
Agreement to Hypothecate cum Deed of Hypothecation	Shall have the meaning as ascribed under article 6.2.9 of this Agreement.
Availability	'Availability' as defined in the Tariff Regulations of Central Commission as amended or replaced from time to time
Billing Centre	The office as intimated by NTPC Ltd to the NBPDCCL & SBPDCL from where the bills will be raised on them.
Bihar Discoms	Shall mean both Distribution companies of Bihar namely North Bihar Power Distribution Company Ltd {NBPDCCL} and South Bihar Power Distribution Company Ltd.{SBPDCL}
Bulk Power Customer(s)	Bulk Power Customer(s) in relation to the Station shall mean the person(s) including Bihar Discoms to whom capacity is contracted from the station.
Busbars/Ex Bus	Busbars of the Station to which outgoing feeders are connected.
BERC	Bihar Electricity Regulatory Commission
CEA or Authority	Central Electricity Authority as defined under Section 2(6) of the Electricity Act, 2003.

CERC	Central Electricity Regulatory Commission or Central Commission as defined under Section 2(9) of the Electricity Act, 2003 or any other Competent Authority (for determination of tariff).
CTU	Central Transmission Utility as defined under Section 2(10) of the Electricity Act, 2003.
Capacity Charges	Capacity Charges are Fixed Charges as determined by Central Commission and shall be paid in proportion to the Contracted Capacity from time to time.
Charges for Supply of Electricity	Mean and include all charges including the Tariff to be paid by the Bihar Discoms/Bulk Power Customer(s) in respect of supply of electricity to them from the Station in accordance with the provisions of this Agreement.
Commercial Operation Date	'Date of Commercial Operation' or 'COD' in relation to a unit means the date declared by NTPC in accordance with Tariff Regulations of the Central Commission, as amended from time to time or replaced from time to time and in relation to the generating station the date of commercial operation means the date of commercial operation of the last unit or block of the Station.
Contracted Capacity	Capacity contracted by the Bihar Discoms/Bulk Power Customer(s) under this Agreement under Article 2.2.
Collateral Arrangement	Shall have the meaning as ascribed under Article 6.2 of this Agreement.
Effective Date	Means the date of signing of this Agreement.

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Energy Charges	As defined in the Appropriate Regulations of the Central Commission as amended or replaced from time to time
Escrow Agreement	Shall have the meaning as ascribed under Article 6.2.9 of this Agreement
ERLDC	Eastern Regional Load Despatch Centre.
ERPC	Eastern Regional Power Committee established under Section 2(55) of the Electricity Act, 2003.
Ex-bus	Ex- Busbar of the station
GOI	Govt. of India
GOB	Govt. of Bihar
IEGC	Indian Electricity Grid Code, as issued by CERC or any other competent authority and as amended from time to time.
Infirm Electricity	means electricity generated prior to commercial operation of a Unit (s) /Block(s) of the Station
MOU	Memorandum of Understanding executed on 15 th May 2018 as referred to in the recital.
LC	Irrevocable Revolving Letter(s) of Credit.
Main and Check Meter	Meter for measurement and checking of import/export of energy on the outgoing feeders of the Station Busbars for Energy Accounting.

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Monthly Bill	Monthly Bill as raised by NTPC Ltd as per REA /Energy Account/ in line with the Regulations of the Central Commission as amended from time to time. Provided that periodicity of billing may change as per Regulations of the Central Commission from time to time.
MoP	Ministry of Power
MW	Mega Watt
Party/Parties	Shall have the meaning ascribed thereto in the recital to this Agreement.
Permitted Assigns	Have the meaning as per Article 12.0 of this Agreement
Powergrid	Power Grid Corporation of India Ltd.
Regional Energy Account (REA)/ Energy Account	Periodic Energy Account issued by ERPC/ ERLDC/ SLDC including amendments thereof.
Scheduled Generation	Scheduled Generation as defined in the Tariff Regulations of Central Commission as amended or replaced from time to time
SLDC	State Load Despatch Centre of Bihar
Station	Have the meaning as Barauni Thermal Power Station Stage-I& Barauni Thermal Power Station Stage-II.

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STU State Transmission Utility of Bihar.

Supplementary Bill Have the meaning under the Article 6.1.4 .

Target Availability Availability of the Station for recovery of full Capacity (Fixed) Charges on annual basis as provided in Tariff Regulations.

Transmission Licensee Have the meaning as defined under section 2(73) of the Electricity Act, 2003.

Tariff Tariff shall constitute Capacity Charges, Energy Charges, Incentive and other charges viz taxes, cess etc for supply of electricity from the Station as determined by Regulations of Central Commission or any other Competent Authority.

Tariff Regulations Tariff Regulations as notified by CERC from time to time for determination of tariff of Central generating stations.

Third Party(ies) Any person other than the person to whom electricity is contracted under this Agreement.

Tripartite Agreement The Tri-partite Agreement signed by the Govt. of Bihar, GOI and Reserve Bank of India.

(TPA)

Unit Each Unit of the Station

UI/ DSM Charges Deviation Settlement Charges defined in Central Electricity Regulatory Commission (Deviation Settlement Charges and related matters) Regulations, 2014 as amended or replaced from time to time.

2.0 GENERAL

2.1 INSTALLED CAPACITY:

2.1.1 The capacity of existing units of Barauni Thermal Power Station Stage-I is 220 MW (2x110 MW) and capacity under execution Barauni Thermal Power Station Stage-II is

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500 MW (2x250 MW).

2.2 ALLOCATION OF POWER

- 2.2.1 Government of Bihar has sought 100% allocation from both existing BTPS Stage-I and under construction BTPS Stage-II. However, allocation of Capacity from the Station to Bihar Discoms and other Bulk Power Customer(s) if any of station shall be as finally decided by GoI or any other competent Authority based on the prevailing Central Government Policy.
- 2.2.2 In case after allocation of power as envisaged in Article 2.2.1 above, any power remains unallocated, such power shall be deemed to have been allocated and thereby forming part of Contracted Capacity to various Bulk Power Customer(s) in proportion to their contracted shares.
- 2.2.3 The allocation made from the Station by GOI or any other competent authority in favour of the Bihar Discoms shall be the Contracted Capacity in the terms of this Agreement. The Bihar Discoms shall draw electricity against the above Contracted Capacity limited to the amount of LC opened and maintained as per the payment security mechanism as provided in Article 6.2 . NTPC shall intimate ERLDC/SLDC from time to time regarding the quantum of capacity Bihar Discoms are eligible to draw. However, Bihar Discoms shall have obligation to pay all charges corresponding to their allocation.

3 TRANSMISSION / WHEELING OF ELECTRICITY

- 3.1 Sale of electricity shall be at the busbars of the Station. Evacuation of power shall be the obligation and responsibility of Bihar Discoms. Bihar Discoms shall ensure availability of adequate transmission system for evacuation of power generated from the station, either directly or through the STU/CTU or any transmission licensee.
- 3.2 Bihar Discoms shall ensure adequate transmission system for evacuation of full electricity from the Station, matching with the progressive performance improvement. Backing down generation at the station due to transmission constrain shall be considered as deemed generation and Bihar Discoms shall be liable to pay all charges due for the Station. NTPC shall not be responsible for in any manner whatsoever for transmission arrangement for power evacuation from such delivery point of station. Bihar Discoms also agree to sign all necessary agreements, including Long Term Access (LTA) Agreement and Transmission Service Agreement (TSA) with Central Transmission Utility (CTU) / State Transmission Utility (STU) /Other transmission licensees developing the identified transmission system, corresponding to its share of allocated capacity from the project as may be required.

Bihar Discoms will allow other beneficiaries of station, if any, to evacuate their share of power allocated from Station using the STU network on payment of applicable

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Transmission charges and signing of necessary agreement for wheeling of electricity beyond bus-bar of the Station.

- 3.3 All Charges for utilisation of transmission system(s) owned by the Powergrid/ STU/ other Transmission Licensee for wheeling of the electricity beyond busbar of the Station, shall be paid directly by Bihar Discoms to the Powergrid / STU or the Transmission Licensee as the case may be. NTPC shall not be responsible for payment of any charges for evacuation of power beyond bus bars of the station.

4.0 SCHEDULING, METERING AND ENERGY ACCOUNTING

4.1 SCHEDULING

It is understood and agreed by and between the parties that NTPC shall operate the Station as a base load station as per the manufacturer guidelines, applicable grid operating standards as per IEGC, applicable Regulations of the Central Commission, directions of the Central Commission/RLDC/ SLDC and relevant statutory provisions, as applicable and the decisions taken at ERPC forums.

Methodology of generation scheduling shall be as per IEGC (as revised from time to time) and based on Availability Based Tariff mechanism of the Central Commission.

All charges/ fees related to scheduling and despatch of electricity shall be borne by Bihar Discoms.

NTPC shall make declaration of the capacity at the bus-bars of the Station after taking into account the capability of the Station to deliver Ex-Bus which shall be used while calculating Declared Capacity (DC). Bihar Discoms shall have the right to schedule this DC in proportion to its allocation from the Station.

4.2 DECLARED CAPACITY

Declared Capacity or 'DC' means the capability of the Station to deliver Ex-Bus electricity in MW declared by the Station in relation to any period of the day or whole of the day, duly taking into account the availability of fuels as per the procedure laid down in IEGC.

4.3 METERING

- 4.3.1 A set of Main and Check Meters of 0.2S accuracy class and Standby Meters, as per CEA (Installation & Operation of Meters) Regulations 2006 as amended from time to time/ IEGC as applicable, shall be installed on all outgoing feeders of the Station. Bihar Discoms shall make all necessary arrangements for installation of meters of required accuracy and specifications, at all its drawl points.

- 4.3.2 The Main and Check Meters shall be checked jointly at the time of installation as per the CEA (Installation & Operation of Meters) Regulations 2006 as amended from time to time.

4.3.3 Data shall be downloaded from the meters at regular intervals as decided by ERPC/ERLDC/SLDC for preparation of the REA/ Energy Account /UI/ DSM Account as per the provisions of IEGC as amended from time to time.

4.3.4 Regular cross checking and analysis of meter readings and meter failure or discrepancies shall be reckoned as per CEA (Installation & Operation of Meters) Regulations 2006 as amended from time to time. If the Main Meter or Check Meter is found to be not working at the time of meter readings or at any other time, NTPC shall inform the CTU/ERLDC/SLDC of the same.

4.3.5 In case of failure of meters, energy/UI/DSM accounting for the period shall be as per procedure laid down by Central Commission or as per the mutually agreed procedure in ERPC. In case of absence of any such procedure, the following procedure shall be followed:

In case of failure of Main Meter, readings of Check Meter for the corresponding period shall be considered for energy/ UI accounting. If both the Main and Check Meter(s) fail to record or if any of the PT fuses is blown out, energy shall be computed based on standby meters. In case of dispute, the decision of Member Secretary of the ERPC would be final and binding.

4.3.6 Periodic testing of both Main and Check Meters shall be carried out in the presence of representatives of NTPC and Bihar Discoms as per procedure laid out in CEA (Installation & Operation of Meters) Regulations, 2006 as amended from time to time. For any testing and/ or replacement, notice of seven days will be given.

4.4 ENERGY ACCOUNTING

4.4.1 Both the Parties agree to facilitate issue of Regional Energy Accounts/ Energy account by 1st day of every month.

4.4.2 Regional Energy Account/ Energy account issued by ERPC/ ERLDC/ SLDC or any other Competent Authority shall be binding on all the parties for billing and payment purposes.

4.4.3 Any change in the methodology of Regional Energy Account/ Energy account shall be done only as per the decisions taken in the ERPC forums and the Parties agree to abide by the methodology so finalised.

4.4.4 In case, on commencement of Power flow under this Agreement, the infrastructure for energy accounting is not created by SLDC/ERLDC or any other competent authority or ABT compliant meters are not installed at all outgoing feeders, the energy accounting by SLDC or any other competent authority will be based on following methodology:

The reading of the energy meters shall be taken jointly by the parties and SLDC. Joint meter reading of the meters shall be taken at 12 noon on the first day of each month. In case any of the parties or SLDC is not available for the joint meter readings at the specified time, the meter reading taken by the other party shall be taken in to account

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for the preparation of Energy Accounts. The Energy Accounts issued by SLDC or any other competent authority shall be binding on all the parties for billing and payment purpose.

5.0 TARIFF

5.1 Terms and conditions:

5.1.1 The Tariff and other terms & conditions for the electricity supplied from BTPS Stage-I & Stage-II would be as determined by the Central Commission or such other competent authority from time to time and shall be payable from the date of take-over for BTPS Stage-I and COD of Units of BTPS Stage-II.

5.1.2 Tariff for sale of electricity from the Station shall comprise of Capacity Charge, Energy Charge, Incentive, UI/DSM charges and all other taxes/charges as per Regulations of the Central Commission or any other guidelines as may be applicable from time to time.

The parties agree the following in respect of parameters to be used for tariff determination:

5.1.3 Capital Cost:

BTPS Stage-I

The Capital cost for tariff purpose for BTPS Stage-I shall be the transfer value as determined under Transfer Scheme of Government of Bihar as per the provisions of Section 131 (3)(a) of the Act. Any capital expenditure incurred by NTPC on restoration, refurbishment, meeting environment norms, efficient operation of station, associated studies and other such works shall form the part of capital cost for the purpose of tariff.

BTPS Stage-II

The Capital cost of BTPS Stage-II shall be the transfer value as determined under Transfer Scheme of Government of Bihar as per the provisions of Section 131 (3)(a) of the Act. Any expenditure incurred towards completion of balance works of Stage-II units to render the Stage-II units capable of sustained commercial operation, meeting environment and statutory norms shall form the part of capital cost for the purpose of tariff.

5.1.4 Norms of Operation:

BTPS Stage-I: The norms for Heat Rate, Auxiliary Power Consumption and Specific Oil Consumption, Target Availability for recovery of full annual fixed charges and O&M Expenses during the first year after the date of Asset transfer date shall be at the actuals. Thereafter, these norms shall be as decided by the Central Commission based on the actuals achieved during the past period.

BTPS Stage-II: The norms for Heat Rate, Auxiliary Power Consumption, Specific Oil Consumption, Target Availability for recovery of full annual fixed charges and O&M Expenses shall be as determined by Central Commission.

5.1.5 Depreciation :

BTPS Stage-I: The Capital Cost and any Additional Capital Expenditure required to sustain operation of the units, till they are scrapped would be depreciated within the remaining Useful Life of the station. Useful Life of the Existing Units shall be as determined by RLA studies or as per mutually agreed terms.

BTPS Stage-II: As per Terms and conditions of applicable Tariff Regulations notified by Central Commission.

5.1.6 ADHOC TARIFF

BTPS Stage-I: NTPC shall approach the Central Commission for determination of Tariff for the station. In case the Tariff determination by the Central Commission is pending for any reason at the commencement of commercial operation/takeover of such unit of the Station, the Parties agree that billing and payment shall be done on adhoc basis as per the Tariff proposal of NTPC submitted to Central Commission or Tariff based on past performance till the proposal is submitted. NTPC shall inform Bihar Discoms of such adhoc tariff and pending determination of such Tariff by Central Commission, billing on provisional basis shall be done , subject to retrospective adjustment along with applicable interest as and when such Tariff is determined by Central Commission.

BTPS Stage-II: NTPC shall approach Central Commission for determination of Tariff for BTPS Stage-II. In case the Tariff determination by the Central Commission is pending for any reason at the commercial operation of such unit of the Station, the Parties agree that billing and payment shall be done on adhoc basis as per the proposal of NTPC submitted to Central Commission for Tariff. NTPC shall inform Bihar Discoms of such adhoc tariff and pending determination of such Tariff by Central Commission, billing on provisional basis would be carried out, subject to retrospective adjustment along with applicable interest as and when such Tariff is determined by Central Commission.

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5.2 SALE OF INFIRM ELECTRICITY:

Infirm electricity, i.e., sale of electricity prior to commercial operation of the unit to the Bihar DISCOMS , will be billed by NTPC based on methodology as notified by Central Commission from time to time.

5.3 TAXES, LEVIES, DUTIES, ROYALTY, CESS ETC.

5.3.1 Tax on Income: Income Tax applicable for the sale of power under this Agreement shall be governed by the applicable Regulations of the Central Commission and the parties agree to abide by and comply with such Regulations.

5.3.2 Statutory taxes, levies, duties, royalty, cess or any other kind of levies imposed/charged by any Government (Central/State) and/or any other local bodies/authorities on generation of electricity including auxiliary consumption or any other type of consumption including but not limited to water, environment protection, sale of electricity and/or in respect of any of its installations associated with the Station payable by NTPC to the authorities concerned shall be borne and additionally paid by the Bihar Discoms to NTPC.

6.0 BILLING AND PAYMENT

6.1 BILLING:

6.1.1 The Charges for Supply of Electricity under this Agreement shall be billed by NTPC as per the tariff as determined from time to time by the Central Commission and the same shall be paid by the Bihar Discoms in accordance with the following provisions:

6.1.2 NTPC shall present the bills to Bihar Discoms for energy supplied from the Station for the previous month based on Regional Energy Account / Energy Account issued by ERPC/ ERLDC/ SLDC or any other Competent Authority.

6.1.3 Billing Centre of NTPC shall carry out billing and associated functions. NTPC would submit the bills to the officer to be nominated by Bihar Discoms.

6.1.4 The Monthly Bill for the Station shall include the Charges for Supply of Electricity under this Agreement, taxes, duties, cess etc including additional bill (s) for the past period(s) on account of orders of the Central Commission/Appellate Tribunal for Electricity/Other Courts/Other Competent Authority(ies). If for certain reasons some of the charges which otherwise are in accordance with this Agreement, cannot be included in the main Monthly Bills, such charges shall be billed as soon as possible through Supplementary Bill(s).

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6.1.5 Bihar Discoms shall arrange payment of such Monthly Bill(s)/Supplementary Bill(s) directly or promptly through LC at the designated account of NTPC. The date of transfer of payment to designated NTPC account shall be considered as the date of payment for computation of rebate or late payment of surcharge in respect of such payment. The bill(s) of NTPC shall be paid in full subject to the condition that-

- i) there is no apparent arithmetical error in the bill(s)
- ii) the bill(s) is/are prepared in accordance with the tariff as in Article 5.
- iii) they are in accordance with the Regional Energy Accounts/ Energy Account issued by ERPC/ERLDC/SLDC or any other Competent Authority.

6.1.6 All payments made by the Bihar Discoms, shall be appropriated by NTPC for amounts due from the Bihar Discoms in the following order of priority:

- i) towards Late Payment Surcharge, payable if any;
- ii) towards earlier unpaid monthly bill (s), if any; and
- iii) towards the statutory dues like income tax, other tax, royalty etc in the current bill (s).
- iv) towards other charges in current Monthly Bill

6.1.7 In case Bihar Discoms disputes any amount, even then, it shall pay 95% of the disputed amount forthwith and file a written objection with NTPC within 60 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.

Provided that non-acceptance of tariffs determined/approved by the Central Commission or any other Competent Authority or pendency if any Appeal or other Proceedings challenging the determination of such Tariff shall not be a valid ground for dispute.

6.1.8 The amount of excess/shortfall with respect to the said 95% payment based on finally determined amount in line with Article 5.0 shall be paid/ adjusted with interest @ 18% (Eighteen percent) per annum from the date on which the amount in dispute was payable/ refundable.

6.1.9 QUATERLY RECONCILIATION

The Parties acknowledge that all payments made against Monthly bills and Supplementary bills shall be subject to quarterly reconciliation at the beginning of the

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following quarter to take into account - Energy Accounts, Tariff Adjustment, Payments, Late Payment Surcharge or any other reasonable circumstances provided under this Agreement. The Parties, therefore, agree that as soon as all such data in respect of any quarter has been finally verified and adjusted, NTPC and Bihar Discoms shall jointly sign such reconciliation statement. On the basis of the statement suitable adjustment (if any) in payments shall be done.

6.1.10 REBATE AND LATE PAYMENT SURCHARGE

Rebate and Late Payment Surcharge shall be as per Terms and Conditions of Tariff issued by Central Commission from time to time or any other rebate scheme specifically agreed by both parties in writing. No rebate shall be payable on the bills raised on account of taxes, duties, royalty / cess etc.

6.2 ESTABLISHMENT OF LETTER OF CREDIT (LC) AND PAYMENT SECURITY MECHANISM:

6.2.1 Bihar Discoms shall establish one or more LC in favour of NTPC with any public sector / scheduled bank at least one month prior to the commencement of electricity supply from the BTPS Station.

6.2.2 The LC shall cover 105% of the one month's billing in respect of electricity supplied from all the stations of NTPC including BTPS Station to Bihar Discoms. Initially the LC amount would be based on the estimated tariff.

6.2.3 The amount of LC shall be reviewed each half-year commencing April and October in a financial year on the basis of the average of billing of previous 12 months and the LC amount shall be enhanced/reduced accordingly not later than 1st July and 1st January respectively of the same financial year.

6.2.4 The LCs shall be established for a minimum period of one year. Bihar Discoms shall ensure that LC remains valid at all times during the entire/ extended validity of this Agreement. LC shall be reinstated not later than 30 days prior of expiry of existing LCs.

6.2.5 LC shall specify the manner and dates when bill(s) can be presented to Bank by NTPC. The bills so presented by NTPC to the Bank shall be promptly paid on their presentation through Electronic Fund Transfer or other mutually acceptable instrument(s).

6.2.6 All costs relating to opening and maintenance and negotiation of LC shall be borne by the Bihar Discoms.

6.2.7 In case of drawl of the LC amount by NTPC in accordance with the terms of this Article,

the amount of the LC shall be reinstated automatically not later than 7 days.

6.2.8 Provisions of Tripartite Agreement signed between Govt. of Bihar, Govt. of India and Reserve Bank of India shall be applicable for supply of electricity from this station and for safeguarding payments for the same. Bihar Discoms hereby agree to provide an alternative payment security arrangement before expiry of the TPA either by efflux of time or otherwise on assignment of bulk purchase function to a company not owned or controlled by Govt. of Bihar in the form of Escrow Arrangement as a back up to the Letter of Credit. Under this arrangement an Escrow Account in favour of NTPC shall be established through which the Receivables of Bihar Discoms to the extent required for the payment of dues of NTPC under this Agreement shall be routed as per the terms of Escrow Agreement. Bihar Discoms hereby agrees that NTPC will have first charge on Receivables of Bihar Discoms. However, such first ranking charge shall be on the amounts, in excess of amounts, which have already been charged or agreed to be charged prior to the date of the execution of this Agreement and as listed in the schedule enclosed with this Agreement. Bihar Discoms agrees to enter into a separate 'Agreement to Hypothecate Cum Deed of Hypothecation' whereby, Bihar Discoms shall hypothecate Receivables to the extent required for Payment of dues of NTPC by Bihar Discoms including under this Agreement by creation of first charge in favour of NTPC. These Receivables shall be routed through Escrow Account for payment to NTPC in case of default in payments by Bihar Discoms.

6.2.9 The Escrow Agreement and Agreement to Hypothecate Cum Deed of Hypothecation shall be established by Bihar Discoms to the satisfaction of NTPC at least one year before the expiry of the TPA. In the event, Bihar Discoms does not sign the 'Escrow Agreement' and 'Agreement to Hypothecate Cum Deed of Hypothecation' at least 3 months before the expiry of TPA or Bihar Discoms creates any superior charge in favour of any other party on its Receivables, NTPC shall have the right to reallocate contracted capacity of Bihar Discoms to other customers. In case of termination of this Agreement or reallocation of capacity due to reasons stated above, Bihar Discoms shall be liable to pay capacity charges for such capacity till the capacity is reallocated.

The parties duly agree that as the payments from Bihar Discoms are currently secured as per the provisions of the TPA, establishing of Escrow Arrangement is not being insisted upon by NTPC presently. Bihar Discoms and NTPC agree that this Agreement shall be deemed to have created a legally binding first charge on Bihar Discoms's Receivables in favour of NTPC. Accordingly, Bihar Discoms may not create any encumbrance, charge, and lien or otherwise execute any instrument which in any way affects the first charge over the Receivables. While creating any subsequent charge on its Receivables or agreeing to provide Escrow cover or any other form of payment security to any other entities like electricity supplier(s), banks, financial institutions etc. during the interim period till signing of Escrow Agreement with NTPC, Bihar Discoms shall duly inform such electricity supplier(s), banks, financial institutions etc. of the legally binding first charge on Bihar Discoms's Receivables in favour of NTPC and the first charge of NTPC shall be in reference to any other charge that Bihar Discoms may create in favour of any other party.

Except for the provisions of this Agreement other terms and conditions for operation of "Escrow Agreement" and "Agreement to Hypothecate Cum Deed of Hypothecation" shall be in the format as prescribed by Government of India in the "Standard Bidding Document (Case II)" as used for competitively bid Ultra Mega Power Projects.

Bihar Discoms agree to ensure that the successor entities of Bihar Discoms are duly notified of the above arrangement with NTPC and shall be bound by the terms of this Agreement as if they are parties to this Agreement.

6.2.10 Notwithstanding the obligations of Bihar Discoms to pay all the dues as per this Agreement, in the event of default in opening of LC of requisite amount in favour of NTPC or non-payment of bills within a period of 60 days of billing, NTPC shall be entitled to regulate/divert the contracted capacity of the Bihar Discoms to any other Bulk Power Customer(s)/ Third Party(ies) as per the provisions of generic procedure for Regulation of power supply issued by Central Commission or any other competent authority from time to time read with the provisions of TPA (during the validity of TPA) till the time default is set right.

In case of default in payment of bills beyond a period of 90 days of billing, NTPC shall have the right to re-allocate power to other Bulk Power Customer(s).

It is clarified that the above arrangement shall not be construed as relieving Bihar Discoms of any of its obligations to NTPC including obligation of payment of Capacity Charges.

For the removal of any doubt it is clarified that in case of default, Bihar Discoms shall continue to be liable to pay the Capacity Charges in proportion to their Contracted Capacity during the period of regulation / diversion of capacity or till the capacity is re-allocated to other Bulk Power Customer(s)/ Third Party (ies).

7.0 SETTLEMENT OF DISPUTES

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

7.2 ADJUDICATION

7.2.1 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, the same shall be subject to adjudication by the Central Commission as per the provisions of the Electricity Act, 2003.

8.0 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 such a failure is

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due to force majeure events such as war, rebellion, mutiny, civil commotion, riot, strike, lock-out, forces of nature, accident, act of God or any other such 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/drawl 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.

9.0 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 Agreement 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. Any other nomination of authorised representative(s) shall be informed likewise in writing to/by Bihar Discoms within one month of signing of the Agreement. Notwithstanding any nomination, the Regional Executive Director, ERHQ-1, NTPC Ltd., 2nd Floor, Lok Nayak Jaiprakash Bhawan, Dak Bunglow Chowk, Patna-800001 as well as Executive Director (Commercial), NTPC Ltd., NTPC Bhawan, Core 7, SCOPE Complex, 7, Institutional Area, Lodhi Road, NewDelhi-110 003 or their authorised representative(s) at its Registered Office first abovementioned shall be authorised to act severally for and on behalf of NTPC.

10.0 NOTICE

All notices required or referred to under this Agreement shall be in writing and 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 given if delivered or served by registered mail/speed post of Department of Posts with an acknowledgement due to the other parties in terms of IMPLEMENTATION OF THE AGREEMENT at Article 9.0 above.

11.0 EFFECTIVE DATE AND DURATION OF AGREEMENT

The agreement shall come into effect for all purposes and intent from the date of signing of the Agreement. Subject to the establishment and continuance of payment security as envisaged under Article 6.2 under ESTABLISHMENT OF LETTER OF CREDIT (LC) AND PAYMENT SECURITY MECHANISM, Agreement shall remain operative up to completion of twenty five (25) years from the date of commercial operation of last unit of the station provided that this Agreement may be mutually extended, renewed or replaced by another agreement on such terms and conditions for such further period as the parties may mutually agree. In case Bihar Discoms continue to get power from BTPS

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station even after expiry of this Agreement without further renewal or formal extension, thereof, then all the provisions of this Agreement shall continue to operate till this Agreement is formally reviewed, extended or replaced.

12.0 SUCCESSORS AND PERMITTED ASSIGNS

- 12.1 In case the functions of Bihar Discoms are reorganised and/or this Agreement is assigned to other organisation(s)/agency (ies), partly or wholly, the Agreement shall be binding mutatis mutandis upon the successors organisation(s)/agency(ies)/ entities and shall continue to remain valid with respect to the obligations of the successors organisation(s)/agency(ies)/ entities provided that the successors organisation(s)/agency(ies) is/are owned or controlled by the Government of Bihar.
- 12.2 In the event the functions of Bihar Discoms are reorganised and/or privatised or this Agreement is assigned to Private organisation(s)/agency(ies), partly or wholly, Bihar Discoms shall ensure that the agreement namely 'Escrow Agreement' and 'Agreement to Hypothecate Cum Deed of Hypothecation' as mentioned at Article 6.2 under ESTABLISHMENT OF LETTER OF CREDIT (LC) AND PAYMENT SECURITY MECHANISM are signed by the assignee before assignment of this Agreement.
- 12.3 Only such of the successors entities who fulfil the above requirements and execute the requisite documents as above shall be termed as the permitted assigns.
- 12.4 In other cases, NTPC shall have the right to terminate this Agreement. In the event of termination of this Agreement, Bihar Discoms shall be liable and continue to pay the Capacity Charges each month till firm arrangement for sale of Bihar Discoms's share with alternate customers substituting the Bihar Discoms is tied up.

13. Termination of existing PPA;

With the execution of this Amended and Restated PPA, all the previous Agreements/understanding between the Bihar Discoms and BSPGCL shall stand terminated in so far as NTPC is concerned and shall not for any purpose or Intent endure to the benefit of the Bihar DISCOMS vi's a vis NTPC. All pending and outstanding issues between Bihar Discoms and BSPGCL or any other person in regard to the PPA existing prior to the execution, of this Agreement shall be entirely between the said parties and NTPC shall, not in any manner be responsible for the same except to the extent mentioned in the Transfer Scheme notified for transfer and vesting of the Station in NTPC. This Agreement read with the provisions of the MOU and the Transfer Scheme shall constitute the entire agreement between the parties to this Agreement

IN WITNESS WHEREOF the parties have executed these presents through their Authorised Representatives on the date mentioned above.

WITNESS

1. *[Signature]*
DGM (COMM)
NTPC LTD, ER-214

[Signature]
For and on behalf of
NTPC Ltd.

कृष्ण कुमार सिन्हा
KRISHNA KUMAR SINHA
सहप्रबन्धक (व्यापारिक)
General Manager (Commercial)
एनटीपीसी लिमिटेड / NTPC Limited
फ्लोर-5, एनपीसी टावर / Cors-5, 3rd Floor
स्कोप कॉम्प्लेक्स / SCOPE Complex
लोधी रोड, नई दिल्ली-3 / Lodhi Road, New Delhi-3

2. *[Signature]*
ESE (Comm)
NBPDC

[Signature]
For and on behalf of
KANIK RAM
Director (Operation)
NBPDC PATNA

3. *[Signature]*
ESE / Comm
SBPDCL

[Signature]
For and on behalf of
SBPDCL (VIJAY KUMAR)
C.E. Commercial
CE. COM.
SBPDCL

Annexure - D

ER. ARVIND KUMAR (CIVIL)

Engineer, Planner, Builder
Govt. Regd. & Approved Valuer
(Under Wealth Tax Act-Income Tax Valuer)
Reg. No. 173/2003-04
Membership of Institution of Valuer - F-21687
P.M.C. Regd. Engineer - Lic No.- 40/94
Danapur Nagar Parishad- Lic No.- 10/12-13

207, 2nd Floor, N.P. Centre
Near Dakbungalow Chowk,
Ph. : 0812-2216911 (Off)
Mob. : 9431491911, 9905013131
E-mail : omdeveloper8@gmail.com

Sunday, April 21, 2019

To

AGM Finance,
Barauni Thermal Power Station
A Unit of NTPC Limited
Barauni
Begusarai

Ref.: PO No Fin-2018-19/12

Sub: Submission of the Fair Valuation Report of Barauni Thermal Power Station

Dear Sir,

Refer terms of our appointment to conduct the fair valuation of Fixed assets and Capital Work in progress acquired by the Company from Bihar State Power Generation Company Limited relating to under construction unit of 2x250 MW and two units under R&M 2x110 MW.

We are submitting the final report as attached.

Thanking You,

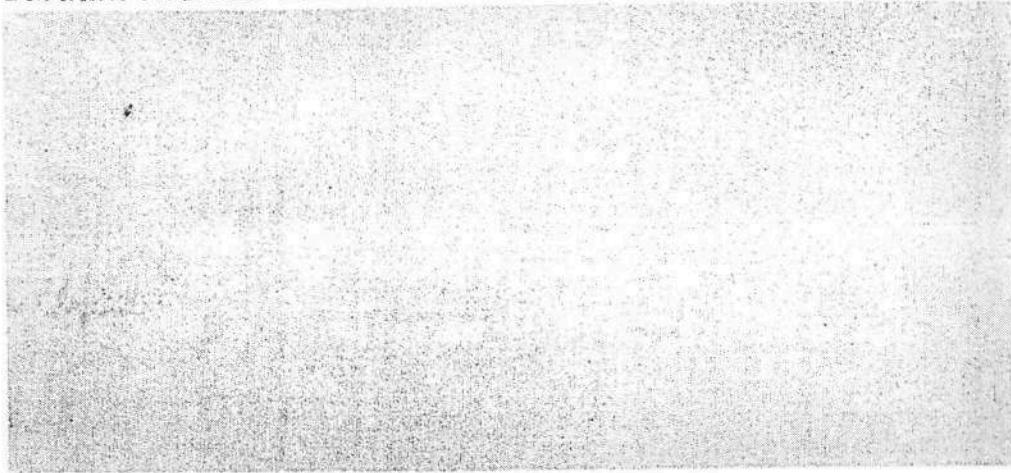
Arvind Kumar
ER. ARVIND KUMAR
(CHARTERED ENGINEER)
ENGINEER, VALUER, PLANNER, BUILDER
ER. ARVIND KUMAR (CIVIL)
Govt. Regd. & Approved Valuer
Mob-9431491911,9905013131.
(Under Wealth Tax Act-Income Tax Valuer)
E-Mail-omdeveloper8@gmail.com
Reg.no.173/2003-04,
Membership of Institution of Valuer-F:21687
Immovable Property
P.M.C.Regd.Engineer-Lic.no-40/94
Address:
207 2nd Floor N.P. Center, Near Dak Bungalow Chowk, Patna

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Fair Valuation Report

Barauni Thermal Power Station



Country	India
Location	Bihar
Coordinates	The site is located at Latitude 25° 23' 36" N and Longitude 86 ° 1' 36" E about 8 KM from Barauni Town. It lies on the east of Barauni- Mokama Section of National Highway (NH- 31). BTPS site is well connected by means of dedicated broad-gauge railway siding on Barauni - Mokama Line of EC railways.
Status	Operational 220 Under Expansion 500 MW
Commission date	1983 & 1985 - 2 x 110 MW
Operator(s)	NTPC Limited
Primary fuel	Coal
Secondary fuel	Light Diesel Oil
Power generation	
Units	Operational (Under R&M) 2 X 110 MW ,(Expansion) 2X 250 W
Total capacity	720 MW

Ar
al
ER. ARVIND KUMAR
(CHARTERED ENGINEER)
ENGINEER, VALUER, PLANNER, BUYER

Chapter -1

BACKGROUND

NTPC Limited acquired assets and liabilities of Barauni Thermal Power Station from Bihar State Power Generation Company (A Government of Bihar Undertaking- here in after referred as "BSPGCL") having 2x110 MW under R&M (Stage -I Unit 6&7) and 2x250 MW under construction (Stage-II -Unit 8 & 9) as per transfer scheme 'The Bihar Power Generation Undertakings Transfer Scheme,2018', with effect from effective date 15th day of December 2018 as notified.

1.01 THE ASSIGNMENT

The Company appointed us to assess the fair value of the assets acquired as on the 15TH Dec. 2018.

Our report has been prepared solely for the Management of for internal benefit and use, in connection with the objective outlined above. The Management may share the report with the Board of Directors and the statutory auditors and other committee of the Board. The information shall be provided to auditors only for information purposes in connection with their statutory audit and is not a substitute for their own independent audit procedures.

Further it may be noted that we accepts no responsibility or liability for damage arising from any other use or purpose. Our report is not to be used, referred to or distributed for any other purpose or to any other person without our written permission. We will not accept any liability to any other third party to whom our report is produced/ shown or in whose hands it may come. We shall not be called upon to prove or defend the fair Value Analysis in any forum within the scope of the present engagement.

In the event, that you wish to share our report, or findings thereof with any third party, it shall require our written consent. While this consent would not be unreasonably withheld, we would require a hold harmless letter in a form expressly agreed by us from each such party, to whom the report is proposed to be given.

1.02 VALUATION OF ASSETS COVERED UNDER THE SCOPE

2 Units 250 mw = 500 MW and 2 Units 110 MW =220 MW, Total Capacity 720 MW.

The unit/station unit of the Company will be under Regulatory Control of the Central Electricity Regulatory Commission(CERC) for determination of the tariff and capital cost after acquisition by NTPC Limited.

1.03 OWNERSHIP


Earlier, Barauni Thermal Power Station (BTPS) was under Bihar State Power Generation Company Ltd. having 9 (nine) numbers of generating Units out of which five units (3x15 MW + 2x50 MW) were retired and removed from service. Out of the four remaining units, Unit no. 6 & 7 (2x 110 MW) was under Renovation and Modernisation (R&M) whereas Unit no. 8 and Unit no.9 (2x 250 MW) was under construction. The generating assets of the electricity Board were transferred to Bihar State Power Generation Company Limited. In March 2018,

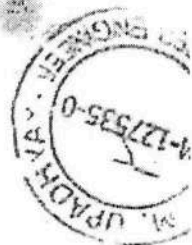
Ad
ER. ARVIND KUMAR
(CHARTERED ENGINEER)
ENGINEER, VALUER, PLANNER / 20

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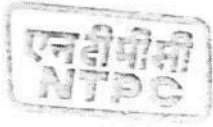
SUMMARY OF VALUATION OF ASSETS OF STAGE - I

Particulars	Reference	Common Assets	Rs. in Lakh	
			Unit - 7	Unit - 6
Township assets earmarked to Stage - I	As per Annexure - D	138.78		
PART - I Fair Valuation of existing plant & Machinery and Plant Building :				
		54.76	1478.38	1478.38
PART - II Renovation & Modernisation Cost incurred and fair value assessment thereof :				
		98.87	5299.17	5299.17
TOTAL		292.41	6777.55	6777.55
GRAND TOTAL	Rs. in Lakh			13847.51


E.P. ARVIND KUMAR
 (Chartered Engineer)
 Engineer (Value), PUNJAB ENGINEERING BOARD



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Annexure - E

एनटीपीसी लिमिटेड
(भारत सरकार का उद्यम)

NTPC Limited
(A Govt. of India Enterprise)

केन्द्रीय कार्यालय/ Corporate Centre

Ref. No.01:CD:433

Date: 06.01.2020

To,
The Secretary,
Central Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building
36, Janpath
New Delhi-110001.



Subject: Regarding adjustment of excess Tariff Filing Fees paid in Tariff Pet No 130/GT/2014, Barh Super Thermal Power Station, Stage - II (1320 MW) for the period from 15.11.2014 to 31.03.2019.

Dear Sir,

The petitioner had filed Tariff Petition No 130/GT/2014 based on COD of Unit-IV as 15.11.2014. However the COD of Unit-IV was revised to 08.03.2016 from 15.11.2014 vide Hon'ble Commission order dtd 20.09.2017 in Petition No. 130/MP/2015. Accordingly the excess fees paid by the petitioner for the period 15.11.2014 to 07.03.2016 for Unit-IV (660 MW) amounting to Rs 38,11000/- (Details attached) needs to be adjusted.

The excess fees of Rs 38,11000/- may be made free and adjusted against fees for Barh Stage-II and other petitions as and when filed by NTPC.

Thanking you,

Yours faithfully,

(Rajnish Bhagat)

Executive Director (Commercial)

Encl: as above

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BARAUNI TPS

BALANCE SHEET

(Amount in ₹)

As at	Note	31.03.2019	31.03.2018
001	ASSETS	0.00	0.00
002		0.00	0.00
003	Non-Current Assets	0.00	0.00
004	Property, plant and equipment	2 691,270,021.48	0.00
005	Capital-Work-in-Progress	3 25,977,351,154.93	0.00
006	Intangible Assets	4 0.00	0.00
007	Intangible Assets under Development	5 0.00	0.00
008	Investments in Subsidiaries and Joint Ventures	6 0.00	0.00
009	Financial Assets	0.00	0.00
010	i) Investments	7 0.00	0.00
011	ii) Trade receivables	8 0.00	0.00
012	iii) Loans	9 11,355,833.41	0.00
013	iv) Other financial assets	10 0.00	0.00
014	Other non-current assets	11 864,801,096.14	0.00
015	Total non-current assets	27,544,778,105.96	0.00
016		0.00	0.00
017	Current Assets	0.00	0.00
018	Inventories	12 180,144,996.83	0.00
019	Financial assets	0.00	0.00
020	i) Investments	13 0.00	0.00
021	ii) Trade receivables	14 0.00	0.00
022	iii) Cash and cash equivalents	15 0.00	0.00
023	iv) Bank balances other than cash and cash equivalents	16 0.00	0.00
024	v) Loans	17 5,416,948.68	0.00
025	vi) Other financial assets	18 2,199,769.48	0.00
026		0.00	0.00
027	Other Current Assets	19 181,631,283.37	0.00
028		0.00	0.00
029		0.00	0.00
030	Total Current Assets	369,392,998.36	0.00
031	Regulatory deferral account debit balances	20 -22,046,453.00	0.00
032	TOTAL ASSETS	27,892,124,651.32	0.00
034	EQUITY AND LIABILITIES	0.00	0.00
035	Equity	0.00	0.00
036	Equity Share capital	21 0.00	0.00
037	Other equity	22 -48,032,882.60	0.00
038	Total equity	-48,032,882.60	0.00
039		0.00	0.00
040	Liabilities	0.00	0.00
041	Non-Current Liabilities	0.00	0.00
042	Financial liabilities	0.00	0.00
043	i) Borrowings	23 0.00	0.00

BARAUNI TPS

BALANCE SHEET

(Amount in ₹)

As at	Note	31.03.2019	31.03.2018
044 ii) Trade payables	24	0.00	0.00
045 - Total outstanding dues of micro and small enterprises		0.00	0.00
046 - Total outstanding dues of creditors other than micro and small enterprises		0.00	0.00
047 iii) Other financial liabilities	25	0.00	0.00
048 Provisions	26	0.00	0.00
049 Deferred Tax Liabilities (net)	27	0.00	0.00
050 Other non-current liabilities	28	0.00	0.00
051		0.00	0.00
052 Total non-current liabilities		0.00	0.00
053		0.00	0.00
054 Current Liabilities		0.00	0.00
055 Financial liabilities		0.00	0.00
056 i) Borrowings	29	0.00	0.00
057 ii) Trade Payables	30	0.00	0.00
058 - Total outstanding dues of micro and small enterprises		1,625,949.00	0.00
059 - Total outstanding dues of creditors other than micro and small enterprises		220,797,135.75	0.00
060 iii) Other financial liabilities	31	4,410,165,818.48	0.00
061 Other current liabilities	32	6,233,544.00	0.00
062 Provisions	33	0.00	0.00
063 Current tax liabilities (net)	34	0.00	0.00
064		0.00	0.00
065 Sub Total		4,638,822,447.23	0.00
066		0.00	0.00
067 Deferred Revenue	35	0.00	0.00
068 Regulatory deferral account credit balances	36	0.00	0.00
069 Inter Unit Accounts		23,301,335,086.69	0.00
070		0.00	0.00
071 TOTAL EQUITY AND LIABILITIES		27,892,124,651.32	0.00
072 Significant Accounting Policies as per Note 1	1	0.00	0.00
073		0.00	0.00
074 The accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00
075		0.00	0.00
076		0.00	0.00

(Auditor Initial & Stamp)


(Head of Finance)


अमरेन्द्र कुमार / AMARENDRA KUMAR
 अपर महाप्रबंधक (वित्त) / Addl. General Manager (Finance)
 एनटीपीसी लि०, बरौनी / NTPC LTD., Barauni
 बेगूसराय-851116 / Begusarai-851116

(Head of Unit)


प्रशांत कश्यप / PRASHANT KASHYAP
 मुख्य महाप्रबंधक / Chief General Manager
 एनटीपीसी लि०, बरौनी / NTPC LTD. Barauni
 बेगूसराय-851116 / BEGUSARAI-851116

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BARAUNI TPS

STATEMENT OF PROFIT AND LOSS

(Amount in ₹)

	For the Year ended	Note	31.03.2019	31.03.2018
001	Revenue		0.00	0.00
002	Revenue from operations	37	0.00	0.00
003	Other income	38	672,842.17	0.00
005	Total Revenue		672,842.17	0.00
007	Expenses		0.00	0.00
008	Fuel		0.00	0.00
009	Employee benefits expense	39	18,518,728.52	0.00
010	Electricity Purchased		0.00	0.00
011	Finance costs	40	7,603,042.00	0.00
012	Depreciation, amortization and impairment expense	41	15,935,481.43	0.00
013			0.00	0.00
014	Other expenses	42	-16,244,339.91	0.00
015	CC expenses charge to revenue		820,023.28	0.00
016	Less: Unit expenses transferred to CC		0.00	0.00
017	Total expenses		26,632,935.32	0.00
020	Profit before exceptional items & tax		-25,960,093.15	0.00
021	Exceptional items		0.00	0.00
022	Profit before tax		-25,960,093.15	0.00
023	Tax expense:		0.00	0.00
024	Current tax		0.00	0.00
025	Deferred tax		0.00	0.00
027			0.00	0.00
028	Total Tax expense		0.00	0.00
029	Profit for the period before regulatory deferral account balances		-25,960,093.15	0.00
030	Movement in regulatory deferral account balances		0.00	0.00
031	Deferred asset for deferred Tax Liability		0.00	0.00
032	Others		-22,046,453.00	0.00
033	Tax impact on Other regulatory deferral account balances		0.00	0.00
034	Movement in Regulatory deferral account balances (Net of Tax)		-22,046,453.00	0.00
035	Profit for the period/ year		-48,006,546.15	0.00
050	Earnings per equity share:		0.00	0.00
051	Basic & Diluted	1	0.00	0.00
053	Significant Accounting Policies		0.00	0.00
054	Expenditure during construction period (Net)/Dev. of coal mines (net) 43 /43A		0.00	0.00
055	The accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00



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अमरेन्द्र कुमार / AMARENDRA KUMAR
अपर महाप्रबन्धक (वित्त) / Addl. General Manager (Finance)
एनटीपीसी लि०, बरौनी / NTPC LTD., Barauni
बेगूसराय-851116 / Begusarai-851116

प्रशांत करयप / P. Karayap
मुख्य महाप्रबन्धक / Chief General Manager
एनटीपीसी लि०, बरौनी / NTPC LTD., Barauni
बेगूसराय-851116 / BEGUSARAI-851116



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A Maharatna Company

BARAUNI TPS

OTHER COMPREHENSIVE INCOME

(Amount in ₹)

For the Year ended	31.03.2019	31.03.2018
001	0.00	0.00
002 Other comprehensive income	0.00	0.00
003 (A) Items that will not be reclassified to profit or loss	0.00	0.00
004 - Net gains/(losses) on fair value of equity instruments through other comprehensive income	0.00	0.00
005 Income tax on above that will not be reclassified to profit or loss	0.00	0.00
006 - Net actuarial gains/(losses) on defined benefit plans	-26,336.45	0.00
007 Income tax on above that will not be reclassified to profit or loss	0.00	0.00
008	0.00	0.00
009 (B) Items that will be reclassified to profit or loss	0.00	0.00
010 Income tax relating to above items that will be reclassified to profit or loss	0.00	0.00
011	0.00	0.00
012 Other comprehensive income for the year, net of income tax	-26,336.45	0.00
013	0.00	0.00
014 Total comprehensive income for the year (A+B)	-26,336.45	0.00



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अमरेन्द्र कुमार / AMARENDRA KUMAR
अपर महाप्रबंधक (वित्त) / Asst. Manager (Finance)
एनटीपीसी लि. बरेली, उत्तर प्रदेश, भारत / NTPC LTD, Barauni
बेगूसराय-851116 / begusarai-851116

Draft Significant Accounting Policies – 2018-19

1. Company Information and Significant Accounting Policies

A. Reporting entity

NTPC Limited (the “Company”) is a Company domiciled in India and limited by shares (CIN: L40101DL1975GOI007966). The shares of the Company are publicly traded on the National Stock Exchange of India Limited and BSE Limited. The address of the Company’s registered office is NTPC Bhawan, SCOPE Complex, 7 Institutional Area, Lodi Road, New Delhi - 110003. The Company is primarily involved in the generation and sale of bulk power to State Power Utilities. Other business includes providing consultancy, project management & supervision, energy trading, oil & gas exploration and coal mining.

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) notified under the Companies (Indian Accounting Standards) Rules, 2015 and subsequent amendments thereto, the Companies Act, 2013 (to the extent notified and applicable), applicable provisions of the Companies Act, 1956, 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 _____.

2. Basis of measurement

The financial statements have been prepared on the historical cost basis except for:

- Certain financial assets and liabilities (including derivative instruments) that are measured at fair value (refer accounting policy regarding financial instruments); and
- Plan assets in the case of employees defined benefit plans that are measured at fair value.

The methods used to measure fair values are discussed in notes to the financial statements.

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 crore (upto two decimals), except as stated 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 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 current when:



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- 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.

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 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. Subsequent measurement is done at cost less accumulated depreciation/amortization and accumulated impairment losses. Cost includes expenditure that is 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.

When parts of an item of property, plant and equipment 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 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.

Expenditure on major inspection and overhauls of generating unit is capitalized, when it meets the asset recognition criteria.

The cost of replacing part of an item of property, plant and equipment is recognized in the carrying



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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. 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 by comparing the proceeds from disposal, if any, with the carrying amount of property, plant and equipment, and are recognized in the statement of profit and loss.

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. Leased assets are depreciated over the shorter of the lease term and their useful lives unless it is reasonably certain that the Company will obtain ownership by the end of the lease term.

Depreciation on the assets of the generation of electricity business and on the assets of Corporate & other offices is charged on straight-line method following the rates and methodology notified by the CERC Tariff Regulations in accordance with Schedule II of the Companies Act, 2013.

Depreciation on the assets of the coal mining, oil & gas exploration and consultancy business is charged on straight-line method following the useful life specified in Schedule II of the Companies Act, 2013 except for the assets referred in policy no. C.6.

Depreciation on the following assets is provided on their estimated useful life ascertained on 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 equipments, display devices viz. projectors, screens, CCTV, audio video conferencing systems and other communication equipments	6 years
h) Energy saving electrical appliances and fittings	2-7 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.

Leasehold land and buildings relating to generation of electricity business 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.

Leasehold land and buildings relating to corporate and other offices are fully amortized over lease period or twenty-five years whichever is lower following the rates and methodology notified by the



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CERC Tariff Regulations.

Land acquired for mining business under Coal Bearing Areas (Acquisition & Development) Act, 1957 is amortized on the basis of balance useful life of the project. Other leasehold land acquired for mining business is amortized over the lease period or balance life of the project whichever is less.

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/disposed.

Where the cost of depreciable assets has undergone a change during the year due to increase/decrease in long-term liabilities 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 cost incurred will flow to the enterprise and the cost of the item can be measured reliably, subsequent expenditure on a PPE along-with its unamortized depreciable amount is charged off prospectively over the revised useful life determined by technical assessment.

In circumstance, where a property is abandoned, the cumulative capitalized costs relating to the property are written off in the same period.

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

2. 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.

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.

3. Intangible assets and intangible assets under development

3.1. 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 incidental expenses necessary to make the assets ready for its intended use.

Expenditure on development activities is capitalized only if the expenditure can be measured reliably, the product or process is technically and commercially feasible, future economic benefits are probable and the Company intends to & has sufficient resources to complete development and to use or sell the asset.



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Expenditure incurred which are eligible for capitalizations under intangible assets are carried as intangible assets under development till they are ready for their intended use.

3.2. 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.

3.3. De-recognition

An intangible asset is derecognized when no future economic benefits are expected from their use or upon their disposal. Gains & losses on de-recognition of an item of intangible assets are determined by comparing the proceeds from disposal, if any, with the carrying amount of intangible assets and are recognized in the statement of profit and loss.

3.4. 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.

4. 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 from 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.

5. Exploration for and evaluation of mineral resources

5.1. Oil and gas exploration costs

All exploration costs incurred in drilling and equipping exploratory and appraisal wells, cost of drilling exploratory type stratigraphic test wells are initially capitalized as 'Exploratory wells-in-progress' till the time these are either transferred to oil and gas assets on completion or expensed as exploration cost (including allocated depreciation) as and when determined to be dry or of no further use, as the case may be.

Costs of exploratory wells are not carried over unless it could be reasonably demonstrated that there are indications of sufficient quantity of reserves and sufficient progress is being made in assessing the reserves and the economic & operating viability of the project. All such carried over costs are subject to review for impairment as per the policy of the Company.

Cost of surveys and prospecting activities conducted in the search of oil and gas are expensed in the year in which these are incurred.

5.2. Coal mining exploration costs

Exploration and evaluation costs comprise capitalized costs which are attributable to the search for coal, pending the determination of technical feasibility and the assessment of commercial viability of an identified resource which comprises inter-alia the following:



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- researching and analyzing historical exploration data;
- gathering exploration data through topographical, geo chemical and geo physical studies;
- exploratory drilling, trenching and sampling;
- determining & examining the volume and grade of the resource; and
- surveying transportation and infrastructure requirements.

Exploration and evaluation expenditure incurred after obtaining the mining right or the legal right to explore are capitalised as exploration and evaluation assets (intangible assets under development) and stated at cost less impairment. Exploration and evaluation assets are assessed for impairment indicators at least annually.

Exploration and evaluation expenditure incurred prior to obtaining the mining right or the legal right to explore are expensed as incurred.

6. Development expenditure on coal mines

Once proved reserves are determined and development of mines/project is sanctioned, exploration and evaluation assets are transferred to 'Development of coal mines' under Capital work-in-progress. However, if proved reserves are not determined, the exploration and evaluation costs are derecognized.

The development expenditure capitalized is net of value of coal extracted during development phase.

Subsequent expenditure is capitalised only where it either enhances the economic benefits of the development/producing asset or replaces part of the existing development/producing asset. Any remaining costs associated with the part replaced are expensed.

Mines under development are capitalised on occurrence of earliest of the following milestones except when commercial readiness is stated in the project report:

- a) From the beginning of the financial year immediately after the year in which the project achieves physical output of 25% of rated capacity as per approved project report; or
- b) From the beginning of the financial year in which the value of production is more than total expenses; or
- c) 2 years of touching of coal.

On being brought to revenue, the assets under capital work-in-progress are reclassified as a component of property, plant and equipment under 'Mining property'.

Gains and losses on de-recognition of tangible/intangible assets, as referred above, are determined by comparing the proceeds from disposal, if any, with the carrying amount of respective assets and are recognized in the statement of profit and loss.

6.1. Stripping activity expense/adjustment

Expenditure incurred on removal of mine waste materials (overburden) necessary to extract the coal reserves is referred to as stripping cost. The Company has to incur such expenses over the life of the mine as technically estimated.

Cost of stripping is charged on technically evaluated average stripping ratio at each mine with due adjustment for stripping activity asset and ratio-variance account after the mines are brought to revenue.

Net of the balances of stripping activity asset and ratio variance at the Balance Sheet date is shown as 'Stripping activity adjustment' under the head 'Non-current assets/Non-current provisions' as the case may be.

6.2. Mines closure, site restoration and decommissioning obligations

The Company's obligations for land reclamation and decommissioning of structure consist of spending at mines in accordance with the guidelines from Ministry of Coal, Government of India. The Company estimates its obligations for mine closure, site restoration and decommissioning based on the detailed calculation & technical assessment of the amount and



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timing of future cash spending for the required work and provided for as per approved mine closure plan. The estimate of expenses is escalated for inflation and then discounted at a discount rate that reflect current market assessment of the time value of money and risk, such that the amount of provision reflects the present value of expenditure required to settle the obligation. The Company records a corresponding asset under property, plant and equipment associated with the obligation.

The value of the obligation is progressively increased over time as the effect of discounting unwinds and the same is recognized as finance costs.

6.3. Amortization

On being brought to revenue, the mines closure, site restoration and decommissioning obligations are amortized over the balance life of the mine. Mining property is amortized from the year in which the mine is brought under revenue, in 20 years or life of mine whichever is less.

7. Joint operations

The Company has entered into joint arrangements with others for operations in the nature of joint operations. The Company recognizes, on a line-by-line basis its share of the assets, liabilities and expenses of these joint operations as per the arrangement which are accounted based on the respective accounting policies of the Company.

8. Borrowing costs

Borrowing costs consist of (a) interest expense calculated using the effective interest method as described in Ind AS 109 – ‘Financial Instruments’ (b) finance charges in respect of finance leases recognized in accordance with Ind AS 17 – ‘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/exploration/development 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/exploration or erection of the qualifying asset.

Income earned on temporary investment of the borrowings pending their 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.

9. 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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10. 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.

11. 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 in profit or loss on a systematic basis over the useful life of the related asset. 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.

12. Fly ash utilization reserve fund

Proceeds from sale of ash/ash products along-with income on investment of such proceeds 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 any reimbursement.

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.

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 profit or 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 upto 31 March 2016 are adjusted to the carrying cost of property, plant and equipment.

Non-monetary items are measured in terms of historical cost in a foreign currency and translated 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 and trading of energy, consultancy, project management & supervision services and other income. Revenue from other income comprises interest from banks, employees, contractors etc., dividend from investments in joint venture & subsidiary companies, dividend from mutual fund investments, 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 and Ind AS 11. 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 majority of 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 recognises revenue when it transfers control over the products or services 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 of power stations where 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



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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 of power stations where the same have not been notified/approved, incentives/disincentives are accounted for on provisional basis.

Part of revenue from sale of energy is recognized based on the rates, terms & conditions mutually agreed with the beneficiaries and trading of power through power exchanges.

Rebates allowed to beneficiaries as early payment incentives are deducted from the amount of revenue.

Advance against depreciation considered as deferred revenue in earlier years is included in sales, to the extent depreciation recovered in tariff during the year is lower than the corresponding depreciation charged.

Exchange differences arising from settlement/translation of monetary items denominated in foreign currency to the extent recoverable from or payable to the beneficiaries in subsequent periods as per the CERC Tariff Regulations are accounted as 'Regulatory deferred account balances' and adjusted from the year in which the same becomes recoverable/payable.

Exchange differences on account of translation of foreign currency borrowings recognized upto 31 March 2016, recoverable from or payable to the beneficiaries in subsequent periods as per the CERC Tariff Regulations are accounted as 'Deferred foreign currency fluctuation asset'. The increase or decrease in depreciation for the year due to the accounting of such exchange differences as mentioned above is adjusted in depreciation. Fair value changes in respect of forward exchange contracts of derivative contracts recoverable from/payable to the beneficiaries as per the CERC Tariff Regulations, are recognized in sales.

15.2. Revenue from services

Revenue from consultancy, project management and supervision services rendered 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 services and excludes amounts collected on behalf of third parties. The Company recognises revenue when it transfers control over the services to a customer.

In the comparative period, revenue from consultancy, project management and supervision services rendered was recognized in profit or loss in proportion to the stage of completion of the transaction at the reporting date. The stage of completion was assessed by reference to actual progress/technical assessment of work executed, in line with the terms of the respective consultancy contracts.

Reimbursement of expenses are recognized as other income, as per the terms of the consultancy service contracts.

Contract modifications are accounted for when additions, deletions or changes are approved either to the contract scope or contract price. The accounting for modifications of contracts involves assessing whether the services added to an existing contract are distinct and whether the pricing is at the standalone selling price. Services added that are not distinct are accounted for on a cumulative catchup basis, while those that are distinct are accounted for prospectively, either as a separate contract, if the additional services are priced at the standalone selling price, or as a termination of the existing contract and creation of a new contract if not priced at the standalone selling price.

15.3. 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 either at amortized cost or at fair value through other comprehensive income (OCI), interest income is recorded using the 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.

Dividend income is recognized in profit or loss only when the right to receive is established, it is probable that the economic benefits associated with the dividend will flow to the Company, and the amount of the dividend can be measured reliably.

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 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.

The Company has a defined contribution pension scheme which is administered through a separate trust. The obligation of the Company is to contribute to the trust to the extent of amount not exceeding 30% of basic pay and dearness allowance less employer's contribution towards provident fund, gratuity, post-retirement medical facility (PRMF) or any other retirement benefits. The contributions to the fund for the year are recognized as an expense and charged to the statement of profit and loss.

16.2. Defined benefit plans

A defined benefit plan is a post-employment benefit plan other than a defined contribution plan. The Company's liability towards gratuity, pension scheme at two of the stations in respect of taken over employees from the erstwhile state government power utility, post-retirement medical facility, baggage allowance for settlement at home town after retirement, farewell gift on retirement and provident fund scheme to the extent of interest liability on provident fund contribution are in the nature of defined benefit plans.

The Company pays fixed contribution to the provident fund at predetermined rates to a separate trust, which invests the funds in permitted securities. The contributions to the fund for the year are recognized as expense and are charged to the profit or loss. The obligation of the Company is to make such fixed contributions and to ensure a minimum rate of return to the members as specified by the Government of India.

The gratuity is funded by the Company and is managed by separate trust. Pension scheme at one of



the taken over projects is also funded by the Company and is managed by separate trust. The Company has PRMF, under which retired employee and the spouse are provided medical facilities in the Company hospitals/empaneled hospitals. They can also avail treatment as out-patient subject to a ceiling fixed by the Company.

The Company's net obligation in respect of defined benefit plans is calculated separately for each plan 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. When the calculation results in a benefit to the Company, the recognized asset is limited to the total of any unrecognized past service costs and the present value of economic benefits available in the form of any future refunds from the plan or reductions in future contributions to the plan. An economic benefit is available to the Company if it is realizable during the life of the plan, or on settlement of the plan liabilities. 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, long-service award and economic rehabilitation scheme 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.

As per the Company's economic rehabilitation scheme which is optional, the nominee of the deceased employee is paid a fixed amount based on the last salary drawn by the employee till the date of superannuation of the employee by depositing the final provident fund and gratuity amount which will be interest free.

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 ex-gratia payments under voluntary retirement scheme, training & recruitment and



voluntary community development are charged to statement of profit and loss in the year incurred.

Expenditure on research is charged to revenue as and when incurred. Expenditure on development is charged to revenue as and when incurred unless it meets the recognition criteria for intangible asset as per Ind AS 38 - 'Intangible assets'.

Preliminary expenses on account of new projects incurred prior to approval of feasibility report/techno economic clearance are charged to statement of profit and loss.

Net pre-commissioning income/expenditure is adjusted directly in the cost of related assets and systems.

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 profit or loss except to the extent that it relates to items recognized directly in other comprehensive income or equity, in which case it is recognized in OCI or equity.

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, providing for temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes. Deferred tax is measured at the tax rates that are expected to be applied to temporary differences when they reverse, 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 profit or 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.

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.

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.

19. Leases

19.1. As lessee

Accounting for finance leases

Leases of property, plant and equipment where the Company, as lessee has substantially all risks and rewards of ownership are classified as finance lease. On initial recognition, assets held under finance leases are recorded as property, plant and equipment and the related liability is recognized under borrowings. At inception of the lease, finance leases are 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 are apportioned between the finance expense and the reduction of the outstanding liability.

The finance expense is 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



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Leases in which a significant portion of the risks and rewards of ownership are not transferred to the Company as lessee are classified as operating lease. Payments made under operating leases are 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 are recognized as an integral part of the total lease expense, over the term of the lease.

19.2. As lessor

At the inception of an arrangement, the Company determines whether such an arrangement is or contains a lease. A specific asset is subject of a lease if fulfillment of the arrangement is dependent on the use of that specified asset. An arrangement conveys the right to use the asset if the arrangement conveys to the customer the right to control the use of the underlying asset. Arrangements that do not take the legal form of a lease but convey rights to customers/suppliers to use an asset in return for a payment or a series of payments are identified as either finance leases or operating leases.

Accounting for finance leases

Where the Company determines a long term PPA to be or to contain a lease and where the off taker has the principal risk and rewards of ownership of the power plant through its contractual arrangements with the Company, the arrangement is considered a finance lease. Capacity payments are apportioned between capital repayments relating to the provision of the plant, finance income and service income. The finance income element of the capacity payment is recognized as revenue, using a rate of return specific to the plant to give a constant periodic rate of return on the net investment in each period. The service income element of the capacity payment is the difference between the total capacity payment and the amount recognized as finance income and capital repayments and recognized as revenue as it is earned.

The amounts due from lessees under finance leases are recorded in the balance sheet as financial assets, classified as 'Finance lease receivables', at the amount of the net investment in the lease.

Accounting for operating leases

Where the Company determines a long term PPA to be or to contain a lease and where the Company retains the principal risks and rewards of ownership of the power plant, the arrangement is considered an operating lease.

For operating leases, the power plant is capitalized as property, plant and equipment and depreciated over its economic life. Rental income from operating leases is recognized on a straight line basis over the term of the arrangement unless the receipts are structured to increase in line with expected general inflation to compensate for the expected inflationary cost increases.

20. 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.

21. 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. The indicators used for internal reporting purposes may evolve in connection with performance assessment measures put in place.

Segment results that are reported to the CODM include items directly attributable to a segment as well as those that can be allocated on a reasonable basis. Unallocated items comprise mainly corporate expenses, finance costs, income tax expenses and corporate income.

Revenue directly attributable to the segments is considered as segment revenue. Expenses directly attributable to the segments and common expenses allocated on a reasonable basis are considered as segment expenses.

Segment capital expenditure is the total cost incurred during the period to acquire property, plant and equipment, and intangible assets other than goodwill.

Segment assets comprise property, plant and equipment, intangible assets, trade and other receivables, inventories and other assets that can be directly or reasonably allocated to segments. For the purpose of segment reporting for the year, property, plant and equipment have been allocated to segments based on the extent of usage of assets for operations attributable to the respective segments. Segment assets do not include investments, income tax assets, capital work in progress, capital advances, corporate assets and other current assets that cannot reasonably be allocated to segments.

Segment liabilities include all operating liabilities in respect of a segment and consist principally of trade and other payables, employee benefits and provisions. Segment liabilities do not include equity, income tax liabilities, loans and borrowings and other liabilities and provisions that cannot reasonably be allocated to segments.

22. Dividends

Dividends and interim dividends payable to a Company's shareholders are recognized as changes in equity in the period in which they are approved by the shareholders' meeting and the Board of Directors respectively.

23. 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.

24. 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.

25. 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'.

26. 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.

26.1. 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 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 profit or 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 profit and loss.

Equity investments

All equity investments in entities other than subsidiaries and joint venture companies are measured at fair value. Equity instruments which are held for trading are classified as at FVTPL. For all other equity instruments, the Company decides to classify the same either as at FVTOCI or FVTPL. The Company makes such election on an instrument by instrument basis. The classification is made on initial recognition and is irrevocable.

If the Company decides to classify an equity instrument as at FVTOCI, then all fair value changes on the instrument, excluding dividends, are recognized in the OCI. There is no recycling of the amounts from OCI to statement of profit and loss, even on sale of investment. However, the Company may transfer the cumulative gain or loss within equity.

Equity instruments included within the FVTPL category are measured at fair value with all changes recognized in the profit and loss.

Equity investments in subsidiaries and joint ventures companies are measured at cost less impairment.

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 derecognised (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) Financial assets that are debt instruments and are measured as at FVTOCI.
- (c) Lease receivables under Ind AS 17.
- (d) Trade receivables under Ind AS 115.
- (e) Loan commitments which are not measured as at FVTPL.
- (f) Financial guarantee contracts which are not measured as at FVTPL.

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



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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.

26.2. 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, or as derivatives designated as hedging instruments in an effective hedge, as appropriate. 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, financial guarantee contracts and derivative financial instruments.

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 profit or 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 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 expires. 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.

Derivative financial instruments



Initial recognition and subsequent measurement.

The Company uses derivative financial instruments, such as forward currency contracts and interest rate swaps to hedge its foreign currency risks and interest rate risks of foreign currency loans. Such derivative financial instruments are initially recognized at fair value on the date on which a derivative contract is entered into and are subsequently re-measured at fair value. Derivatives are carried as financial assets when the fair value is positive and as financial liabilities when the fair value is negative. Any gains or losses arising from changes in the fair value of derivatives are taken to statement of profit and loss.

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 recognised 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 recognised 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



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AS 115. However, in cases where tariff rates are yet to be approved, provisional rates are adopted considering the applicable CERC Tariff Regulations.

6. Leases not in legal form of lease

Significant judgment is required to apply lease accounting rules under Appendix C to Ind AS 17 'Determining whether an arrangement contains a lease'. In assessing the applicability to arrangements entered into by the Company, management has exercised judgment to evaluate the right to use the underlying asset, substance of the transactions including legally enforceable agreements and other significant terms and conditions of the arrangements to conclude whether the arrangement needs the criteria under Appendix C to Ind AS 17.

7. 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.

8. 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.

9. 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.

10. Impairment test of non-financial assets

The recoverable amount of investment in joint ventures companies is based on estimates and assumptions regarding in particular the future cash flows associated with the operations of the investee Company. Any changes in these assumptions may have a material impact on the measurement of the recoverable amount and could result in impairment.

11. Income taxes

Significant estimates are involved in determining the provision for income taxes, including amount expected to be paid/recovered for uncertain tax positions.



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Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area :1072

(Amount in Rupees)

Asset Class	01.04.2018			31.03.2019			01.04.2018			31.03.2019		
	Opening Gross Block As At	Additions	Deductions/ Adjustments	Closing Gross Block As At	Opening As At	Additions	Deductions/ Adjustments	Closing As At	Opening Gross Block As At	Additions	Deductions/ Adjustments	Closing As At
1 TANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 Land : (including development expenses)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 Leasehold	0.00	1.00	0.00	1.00	0.00	0.01	0.00	0.01	0.00	0.99	0.00	0.00
5 Submergence	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Roads,bridges, culverts & helipads	0.00	6153116.00	0.00	6153116.00	0.00	369186.96	0.00	369186.96	0.00	5783929.04	0.00	0.00
7 Building :	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8 Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 Main plant	0.00	50957908.00	0.00	50957908.00	0.00	3057474.48	0.00	3057474.48	0.00	47900433.52	0.00	0.00
10 Others	0.00	363335720.00	0.00	363335720.00	0.00	8859524.41	0.00	8859524.41	0.00	354476195.59	0.00	0.00
11 Leasehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12 Temporary erection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 Water Supply, drainage & sewerage system	0.00	2562695.00	0.00	2562695.00	0.00	147805.59	0.00	147805.59	0.00	2414889.41	0.00	0.00
14 Dams, Spillways, Weirs, Canals, reinforced concrete flumes & siphons	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15 Reinforced concrete pipelines and surge tanks, steel pipelines, sluice gates,steel surged tanks,hydraulic control valves and	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16 MGR track and signalling system	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17 Railway siding	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area :1072

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2018	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2019	Opening Depreciation As At 01.04.2018	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2019	Net Block As At 31.03.2019	Net Block As At 31.03.2018
18 Earth dam reservoir	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19 Plant and machinery(including associated civil works) Owned Asset	0.00	215365808.00	0.00	215365808.00	0.00	12170685.69	0.00	12170685.69	203195122.31	0.00
20 Plant and machinery(including associated civil works) Leased Asset	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 Furniture and fixtures	0.00	316619.01	(7404918.00)	7721537.01	0.00	632605.81	0.00	632605.81	7088931.20	0.00
22 Assets under 5 Km Scheme	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 Vehicles - Owned	0.00	20000.00	0.00	20000.00	0.00	1200.00	0.00	1200.00	18800.00	0.00
24 Vehicles - Leased	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Office equipment	0.00	1435355.81	(2491574.94)	3926930.75	0.00	309052.64	(197021.91)	506074.55	3420856.20	0.00
26 EDP, WP machines and satcom equipment	0.00	3502732.00	(2168527.00)	5671259.00	0.00	226613.88	(1094187.40)	1320801.28	4350457.72	0.00
27 Construction equipments	0.00	39902233.00	0.00	39902233.00	0.00	1329241.26	0.00	1329241.26	38572991.74	0.00
28 Electrical Installations	0.00	24142162.00	0.00	24142162.00	0.00	1448529.72	0.00	1448529.72	22693632.28	0.00
29 Communication equipments	0.00	1400118.05	0.00	1400118.05	0.00	46336.57	0.00	46336.57	1353781.48	0.00
30 Hospital equipments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31 Laboratory and workshop equipments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32 Capital expenditure on assets not owned by the Company	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1072

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2018	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2019	Opening Depreciation As At 01.04.2018	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2019	Net Block As At 31.03.2019	Net Block As At 31.03.2018
33 Assets of Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34 Less: Grants from Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35 Less: Recoverable from GOI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36 Assets for ash utilisation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37 (Less):-Adjusted from fly ash utilisation reserve fund	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38 Mining Properties	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total (Tangible)	0.00	709094467.87	(12065019.94)	721159487.81	0.00	28598257.02	(1291209.31)	29889466.33	691270021.48	0.00
Grand Total Prev Year (Tangible)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



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Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1072

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	Gross Block		Depreciation/Amortization	
	Tangible As At: 31.03.2019	Tangible As At: 31.03.2018	Tangible As At: 31.03.2019	Tangible As At: 31.03.2018
Disposal of assets	0.00	0.00	0.00	0.00
Retirement of assets	0.00	0.00	0.00	0.00
Cost adjustments	0.00	0.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	(12065019.94)	0.00	(1291209.31)	0.00
Others	0.00	0.00	0.00	0.00
TOTAL	(12065019.94)	0.00	(1291209.31)	0.00

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Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00



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Note forming part of Balance Sheet
 Note 3: Capital-Work-in-Progress
 Business Area: BARAUNI TPS

(Amount in Rupees)

SI No	Asset Class	As At 01.04.2018	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2019
1		2	3	4	5	6
1	CAPITAL WORK-IN-PROGRESS					
2	Development of land					
3	Roads, bridges, culverts & helpads			(20721719.00)	6153116.00	14568603.00
4	Piling and foundation					
5	Buildings :					
6	Main plant			(5944733992.00)	50957908.00	5893776084.00
7	Others			(1092691688.00)	9586892.00	1083104796.00
8	Temporary erection					
9	Water supply, drainage and sewerage system			(214200404.00)	2364158.00	211836246.00
10	Dams, Spillways, Weirs, Canals, reinforced concrete flumes &					
11	Reinforced concrete pipelines and surge tanks, steel pipelin					
12	MGR track and signalling system					
13	Railway siding					
14	Earth dam reservoir					
15	Plant and equipment		25566686173.17	7865211545.00	299024907.00	17402449721.17
16	Furniture and fixtures		598976.35			598976.35
17	Vehicles					
18	Office equipment					
19	EDP/WP machines & satcom equipment					
20	Construction equipments					
21	Electrical installations			(543933633.00)	24142162.00	519791471.00
22	Communication equipment					
23	Hospital equipments					
24	Laboratory and workshop equipments					
25	Assets under 5Km Scheme of the GOI					
26	Capital expenditure on assets not owned by the company					
27	Expenditure towards development of coal mines					

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Note forming part of Balance Sheet
 Note 3: Capital-Work-in-Progress
 Business Area: BARAUNI TPS

(Amount in Rupees)

SI No	Asset Class	As At 01.04.2018	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2019
	1	2	3	4	5	6
28	Survey,Investigation,Consultancy & Supervision Cha					
29	Difference in exchange on foreign currency loans					
30	Expenditure towards diversion of forest land					
31	Pre-commissioning expenses (net)					
32	ExpPendAlloca-oth ex attribut Project					
33	Expenditure During Construction Period (net)*		709154842.13	(59477758.28)		768632600.41
34	LESS : Allocated to related works					
35	LESS : Provision for Unservicable works					
36	Construction stores* (At Cost)					
37	Steel					
38	Cement					
39	Others		82592657.00			82592657.00
40	Sub-total		82592657.00			82592657.00
41	LESS : Provision for shortages					
42	Sub-total		82592657.00			82592657.00
43	Total CWIP		26359032648.65	(10547649.28)	392229143.00	25977351154.93
44						
45						
46	PREVIOUS YEAR TOTAL					

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Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) :

0.00



RF

Note forming part of Balance Sheet
Note-4 Non Current Assets- Intangible Assets
Business Area :1072

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2018	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2019	Opening Depreciation As At 01.04.2018	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2019	Net Block As At 31.03.2019	Net Block As At 31.03.2018
INTANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1 Right of Use- Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 -Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 -Software	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total (Intangible)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total Prev Year (Intangible)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



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Note forming part of Balance Sheet
Note-4 Non Current Assets- Intangible Assets
Business Area :1072

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	Gross Block		Depreciation/Amortization	
	InTangible As At: 31.03.2019	InTangible As At: 31.03.2018	InTangible As At: 31.03.2019	InTangible As At: 31.03.2018
Disposal of assets	0.00	0.00	0.00	0.00
Retirement of assets	0.00	0.00	0.00	0.00
Cost adjustments	0.00	0.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	0.00	0.00	0.00	0.00
Others	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00

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Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00



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Note forming part of Balance Sheet
Note 5: Intangible Assets under Development
Business Area: BARAUNI TPS

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2018	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2019
	1	2	3	4	5	6
1	INTANGIBLE ASSETS UNDER DEVELOPMENT					
2	Software					
3	Right to use Others					
4	Exploration and Evaluation Expenditure - Coal Mini					
5	Exploratory wells-in-progress					
6	Less: Provision for exploratory wells-in-progress					
7	Total					
8	PREVIOUS YEAR TOTAL-I					

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) :

0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 6 TO THE FS-NCA-INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹)

As at	No. of shares	Face value	31.03.2019	31.03.2018
001	NON CURRENT INVESTMENTS- Investments in subsidiaries and joint ventures		0.00	0.00
012	Equity Instruments - Unquoted-(fully paid up unless otherwise stated, at cost)		0.00	0.00
013	Subsidiary Companies		0.00	0.00
014	Patratu Vidyut Utpadan Nigam Ltd.		0.00	0.00
015	NTPC Electric Supply Company Ltd.		0.00	0.00
016	NTPC Vidyut Vyapar Nigam Ltd.		0.00	0.00
017	Nabinagar Power Generating Company Ltd.		0.00	0.00
018	Kanti Bijlee Utpadan Nigam Ltd.		0.00	0.00
019	Bhartiya Rail Bijlee Company Ltd.		0.00	0.00
020	Sub Total		0.00	0.00
055	Joint Venture Companies		0.00	0.00
056	Utility Powertech Ltd.		0.00	0.00
057	NTPC GE Power Services Pvt.Ltd.		0.00	0.00
058	NTPC-SAIL Power Company Ltd.		0.00	0.00
059	NTPC-Tamil Nadu Energy Company Ltd.		0.00	0.00
060	Ratnagiri Gas & Power Private Ltd.		0.00	0.00
061	Aravali Power Company Private Ltd.		0.00	0.00
062	NTPC-SCCL Global Ventures Private Ltd.		0.00	0.00
063	NTPC BHEL Power Projects Private Ltd.		0.00	0.00
064	Meja Urja Nigam Private Limited		0.00	0.00
065	BF-NTPC Energy Systems Ltd.		0.00	0.00
066	National Power Exchange Ltd.		0.00	0.00
067	Nabinagar Power Generating Company Ltd.		0.00	0.00
068	Transformer and Electrical Kerala Ltd.		0.00	0.00
069	National High Power Test Labortory Private Ltd.		0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 6 TO THE FS-NCA-INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹)

As at	No. of shares	Face value	31.03.2019	31.03.2018
070			0.00	0.00
071	CIL NTPC Urja Private Ltd.		0.00	0.00
072	Anushakti Vidhyut Nigam Ltd.		0.00	0.00
073	Energy Efficiency Services Ltd.		0.00	0.00
074			0.00	0.00
075	Trincomalee Power Company Ltd.		0.00	0.00
076	Bangladesh-India Friendship Power Company (Pvt.) Ltd.		0.00	0.00
077	Hindustan Urvarak & Rasayan Limited		0.00	0.00
078	Konkan LNG Pvt. Ltd		0.00	0.00
079			0.00	0.00
080			0.00	0.00
081	Sub Total		0.00	0.00
109	Aggregate amount of impairment in the value of investments		0.00	0.00
110			0.00	0.00
111			0.00	0.00
134	Total		0.00	0.00
135	Details of Investments		0.00	0.00
136	Aggregate amount of Unquoted Investments		0.00	0.00
141			0.00	0.00
142			0.00	0.00
143			0.00	0.00
144			0.00	0.00
145			0.00	0.00
153	Valuation of Investments as per Note 1.		0.00	0.00
154			0.00	0.00
202			0.00	0.00





A Maharatna Company

BARAUNI TPS

NOTE NO. 7 TO THE FS-NCA-INVESTMENTS

(Amount in ₹)

As at	No. of shares	Face value	31.03.2019	31.03.2018
001 Non-current financial assets (investments)			0.00	0.00
006 Long Term - Trade			0.00	0.00
007 Equity Instruments (fully paid up-unless otherwise stated)			0.00	0.00
008 Quoted			0.00	0.00
009 Joint Venture Companies			0.00	0.00
010 PTC India Ltd.			0.00	0.00
070 International Coal Ventures Private Ltd.			0.00	0.00
075 BF-NTPC Energy Systems Ltd.			0.00	0.00
098			0.00	0.00
110 Cooperative Societies			0.00	0.00
111 Sub Total			0.00	0.00
112 Aggregate amount of impairment in the value of investments			0.00	0.00
115 Total			0.00	0.00
120			0.00	0.00
146 NTPC Employees Consumers and Thrift Co-operative Society Ltd. Korba			0.00	0.00
147 NTPC Employees Consumers and Thrift Cooperative Society Ltd. RSTPP			0.00	0.00
148 NTPC Employees Consumers Cooperative Society Ltd. Farakka			0.00	0.00
149 NTPC Employees Consumers Cooperative Society Ltd. Vindhyachal			0.00	0.00
150 NTPC Employees Consumers Cooperative Society Ltd. Anta			0.00	0.00
151 NTPC Employees Consumers Cooperative Society Ltd. Kawas			0.00	0.00
152 NTPC Employees Consumers Cooperative Society Ltd. Kaniha			0.00	0.00

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BARAUNI TPS

NOTE NO. 8 TO THE FS-NCA-TRADE RECEIVABLES

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 Non-current financial assets - Trade receivables	0.00	0.00
002 Unsecured, considered good	0.00	0.00
003 With significant increase in Credit Risk	0.00	0.00
004 Credit impaired	0.00	0.00
005 Total	0.00	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 9 TO THE FS-NCA-LOANS

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 Loans (Non Current)	0.00	0.00
004 Related Parties	0.00	0.00
005 Secured	0.00	0.00
006 Un-Secured	0.00	0.00
007 With significant increase in Credit Risk	0.00	0.00
008 Credit impaired	0.00	0.00
009	0.00	0.00
010 Employees(including accrued interest)	0.00	0.00
011 Secured	8,219,211.40	0.00
012 Unsecured	7,620,610.54	0.00
013 With significant increase in Credit Risk	0.00	0.00
014 Credit impaired	0.00	0.00
015 Less : Employee Loans Discounting	0.00	0.00
016 Secured	2,271,545.83	0.00
017 Unsecured	2,212,442.70	0.00
018 Loan to State Government in settlement of dues from customers (Unsecured)	0.00	0.00
019 Others	0.00	0.00
020 Secured	0.00	0.00
021 Unsecured	0.00	0.00
022 With significant increase in Credit Risk	0.00	0.00
023 Credit impaired	0.00	0.00
024 Less: Allowance for credit impaired loans	0.00	0.00
025 Sub Total	11,355,833.41	0.00
026	0.00	0.00
027 Total	11,355,833.41	0.00
028	0.00	0.00
029	0.00	0.00
030 Due from Directors and Officers of the Company	0.00	0.00
031 Directors	0.00	0.00
032 Officers	0.00	0.00
033	0.00	0.00
034 Loans to related parties include:	0.00	0.00
035 i)Key management personel	0.00	0.00
036 ii)Subsidiary companies	0.00	0.00
037 iii)Joint Venture companies	0.00	0.00
038 iv)Others	0.00	0.00
039	0.00	0.00
054 Other loans represent loans given to	0.00	0.00
055 a) APIIC	0.00	0.00
060	0.00	0.00
061 RPD	0.00	0.00
062 i)Key management personel	0.00	0.00
063 ii)Subsidiary companies	0.00	0.00
064 iii)Joint Venture companies	0.00	0.00
065 iv)Others	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 9 TO THE FS-NCA-LOANS

(Amount in ₹)

	As at	31.03.2019	31.03.2018
066	Total	0.00	0.00



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BARAUNI TPS

NOTE NO. 10 TO THE FS-NCA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 Other Financial Assets (non current)	0.00	0.00
002	0.00	0.00
003 Share application money pending allotment in (Subsidiary Companies) :	0.00	0.00
004 NTPC Electric Supply Company Ltd.	0.00	0.00
005 NTPC Vidyut Vyapar Nigam Ltd.	0.00	0.00
006 Nabinagar Power Generating Company Ltd.	0.00	0.00
007 Kanti Bijlee Utpadan Nigam Ltd.	0.00	0.00
008 Bhartiya Rail Bijlee Company Ltd.	0.00	0.00
009 Patratu Vidyut Utpadan Nigam Ltd.	0.00	0.00
010	0.00	0.00
011 Total	0.00	0.00
012	0.00	0.00
013 Share application money pending allotment (Joint Venture)	0.00	0.00
014 Utility Powertech Ltd.	0.00	0.00
015 NTPC GE Power Services Pvt.Ltd.	0.00	0.00
016 NTPC-SAIL Power Company Ltd.	0.00	0.00
017 NTPC-Tamil Nadu Energy Company Ltd.	0.00	0.00
018 Ratnagiri Gas & Power Private Ltd.	0.00	0.00
019 Aravali Power Company Private Ltd.	0.00	0.00
020 NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00
021 NTPC BHEL Power Projects Private Ltd.	0.00	0.00
022 Meja Urja Nigam Private Limited	0.00	0.00
023 BF-NTPC Energy Systems Ltd.	0.00	0.00
024 Anushakti Vidhyut Nigam Ltd.	0.00	0.00
025 Nabinagar Power Generating Company Ltd.	0.00	0.00
026 Energy Efficiency Services Ltd.	0.00	0.00
027 National High Power Test Labortory Private Ltd.	0.00	0.00
028	0.00	0.00
029 CIL NTPC Urja Private Ltd.	0.00	0.00
030 Trincomalee Power Company Ltd.	0.00	0.00
031 Hindustan Urvarak & Rasayan Limited	0.00	0.00
032 Bangladesh-India Friendship Power Company Private Ltd.	0.00	0.00
033 Sub Total	0.00	0.00
034	0.00	0.00
035 Claims Recoverable	0.00	0.00
036 Finance Lease Recoverable	0.00	0.00
037 Mine Closure Deposit	0.00	0.00
038	0.00	0.00
039 Total	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 Other Non-current Assets	0.00	0.00
002	0.00	0.00
003 CAPITAL ADVANCES	0.00	0.00
004 Secured	0.00	0.00
005 Unsecured	0.00	0.00
006 Covered by Bank Guarantee	0.00	0.00
007 Others	860,992,931.00	0.00
008 Considered doubtful	0.00	0.00
009 Less: Allowance for bad & doubtful advances	0.00	0.00
010 Sub-Total	860,992,931.00	0.00
011	0.00	0.00
012 Advances other than capital advances	0.00	0.00
013 Security deposits	0.00	0.00
019 Advances to Related parties	0.00	0.00
024 Advances to Contractors & Suppliers	0.00	0.00
026	0.00	0.00
039 Advance tax & tax deducted at source	0.00	0.00
040 Less: - Provision for current tax	0.00	0.00
041	0.00	0.00
042 Sub Total	0.00	0.00
043 Deferred Payroll Expenses (Secured)	2,009,902.76	0.00
044 Deferred Payroll Expenses (Unsecured)	1,798,262.38	0.00
045 Deferred Foreign Currency Fluctuation Asset	0.00	0.00
047 Total	864,801,096.14	0.00
048	0.00	0.00
050	0.00	0.00
061 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
063	0.00	0.00
064 NTPC GE Power Services Pvt.Ltd.	0.00	0.00
065	0.00	0.00
066 Ratnagiri Gas & Power Private Ltd.	0.00	0.00
067 Aravali Power Company Private Ltd.	0.00	0.00
068 NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00
069 NTPC BHEL Power Projects Private Ltd.	0.00	0.00
070 Meja Urja Nigam Private Limited	0.00	0.00
071 Nabinagar Power Generating Company Ltd.	0.00	0.00
072 National High Power Test Laboratory Private Ltd.	0.00	0.00
074 CIL NTPC Urja Private Ltd.	0.00	0.00
076	0.00	0.00
077 Related Party (Adv)	0.00	0.00
078 Key Management personel	0.00	0.00
079 Subsidiary companies	0.00	0.00
080 Joint Venture companies	0.00	0.00
081 Contractors	0.00	0.00
082 Others	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS

(Amount in ₹)

As at	31.03.2019	31.03.2018
084	0.00	0.00
085 Total	0.00	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 12 TO THE FS-CA-INVENTORIES

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 INVENTORIES	0.00	0.00
002	0.00	0.00
003 Coal	27,052,496.83	0.00
004 Fuel oil	152,285,380.00	0.00
005 Naphtha	0.00	0.00
006 Stores and spares	0.00	0.00
007 Chemicals & consumables	807,120.00	0.00
008 Loose tools	0.00	0.00
009 Steel Scrap	0.00	0.00
010 Others*	0.00	0.00
011 Sub Total	180,144,996.83	0.00
012 Less: Provision for shortages	0.00	0.00
013 Less: Provision for obsolete/ unservicable/dimuniton in value of surplus inventory	0.00	0.00
014 Total	180,144,996.83	0.00
015 Inventories include material in transit	0.00	0.00
016 Coal	0.00	0.00
017 Fuel oil	0.00	0.00
018 Naphtha	0.00	0.00
019 Stores and spares	0.00	0.00
020 Chemicals & consumables	0.00	0.00
021 Loose tools	0.00	0.00
022 Others	0.00	0.00
023	0.00	0.00
024 *Includes items of steel, cement and ash bricks etc.	0.00	0.00
025 Inventory items other than steel scrap have been valued considering Note 1. Steel scrap has been valued at estimated realisable value.	0.00	0.00



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BARAUNI TPS

NOTE NO. 13 TO THE FS-CA-INVESTMENTS

(Amount in ₹)

As at	No. of shares	Face value	31.03.2019	31.03.2018
001	CURRENT INVESTMENTS		0.00	0.00
002	(Valuation as per Note 1)		0.00	0.00
003			0.00	0.00
033	Investment in Mutual Funds (Details as under)		0.00	0.00
034	SBI-Magnum Insta Cash Fund-DDR		0.00	0.00
035	SBI Premier Liquid Fund Super-IP-DDR		0.00	0.00
036	SBI-SHF Ultra Short Term Fund-IP-DDR		0.00	0.00
037	UTI Money Market- IP-Direct-Growth		0.00	0.00
038	IDBI-Liquid plan- Direct-Growth		0.00	0.00
039	Canara Robeco Liquid Fund Super-IP-DDR		0.00	0.00
040	Canara Robeco Treasury Advantage Fund Super-IP-DDR		0.00	0.00
041	IDBI Liquid Fund-DDR		0.00	0.00
042	SBI Premier Liquid fund-Direct DDR (Ash Fund)		0.00	0.00
043	UTI Liquid CashPlan - IP - DDR (Ash Funds)		0.00	0.00
044	IDBI Liquid Fund - DDR - (Ash Funds)		0.00	0.00
046	Sub Total		0.00	0.00
047			0.00	0.00
052	Unquoted Investments		0.00	0.00
054			0.00	0.00
066	TOTAL		0.00	0.00
067			0.00	0.00





A Maharatna Company

BARAUNI TPS

NOTE NO. 14 TO THE FS-CA-TRADE RECEIVABLES

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 TRADE RECEIVABLES (current)*	0.00	0.00
002	0.00	0.00
003 Secured, Considered Good	0.00	0.00
004 Unsecured , considered good	0.00	0.00
005 With significant increase in Credit Risk	0.00	0.00
006 Credit impaired	0.00	0.00
007 Sub-Total	0.00	0.00
008 Total	0.00	0.00
009 Less: Allowance for credit impaired receivables	0.00	0.00
010 Total	0.00	0.00
011	0.00	0.00
013 * After adjustment for Unbilled Revenue	0.00	0.00
014 Long-term trade receivables	0.00	0.00
015	0.00	0.00
016	0.00	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 15 TO THE FS-CA-CASH AND CASH EQUIVALENTS

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 CASH & BANK BALANCES	0.00	0.00
002 Cash & Cash Equivalents	0.00	0.00
003 Balances with Banks	0.00	0.00
004 Cheques & Drafts on hand	0.00	0.00
005 Cash on hand	0.00	0.00
006 Others (stamps in hand)	0.00	0.00
007 Bank deposits with original maturity upto three months	0.00	0.00
008 Balances with RBI	0.00	0.00
009	0.00	0.00
010 Total	0.00	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 16 TO THE FS-CA-BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS (Amount in ₹)

As at	31.03.2019	31.03.2018
001 Other Bank Balances	0.00	0.00
002 Deposits with original maturity of more than three months but not more than twelve months	0.00	0.00
003 Earmarked balances with banks*	0.00	0.00
004 SubTotal	0.00	0.00
005 Interest accrued on deposits	0.00	0.00
006 Total	0.00	0.00
007	0.00	0.00
008 Earmarked balances with banks consist of :	0.00	0.00
009 Unpaid dividend account balance	0.00	0.00
010 Towards public deposit repayment reserve	0.00	0.00
011 Towards redemption of bonds due for repayment within one year	0.00	0.00
012 Security with Government/other authorities	0.00	0.00
013 Unpaid refund/interest account balance - Tax free bonds/ Bonus Debentures	0.00	0.00
014 Earmarked for RGGVY/DDUGJY/SAUBHAGYA Fund	0.00	0.00
015 Earmarked for Flyash Utilisation Reserve Fund	0.00	0.00
016 Deposits with original maturity upto three months as per court orders	0.00	0.00
017 Others	0.00	0.00
018 Total	0.00	0.00
019	0.00	0.00
022 Bank deposits with original maturity of less than three months- other than earmarked	0.00	0.00
023 Bank deposits with original maturity of more than three months but not more than twelve months- other than earmarked	0.00	0.00
025 Earmarked bank balances (current account)	0.00	0.00





A Maharatna Company

BARAUNI TPS

NOTE NO. 17 TO THE FS-CA-LOANS

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 Current financial assets - Loans	0.00	0.00
002 Loans (current)-including interest accrued	0.00	0.00
004 Related Parties	0.00	0.00
005 Secured	0.00	0.00
006 Un-Secured	0.00	0.00
007 With significant increase in Credit Risk	0.00	0.00
008 Credit impaired	0.00	0.00
009	0.00	0.00
010 Employees	0.00	0.00
011 Secured	1,296,559.14	0.00
012 Unsecured	4,120,389.54	0.00
013 With significant increase in Credit Risk	0.00	0.00
014 Credit impaired	0.00	0.00
015 Less : Employee Loans Discounting	0.00	0.00
016 Loan to State Government in settlement of dues from customers (Unsecured)	0.00	0.00
017	0.00	0.00
018 Others	0.00	0.00
019 Secured	0.00	0.00
020 Unsecured	0.00	0.00
021 With significant increase in Credit Risk	0.00	0.00
022 Credit impaired	0.00	0.00
023	0.00	0.00
024 Less: Allowance for credit impaired loans	0.00	0.00
025 Total (Loans)	5,416,948.68	0.00
026	0.00	0.00
027 Due from Directors and Officers of the Company	0.00	0.00
028 Directors	0.00	0.00
029 Officers	0.00	0.00
030	0.00	0.00
031 Loans to related parties include:	0.00	0.00
032 i)Key management personel	0.00	0.00
033 ii)Subsidiary companies	0.00	0.00
034 KBUNL	0.00	0.00
035 PVUNL	0.00	0.00
036	0.00	0.00
037 iii)Joint Venture companies	0.00	0.00
038 iv)others	0.00	0.00
039	0.00	0.00
059 RPD	0.00	0.00
060 i)Key management personel	0.00	0.00
061 ii)Subsidiary companies	0.00	0.00
062 iii)Joint Venture companies	0.00	0.00
063 iv)Others	0.00	0.00
064 Total	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 Other Financial Assets (current)	0.00	0.00
002	0.00	0.00
003 ADVANCES	0.00	0.00
004	0.00	0.00
005 Related Parties	0.00	0.00
006 Secured	0.00	0.00
007 Un-Secured	-6,816.28	0.00
008 Considered doubtful	0.00	0.00
009	0.00	0.00
010 Employees	0.00	0.00
012 Unsecured	2,206,585.76	0.00
013 Considered Doubtful	0.00	0.00
014	0.00	0.00
020 Others	0.00	0.00
021 Secured	0.00	0.00
022 Unsecured	0.00	0.00
023 Considered Doubtful	0.00	0.00
024	0.00	0.00
025 Less: Allowance for bad & doubtful advances	0.00	0.00
026	0.00	0.00
033 Total (Advances)	2,199,769.48	0.00
044	0.00	0.00
045 Claims Recoverable	0.00	0.00
046 Secured	0.00	0.00
047 Unsecured, considered good	0.00	0.00
048 Considered Doubtful	0.00	0.00
049 Less:- Allowance for doubtful claims	0.00	0.00
050 Others-Claims Recoverable	0.00	0.00
051	0.00	0.00
052 Unbilled Revenue	0.00	0.00
053 Hedging cost recoverable from beneficiaries	0.00	0.00
054 Derivative MTM Asset	0.00	0.00
055 Finance Lease Receivable	0.00	0.00
057 Others*	0.00	0.00
058	0.00	0.00
059 Total	2,199,769.48	0.00
060	0.00	0.00
062 * Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
063	0.00	0.00
067	0.00	0.00
068 Advances to related parties include:	0.00	0.00
069 i)Key management personnel	0.00	0.00
070 ii)Subsidiary companies	0.00	0.00
071 iii)Joint Venture companies	0.00	0.00
072 iv)Contractors	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2019	31.03.2018
073 v)Others	0.00	0.00
074	0.00	0.00
075 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
076	0.00	0.00
077	0.00	0.00
078 NTPC GE Power Services Pvt.Ltd.	0.00	0.00
079 Ratnagiri Gas & Power Private Ltd.	0.00	0.00
080 Aravali Power Company Private Ltd.	0.00	0.00
081 NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00
082 NTPC BHEL Power Projects Private Ltd.	0.00	0.00
083 Meja Urja Nigam Private Limited	0.00	0.00
084 Nabinagar Power Generating Company Ltd.	0.00	0.00
085 National High Power Test Labortory Private Ltd.	0.00	0.00
086 International Coal Ventures Private Ltd.	0.00	0.00
087 CIL NTPC Urja Private Ltd.	0.00	0.00
089 Bangladesh-India Friendship Power Co. Pvt.Ltd	0.00	0.00
090	0.00	0.00
091 Related Party (Adv)- Employee	0.00	0.00
092 Related Party (Adv)- Subsidiaries	0.00	0.00
093 Related Party (Adv)- Joint Ventires	0.00	0.00
094 Related Party (Adv)- Contractors	0.00	0.00
095 Related Party (Adv)- Others	-6,816.28	0.00
096 Total	-6,816.28	0.00





A Maharatna Company

BARAUNI TPS

NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 OTHER CURRENT ASSETS	0.00	0.00
002 Security Deposits (Unsecured)	0.00	0.00
003 Deposit with Customs, port trust & others*	9,132,120.00	0.00
004 ADVANCES	0.00	0.00
005	0.00	0.00
006 Related Parties	0.00	0.00
007 Secured	0.00	0.00
008 Un-Secured	1,547,313.00	0.00
009 Considered doubtful	0.00	0.00
010	0.00	0.00
011 Employees(including imprest)	0.00	0.00
012 Secured	0.00	0.00
013 Unsecured	744,546.00	0.00
014 Considered Doubtful	0.00	0.00
015	0.00	0.00
016 Contractors & Suppliers	0.00	0.00
017 Secured	0.00	0.00
018 Unsecured	149,900.00	0.00
019 Considered Doubtful	0.00	0.00
020	0.00	0.00
021 Others**	0.00	0.00
022 Secured	0.00	0.00
023 Unsecured	0.00	0.00
024 Considered Doubtful	0.00	0.00
025	0.00	0.00
026 Less: Allowance for bad & doubtful advances	0.00	0.00
027 Deferred Payroll Expenses (Secured)	264,434.76	0.00
028 Deferred Payroll Expenses (Unsecured)	457,899.48	0.00
029	0.00	0.00
030 Interest accrued on :	0.00	0.00
031 Advances to contractors	0.00	0.00
032	0.00	0.00
033 Claims Recoverable	0.00	0.00
034 Secured	0.00	0.00
035 Unsecured, considered good	169,300,000.00	0.00
036 Considered Doubtful	0.00	0.00
037 Less:- Allowance for doubtful claims	0.00	0.00
038	0.00	0.00
039 Deferred premium on forward exchange contract/ Option Assets	0.00	0.00
040 Unamortised discount on Commercial Papers	0.00	0.00
041 Assets Held for Disposal	0.00	0.00
042 Others	35,070.13	0.00
043 Total (Advances)	181,631,283.37	0.00
044 **Include Prepaid Expenses	0.00	0.00
045 *Includes sales tax/Entry tax/VAT deposited under protest with Sales Tax Authorities	0.00	0.00

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BARAUNI TPS

NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS

(Amount in ₹)

As at	31.03.2019	31.03.2018
046 *Includes deposited with courts	0.00	0.00
047 *Includes deposited with LIC for annuity payments	0.00	0.00
048 * Includes deposits with WRD / against BG in r/o finance lease	0.00	0.00
049 Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
052 Advances to related parties include:	0.00	0.00
053 i)Key management personnel	0.00	0.00
054 ii)Subsidiary companies	0.00	0.00
055 iii)Joint Venture companies	0.00	0.00
056 Contractors	0.00	0.00
057 Others	0.00	0.00
058	0.00	0.00
059 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
060	0.00	0.00
061	0.00	0.00
062 Related Party (Adv)- Employee	0.00	0.00
063 Related Party (Adv)- Subsidiaries	0.00	0.00
064 Related Party (Adv)- Joint Venture	0.00	0.00
065 Related Party (Adv)- Contractors	1,547,313.00	0.00
066 Related Party (Adv)- Others	0.00	0.00
067 Total	1,547,313.00	0.00
068	0.00	0.00





A Maharatna Company

BARAUNI TPS

NOTE NO. 20 TO THE FS--REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 On account of Exchange Differences	-22,046,453.00	0.00
002 On account of employee benefit exp/others	0.00	0.00
003 Deferred asset for deferred tax liability	0.00	0.00
004	0.00	0.00
005 Total	-22,046,453.00	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 21 TO THE FS-EQUITY-EQUITY SHARE CAPITAL

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 SHARE CAPITAL	0.00	0.00
002 Equity Share Capital	0.00	0.00
003 Authorised	0.00	0.00
004 10,000,000,000 equity shares of Rs.10/- each (Previous year 10,000,000,000 eq shares of Rs.10/- each)	0.00	0.00
005 Issued,Subscribed and fully Paid-up	0.00	0.00
006 9,894,557,280 equity shares of Rs.10/- (Pv. year 8,245,464,400 equity shares of Rs.10/- each)	0.00	0.00
007	0.00	0.00
008 Total	0.00	0.00
009 The company has issued 1,649,092,880 equity shares of Rs.10/- each as fully paid bonus shares during the year ended 31st March 19 in the ratio of one equity share for every five shares held.	0.00	0.00
010 The holders of the equity shares are entitled to receive dividends as declared from time to time, and are entitled to one vote per share at meetings of the company.	0.00	0.00
011 Details of shareholders holding more than 5% shares in the company	0.00	0.00
012 - President of India	0.00	0.00
013 No. of Shares	0.00	0.00
014 % of holding	0.00	0.00
015 - Life Insurance Corporation of India/ICICI Prudential Mutual Fund	0.00	0.00
016 No. of Shares	0.00	0.00
017 % of holding	0.00	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 RESERVE AND SURPLUS	0.00	0.00
002	0.00	0.00
003 Capital Reserve	0.00	0.00
004 As per last financial statements	0.00	0.00
006 Add : Grants received during the year	0.00	0.00
007 Add: Transfer from Surplus	0.00	0.00
008 Less: Write back during the year/period	0.00	0.00
009 Less: Adjustments during the year/period	0.00	0.00
010 Sub-Total	0.00	0.00
011 Securities Premium Account	0.00	0.00
012 As per last financial statements	0.00	0.00
013 Add: Additions during the year/period	0.00	0.00
014 Less: Adjustments during the year/period	0.00	0.00
015 Sub-Total	0.00	0.00
016 Bonds Redemption Reserve	0.00	0.00
017 As per last financial statements	0.00	0.00
018 Add: Transfer from Surplus	0.00	0.00
019 Less: Transfer to surplus on redemption	0.00	0.00
020 Less: Adjustments during the year/ period	0.00	0.00
021 Sub-Total	0.00	0.00
022	0.00	0.00
023	0.00	0.00
024	0.00	0.00
025	0.00	0.00
026	0.00	0.00
027	0.00	0.00
028 Fly-ash utilisation reserve Fund	0.00	0.00
029 As per last financial statements	0.00	0.00
030 Transfer from NVVN Ltd.	0.00	0.00
031 Add: Transfer from revenue from operations	0.00	0.00
032 Add: Transfer from other income	0.00	0.00
033 Less: Utilised during the year	0.00	0.00
034 Tangible assets	0.00	0.00
035 Employee benefit expenses	0.00	0.00
036 Generation, admn. and other expenses	0.00	0.00
037 Sub-Total	0.00	0.00
038 Corporate social responsibility (CSR) reserve	0.00	0.00
039 As per last financial statements	0.00	0.00
040 Add : Transfer from surplus	0.00	0.00
041 Less:-Write back during the year	0.00	0.00
042 Sub-Total	0.00	0.00
044 General Reserve	0.00	0.00
045 As per last financial statements	0.00	0.00
046 Add: Transfer from Surplus	0.00	0.00
047 Less: Transfer to Surplus	0.00	0.00
048 Less: Write back during the year /period	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY

(Amount in ₹)

As at	31.03.2019	31.03.2018
049 Less: Adjustments during the year /period	0.00	0.00
050 Sub-Total	0.00	0.00
051	0.00	0.00
052 Retained earnings	0.00	0.00
053 As per last financial statements	0.00	0.00
054 Add(Less):-Changes in accounting policy / prior period errors	0.00	0.00
055 Add(Less):-Profit (Loss) after tax for the year from Statement of Profit & Loss	-48,006,546.15	0.00
056	0.00	0.00
057 Add: Write back from Bond Redemption Reserve	0.00	0.00
058 Add: Write back from Capital Reserve	0.00	0.00
059 Add: Write back from Foreign Project Reserve	0.00	0.00
060 Add: Write back from CSR Reserve	0.00	0.00
061 Add: Write back from General Reserve	0.00	0.00
062 Less: Transfer to Bonds Redemption Reserve	0.00	0.00
063 Less: Transfer to Foreign Project Reserve	0.00	0.00
064 Less: Transfer to Capital Reserve	0.00	0.00
065 Less: Transfer to CSR Reserve	0.00	0.00
066 Less: Transfer to General Reserve	0.00	0.00
067 Less: Interim Dividend Paid	0.00	0.00
068 Less: Tax on Interim Dividend Paid	0.00	0.00
069 Less: Final Dividend Paid	0.00	0.00
070 Less: Tax on Final Dividend Paid	0.00	0.00
071 Less: Issue of bonus debenture	0.00	0.00
072 Less: Tax on issue of bonus debenture	0.00	0.00
073 Sub-Total	-48,006,546.15	0.00
074	0.00	0.00
075 Remeasurement of defined benefit plans	0.00	0.00
076 As per last financial statements	0.00	0.00
077 Add/(Less):- Actuarial Gains/loss through OCI	-26,336.45	0.00
078 Sub-Total	-26,336.45	0.00
080	0.00	0.00
081 FVTOCI Reserve	0.00	0.00
082 As per last financial statements	0.00	0.00
083 Add(Less):-Net gain/loss of equity instruments through OCI	0.00	0.00
084 Sub-Total	0.00	0.00
085	0.00	0.00
086 Total Other equity	-48,032,882.60	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 LONG TERM BORROWINGS	0.00	0.00
002 Bonds	0.00	0.00
003 Secured	0.00	0.00
004 7.37 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3A).	0.00	0.00
005 7.62 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3 B).	0.00	0.00
006 8.61% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2034 (Fifty First Issue C - Private Placement)	0.00	0.00
007 8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3A)	0.00	0.00
008 8.91% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3B)	0.00	0.00
009 7.37% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 14th December 2031 (Sixty Sixth Issue - Private Placement)	0.00	0.00
010 7.49% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 7th November 2031 (Sixty Fourth Issue - Private Placement)	0.00	0.00
011 7.28 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2019	31.03.2018
2A)		
012 7.53 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series 2 B).	0.00	0.00
013 8.63% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2029 (Fifty First Issue B - Private Placement)	0.00	0.00
014 8.48% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2A)	0.00	0.00
015 8.73% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2B)	0.00	0.00
016 7.47% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 16th September 2026 (Sixty Third Issue - Private Placement)	0.00	0.00
017 7.58% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 23rd August 2026 (Sixty Second Issue - Private Placement)	0.00	0.00
018 8.05% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 5th May 2026 (Sixtieth Issue - Private Placement)	0.00	0.00
019 8.19% Secured non-cumulative non-convertible redeemable taxable bonds of	0.00	0.00

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BARAUNI TPS

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2019	31.03.2018
Rs. 10,00,000/- each redeemable at par in full on 15th December 2025 (Fifty Seventh Issue - Private Placement)		
020 7.11 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1A).	0.00	0.00
021 7.36 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1 B).	0.00	0.00
022 7.15% Tax free secured non-cumulative non-convertible redeemable bonds - 2015 of Rs. 10,00,000/- each redeemable at par in full on 21st August 2025 (Fifty Fifth Issue - Private Placement)	0.00	0.00
023 9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 22nd September 2024 (53rd Issue - private placement).	0.00	0.00
024 9.34% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 24th March 2024 (Fifty Second Issue - private placement)	0.00	0.00
025 8.19% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 10,00,000/- each redeemable at par in full on 4th March 2024 (Fifty First Issue A - Private Placement)	0.00	0.00
026 8.41% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1A)	0.00	0.00
027 8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (0.00	0.00

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**BARAUNI TPS****NOTE NO. 23 TO THE FS-NCL-BORROWINGS****(Amount in ₹)**

As at	31.03.2019	31.03.2018	
Fiftieth Issue - Public Issue - Series 1B)			
028	9.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 4th May 2023 and ending on 4th May 2027 (Forty fourth issue - private placement)VII	0.00	0.00
029	8.48% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 1st May 2023 (Seventeenth issue - private placement)I	0.00	0.00
030	8.80% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th April 2023 (Forty ninth issue -private placement	0.00	0.00
031	8.49% Secured non-cumulative non-convertible redeemable taxable fully paid-up bonus debentures of Rs. 12.50 each redeemable at par in three annual installments of Rs. 2.50, Rs. 5.00 and Rs. 5.00 at the end of 8th year, 9th year and 10th year on 25th March 2023, 25th March 2024 and 25th March 2025 respectively (Fifty Fourth Issue -Bonus Debentures)X - (refer Note 5 d)	0.00	0.00
032	8.73% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 07th March 2023 (Forty eighth issue - private placement)	0.00	0.00
033	9.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in	0.00	0.00

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BARAUNI TPS

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2019	31.03.2018
annual installments thereafter upto the end of 15th year respectively commencing from 25th January 2023 and ending on 25th January 2027 (Forty second issue- private placement)III		
034 8.84% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th October 2022 (Forty seventh issue- private placement)VII	0.00	0.00
035 6.72% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 24th November 2021 (Sixty Fifth Issue - Private Placement)	0.00	0.00
036 8.10% Secured Non-Cumulative Non-Convertible Redeemable Taxable Bonds of Rs. 30,00,000/- each redeemable at par in three equal separately transferable redeemable principal parts (STRPP) at the end of 5th year, 10th year & 15th year on 27th May 2021, 27th May 2026 and 27th May 2031 respectively (Sixty First Issue- Private Placement)	0.00	0.00
037 8.33% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 24th February 2021 (Fifty Ninth Issue - Private Placement).	0.00	0.00
038 8.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 19th January 2021 (Thirty seventh issue - private placement)III	0.00	0.00
039 8.18% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 31st December 2020 (Fifty Eight Issue - Private Placement).	0.00	0.00
040 8.73 % Secured non-cumulative	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at		31.03.2019	31.03.2018
non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 31st March 2020 (Thirty third issue- private placement)III			
042	8.78 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 9th March 2020 (Thirty first issue- private placement)III	0.00	0.00
043	11.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in five equal annual installments commencing from 6th Nov 2019 and ending on 6th Nov 2023 (Twenty seventh issue - private placement)III	0.00	0.00
044	7.89% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 5th May 2019 (Thirtieth issue - private placement)III	0.00	0.00
045	8.65% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th February 2019 (Twenty ninth issue - private placement)III	0.00	0.00
046	7.50% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 12th January 2019 (Nineteenth issue - private placement)II	0.00	0.00
047	11% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21st November 2018 (Twenty eighth issue - private placement)III	0.00	0.00
048	9.3473% Secured non-cumulative non-convertible redeemable taxable bonds of ₹15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2019	31.03.2018
upto the end of 20th year respectively commencing from 20th July 2018 and ending on 20th July 2032 (Forty sixth issue - private placement)VII		
049 9.4376% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 16th May 2018 and ending on 16th May 2032 (Forty fifth issue - private placement)VII	0.00	0.00
050 8.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 10th April 2018 (Sixteenth issue -private placement)I	0.00	0.00
051 9.2573% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 2nd March 2018 and ending on 2nd March 2032 (Forty third issue - private placement)III	0.00	0.00
052 9.6713% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 23rd December 2017 and ending on 23rd December 2031 (Forty first issue - private placement)III	0.00	0.00
053 9.558% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th	0.00	0.00

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BARAUNI TPS

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2019	31.03.2018
year and in annual installments thereafter upto the end of 20th year respectively commencing from 29th July 2017 and ending on 29th July 2031(Fourtieth issue-private placement)III		
054 9.3896% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 9th June 2017 and ending on 9th June 2031(Thirty ninth issue-private placement)III	0.00	0.00
055 9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 22nd March 2017 and ending on 22nd March 2031(Thirty eighth issue-private placement)III	0.00	0.00
056 8.8086% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th December 2016 and ending on 15th December 2030 (Thirty sixth issue - private placement)III	0.00	0.00
057 8.785% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th September 2016 and ending on 15th	0.00	0.00

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BARAUNI TPS

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2019	31.03.2018
September 2030 (Thirty fifth issue - private placement)III		
058 8.71% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 10th June 2016 and ending on 10th June 2030 (Thirty fourth issue - private placement)III	0.00	0.00
059 8.8493% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 25th March 2016 and ending on 25th March 2030 (Thirty second issue - private placement)III	0.00	0.00
060 9.37% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty fifth issue - private placement)III	0.00	0.00
061 9.06% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty sixth issue - private placement)III	0.00	0.00
062 8.6077% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable	0.00	0.00

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BARAUNI TPS

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2019	31.03.2018
redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 9th September 2011 and ending on 9th March 2021 (Twenty fourth issue - private placement)IV		
063 8.3796% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 5th August 2011 and ending on 5th February 2021 (Twenty third issue - private placement)IV	0.00	0.00
065 8.1771% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd July 2011 and ending on 2nd January 2021 (Twenty second issue - private placement)IV	0.00	0.00
066 7.7125% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd August 2010 and ending on 2nd February 2020 (Twenty first issue - private placement)V	0.00	0.00
067 7.552% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 23rd September 2009 and ending on 23rd March 2019 (Twentieth issue - private placement)VI	0.00	0.00
068 9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each with ten equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of the 6th year and in annual installments thereafter upto the end of 15th year respectively	0.00	0.00

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BARAUNI TPS

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2019	31.03.2018
from 30th April 2002 (Thirteenth issue - Part B - private placement)VIII		
069 9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each redeemable at par in ten equal annual installments commencing from the end of 6th year and upto the end of 15th year respectively from 18th April 2002 (Thirteenth issue -Part A - private placement)VIII	0.00	0.00
070 8.30% Series 67 Bonds	0.00	0.00
071	0.00	0.00
073	0.00	0.00
081	0.00	0.00
082 Sub Total	0.00	0.00
083 Foreign Currency Notes-Unsecured	0.00	0.00
084 4.50% Fixed Rate Notes Due for repayment on 19th March 2028	0.00	0.00
085 2.75% Fixed rate notes due for repayment on 1st February 2027	0.00	0.00
086 4.25 % Fixed rate notes due for repayment on 26th February 2026	0.00	0.00
087 4.375% Fixed Rate Note due for repayment on 26th November 2024	0.00	0.00
088 4.75 % Fixed Rate Notes due for repayment on 3rd Oct 2022	0.00	0.00
089 7.25 % Fixed green global INR denominated bonds due on 3 May 2022	0.00	0.00
090 7.375 % Fixed green global INR denominated bonds due on 10 August 2021	0.00	0.00
091 5.625% Fixed Rate Notes due for repayment on 14th July 2021	0.00	0.00
092	0.00	0.00
093	0.00	0.00
094 Sub Total	0.00	0.00
095 Long term maturities of Finance Lease Obligations (Secured) IX	0.00	0.00
100 Long term maturities of Finance Lease Obligations (Unsecured) X	0.00	0.00
101 Term Loans	0.00	0.00
102 From Banks	0.00	0.00
103 Unsecured	0.00	0.00
104 Foreign Currency Loans	0.00	0.00
105 Rupee Loans	0.00	0.00
106 From Others	0.00	0.00

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BARAUNI TPS

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2019	31.03.2018
107 Secured	0.00	0.00
108 Foreign Currency loans (guaranteed by GOI)	0.00	0.00
109 Unsecured	0.00	0.00
110 Foreign Currency loans (guaranteed by GOI)	0.00	0.00
111 Other Foreign currency loans	0.00	0.00
112 Rupee Loans	0.00	0.00
113 Deposits	0.00	0.00
114 Unsecured	0.00	0.00
115 Fixed Deposits	0.00	0.00
116 Others	0.00	0.00
117 Unsecured	0.00	0.00
118 Bonds Application Money Pending Allotment	0.00	0.00
119 Less:- Interst accrued but not due on borrowings	0.00	0.00
120 Less:- Current maturities of long term borrowings	0.00	0.00
121 Bonds-Secured	0.00	0.00
122 5.875% Fixed Rate Notes	0.00	0.00
123	0.00	0.00
125 Foreign currency loans from Banks- unsecured	0.00	0.00
126 Rupee loans from banks- unsecured	0.00	0.00
127 Foreign currency loans from others- unsecured (Guaranteed by GOI)	0.00	0.00
128 Other foreign currency loans from others- unsecured	0.00	0.00
129 Rupee loans from others- unsecured	0.00	0.00
130 Finance Lease obligations - secured	0.00	0.00
131 Finance Lease obligations - unsecured	0.00	0.00
132	0.00	0.00
133	0.00	0.00
200 Total	0.00	0.00





A Maharatna Company

BARAUNI TPS

NOTE NO. 24 TO THE FS-NCL-TRADE PAYABLES

(Amount in ₹)

	As at	31.03.2019	31.03.2018
001	TRADE PAYABLES(NON CURRENT)	0.00	0.00
002	For Goods and Services	0.00	0.00
003	- Micro & Small Enterprises	0.00	0.00
004	- Others	0.00	0.00
005		0.00	0.00
006	Total	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 25 TO THE FS-NCL-OTHER FINANCIAL LIABILITIES

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 OTHER FINANCIAL LIABILITIES (NON-CURRENT)	0.00	0.00
002 Payable for Capital Expenditure	0.00	0.00
003 - Micro & Small Enterprises	0.00	0.00
004 - Others	0.00	0.00
005 Others	0.00	0.00
006 Deposits from contractors and others	0.00	0.00
007	0.00	0.00
008	0.00	0.00
009 Total	0.00	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 26 TO THE FS-NCL-PROVISIONS

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 LONG TERM PROVISIONS	0.00	0.00
002 Provision for Employee Benefits	0.00	0.00
003 Opening Balance	0.00	0.00
004 Additions/ (adjustments) during the year	0.00	0.00
005 Closing Balance	0.00	0.00
013	0.00	0.00
014 TOTAL	0.00	0.00



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A Maharatna Company

NOTE NO. 27 TO THE FS-NCL-DEFERRED TAX LIABILITIES (NET)

(Amount in ₹)

As at	Open Balance on 01.04.2018	Addition	Closing Balance on 31.03.2019
001 DEFERRED TAX LIABILITIES (NET)			
002 Difference of book depreciation and tax depreciation	0.00	0.00	0.00
003 Less: Deferred tax assets			
004 Provisions & Other disallowances for tax purposes	0.00	0.00	0.00
005 Disallowances u/s 43B of the Income Tax Act, 1961	0.00	0.00	0.00
006	0.00	0.00	0.00
007	0.00	0.00	0.00
008 Total	0.00	0.00	0.00
009	0.00	0.00	0.00
010 Total	0.00	0.00	0.00
011 Breakup of deferred tax assets	0.00	0.00	0.00
012 Provision	0.00	0.00	0.00
013 Statutory dues	0.00	0.00	0.00
014 Leave encashment	0.00	0.00	0.00
015 Others	0.00	0.00	0.00
016	0.00	0.00	0.00
017	0.00	0.00	0.00
018	0.00	0.00	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 28 TO THE FS-NCL-OTHER NON-CURRENT LIABILITIES

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 Other Non current Liabilities	0.00	0.00
002 Advances from customers and others	0.00	0.00
003 Deposits from contractors and others	0.00	0.00
004	0.00	0.00
005 TOTAL	0.00	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 29 TO THE FS-CL-BORROWINGS

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 Short Term Borrowings	0.00	0.00
002 Loans repayable on demand	0.00	0.00
003 From Banks	0.00	0.00
004 Secured	0.00	0.00
005 Cash Credit	0.00	0.00
006 Unsecured	0.00	0.00
007 Cash Credit	0.00	0.00
008 Other loans-unsecured	0.00	0.00
009 Commercial Papers	0.00	0.00
010 Total	0.00	0.00
011	0.00	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 30 TO THE FS-CL-TRADE PAYABLES

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 TRADE PAYABLES	0.00	0.00
002 For Goods and Services	0.00	0.00
003 - Micro & Small Enterprises	1,625,949.00	0.00
004 - Others	220,797,135.75	0.00
005	0.00	0.00
006 Total	222,423,084.75	0.00
007	0.00	0.00





A Maharatna Company

BARAUNI TPS

NOTE NO. 31 TO THE FS-CL-OTHER FINANCIAL LIABILITIES

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 OTHER FINANCIAL LIABILITIES (CURRENT)	0.00	0.00
002 Current maturity of long term borrowings	0.00	0.00
003 Bonds-Secured	0.00	0.00
004 Foreign Currency Fixed Rate Notes	0.00	0.00
005 From Banks	0.00	0.00
006 Unsecured	0.00	0.00
007 Foreign currency loans	0.00	0.00
008 Rupee term loans	0.00	0.00
009 From Others	0.00	0.00
010 Unsecured	0.00	0.00
011 Foreign currency loans (Guaranteed by Government of India)	0.00	0.00
012 Other foreign currency loans	0.00	0.00
013 Rupee term loans	0.00	0.00
014 Fixed deposits	0.00	0.00
015 Sub Total	0.00	0.00
016 Current maturity of finance lease obligations (secured)	0.00	0.00
017 Current maturity of finance lease obligations (unsecured)	0.00	0.00
018 Interest accrued but not due on borrowings	0.00	0.00
019 Unpaid Dividends*	0.00	0.00
020 Unpaid matured deposits and interest accrued thereon*	0.00	0.00
021 Unpaid matured bonds and interest accrued thereon*	0.00	0.00
022 Unpaid bond refund money-Tax free bonds *	0.00	0.00
023 Book Overdraft	0.00	0.00
024 Payable to Customers	0.00	0.00
025 Liability under forward exchange contract	0.00	0.00
027 Hedging cost payable to beneficiaries	0.00	0.00
028 Derivative MTM Liability	0.00	0.00
029 Payable for Capital Expenditure	0.00	0.00
030 - Micro & Small Enterprises	3,566,732.00	0.00
031 - Others	4,405,548,861.48	0.00
032 Others Payables	0.00	0.00
034 Deposits from contractors and others	220,000.00	0.00
035 Gratuity Obligations	0.00	0.00
036 Payable to employees	577,710.00	0.00
037 Others **	252,515.00	0.00
038	0.00	0.00
039 Total	4,410,165,818.48	0.00
040 * Represents the amounts which have not been claimed by the investor/holders of the bonds/fixed deposits. Out of the above, no amount is due for payment to Investor Education and Protection Fund.	0.00	0.00
041 ** Include Payable to Hospital, parties for stale	0.00	0.00

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BARAUNI TPS

NOTE NO. 31 TO THE FS-CL-OTHER FINANCIAL LIABILITIES

(Amount in ₹)

As at	31.03.2019	31.03.2018
cheques and other payable.		



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A Maharatna Company

BARAUNI TPS

NOTE NO. 32 TO THE FS-CL-OTHER CURRENT LIABILITIES

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 OTHER CURRENT LIABILITIES	0.00	0.00
002 Advances from customers and others	0.00	0.00
003 Deferred discount on forward exchange contact	0.00	0.00
004 Tax deducted at source and other statutory dues	6,233,544.00	0.00
005 Others	0.00	0.00
006 Total	6,233,544.00	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 33 TO THE FS-CL-PROVISIONS

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 SHORT TERM PROVISIONS	0.00	0.00
002 Provision for Employee Benefits	0.00	0.00
003 Opening balance	0.00	0.00
004 Additions/ (adjustments) during the year	0.00	0.00
005 Closing Balance	0.00	0.00
028 Provisions for Obligations Incidental to Land Acquisition	0.00	0.00
029 Opening balance	0.00	0.00
030 Additions during the year	0.00	0.00
031 Amounts paid during the year	0.00	0.00
032 Amounts reversed during the year	0.00	0.00
033 Closing Balance	0.00	0.00
035 Provision for Tariff Adjustment	0.00	0.00
036 Opening balance	0.00	0.00
037 Additions during the year	0.00	0.00
038 Amounts adjusted during the year	0.00	0.00
039 Amounts reversed during the year	0.00	0.00
040 Closing Balance	0.00	0.00
042 Provision for shortage in Fixed Assets Pending Investigation & Others	0.00	0.00
043 Opening balance	0.00	0.00
044 Additions during the year	0.00	0.00
045 Amounts adjusted during the year	0.00	0.00
046 Amounts reversed during the year	0.00	0.00
047 Closing Balance	0.00	0.00
048 Provision for Arbitration	0.00	0.00
049 Opening balance	0.00	0.00
050 Additions during the year	0.00	0.00
051 Amounts used during the year	0.00	0.00
052 Amounts reversed during the year	0.00	0.00
053 Closing Balance	0.00	0.00
054 Others	0.00	0.00
055 Opening balance	0.00	0.00
056 Additions during the year	0.00	0.00
057 Amounts used during the year	0.00	0.00
058 Amounts reversed during the year	0.00	0.00
059 Closing Balance	0.00	0.00
102	0.00	0.00
103 Total	0.00	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 34 TO THE FS-CL-CURRENT TAX LIABILITIES (NET)

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 Current liabilities - current tax liabilities (net)	0.00	0.00
002 Opening balance	0.00	0.00
003 Additions during the year	0.00	0.00
004 Amounts adjusted during the year	0.00	0.00
005 Less: Set off against taxes paid	0.00	0.00
006 Closing Balance	0.00	0.00





A Maharatna Company

BARAUNI TPS

NOTE NO. 35 TO THE FS--DEFERRED REVENUE

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 Deferred Revenue	0.00	0.00
002 On account of advance against depreciation	0.00	0.00
003 On account of income from foreign currency fluctuation	0.00	0.00
004 Government grants	0.00	0.00
005 TOTAL	0.00	0.00



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BARAUNI TPS

NOTE NO. 36 TO THE FS--REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 Regulatory deferral account credit balances	0.00	0.00
002 Exchange Differences	0.00	0.00
003 Total	0.00	0.00





A Maharatna Company

BARAUNI TPS

NOTE NO. 37 TO THE FS--REVENUE FROM OPERATIONS

(Amount in ₹)

	For the Year ended	31.03.2019	31.03.2018
001	REVENUE FROM OPERATIONS	0.00	0.00
002	Sales	0.00	0.00
003	Energy Sales (including Electricity Duty)	0.00	0.00
004	Less : Advance against depreciation deferred (net)	0.00	0.00
005	Add: Revenue recognized out of advance against depreciation	0.00	0.00
006	Add : Exchange fluctuation receivable from customers	0.00	0.00
007	Sale of energy through trading	0.00	0.00
008	Sub total	0.00	0.00
009	Less: Rebate to customers	0.00	0.00
010	Energy Sales (Total)	0.00	0.00
011	Consultancy, project management and supervision fees	0.00	0.00
012	Lease rentals on assets on Operating lease	0.00	0.00
013	Total - Sales	0.00	0.00
014	Sale of fly ash/ash products	0.00	0.00
015	Less: Transferred to fly ash utilisation reserve fund	0.00	0.00
016	Sub-total	0.00	0.00
017	Other Operating Income	0.00	0.00
018	Interest from customers	0.00	0.00
019	Energy Internally Consumed *	0.00	0.00
020	Interest income on Assets under finance lease	0.00	0.00
021	Recognized from deferred revenue - government grant	0.00	0.00
022	Provision written back- Tariff Adjustment	0.00	0.00
023	Income form Trading of ESCerts	0.00	0.00
024	Total	0.00	0.00
040	* Valued at variable cost of generation and corresponding amount included in power charges (Note No. 42)	0.00	0.00
041	Excise duty on sale of flyash, cenospere & ash products	0.00	0.00



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BARAUNI TPS

NOTE NO. 38 TO THE FS--OTHER INCOME

(Amount in ₹)

	For the Year ended	31.03.2019	31.03.2018
001	OTHER INCOME	0.00	0.00
002	Interest from	0.00	0.00
004	Financial assets at amortised cost	0.00	0.00
005	Government Securities (8.5% Tax Free Bonds issued by the State Governments)	0.00	0.00
006	Other Bonds	0.00	0.00
007		0.00	0.00
008	Interest from Government of India Securities-Non-Trade	0.00	0.00
009	Less: Amortiation of premium	0.00	0.00
010	Sub Total	0.00	0.00
011	Interest from others	0.00	0.00
012	Loan to State Government in settlement of dues from customers	0.00	0.00
013	Loan to Subsidiary Companies	0.00	0.00
014	Loan to Employees	522,660.16	0.00
015	Deposit with banks	0.00	0.00
016	Foreign Banks	0.00	0.00
017	Interest from Contractors	0.00	0.00
018	Interest from Income Tax Refunds	0.00	0.00
019	Less : Refundable to Customers	0.00	0.00
020	Sub Total	0.00	0.00
021	Deposits with banks-flyash utilisation reserve fund	0.00	0.00
022	Less: transferred to flyash utilisation reserve fund	0.00	0.00
023	Sub Total	0.00	0.00
024	Deposits with banks- DDUGJY funds	0.00	0.00
025	Interest from Contractors- DDUGJY funds	0.00	0.00
026	Transfer to DDUGJY-Advance from customers	0.00	0.00
027	Sub-total	0.00	0.00
030	Others	0.00	0.00
031		0.00	0.00
032	Dividend from	0.00	0.00
033	Longterm investments in	0.00	0.00
034	Subsidiaries	0.00	0.00
035	Joint Ventures	0.00	0.00
036	Equity Instruments	0.00	0.00
037	Current Investments in	0.00	0.00
038	Mutual Funds measured at fairvalue through profit or loss	0.00	0.00
039	Current investments in mutual funds-flyash utilisation reserve fund	0.00	0.00
040	Less: transferred to flyash utilisation reserve fund	0.00	0.00
041	Lease Rent # Ash Brick Plant	0.00	0.00
042	Less: transferred to flyash utilisation reserve fund	0.00	0.00
043	Other non-operating income	0.00	0.00
044	Profit on disposal of PPE	0.00	0.00
045	Profit on redemption of GOI securities	0.00	0.00

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BARAUNI TPS

NOTE NO. 38 TO THE FS--OTHER INCOME

(Amount in ₹)

	For the Year ended	31.03.2019	31.03.2018
046	Net gain on sale of investments	0.00	0.00
047	Surcharge received from customers	0.00	0.00
048	Hire charges for equipment	0.00	0.00
049	Gain on option contract / Discount on F.ExchContract	0.00	0.00
050	Provision written back-others	0.00	0.00
051	Fair value gains/(losses) on investments in mutual funds at fair value through profit or loss	0.00	0.00
052	Miscellaneous Income	150,182.01	0.00
053	Total	672,842.17	0.00
054	Less: Transferred to Development of Coal Mines- Note 43A	0.00	0.00
055	Less: Transferred to Expenditure during Construction period (net)- Note 43	0.00	0.00
056		0.00	0.00
057	Total	672,842.17	0.00
058		0.00	0.00
059	Details of Miscellaneous Income	0.00	0.00
061	Vehicle Hire Charges.	12,000.00	0.00
062	Sale of by products & residuals	0.00	0.00
063	Township recoveries(exl. Hospital Recoveries).	138,182.01	0.00
064	Depreciation written back	0.00	0.00
065	Sale of Scrap.	0.00	0.00
066	Receipt under loss of profit policy.	0.00	0.00
067	Receipts under MBD/Fire Policy.	0.00	0.00
068	Management development programme.	0.00	0.00
069	Others	0.00	0.00
070	Total (Miscellaneous Income)	150,182.01	0.00
071	Details of Provision written back others	0.00	0.00
072	Doubtful debts	0.00	0.00
073	Doubtful Loans, Advances and Claims	0.00	0.00
074	Doubtful Construction Advances	0.00	0.00
075	Shortage in Construction Stores	0.00	0.00
076	Shortage in Stores	0.00	0.00
077	Obsolescence in Stores	0.00	0.00
078	Unserviceable capital works	0.00	0.00
079	Other Obligation	0.00	0.00
080	Shortage in Fixed Assets	0.00	0.00
081	Diminution in value of Investment	0.00	0.00





A Maharatna Company

BARAUNI TPS

NOTE NO. 39 TO THE FS--EMPLOYEE BENEFITS EXPENSE

(Amount in ₹)

	For the Year ended	31.03.2019	31.03.2018
001	EMPLOYEE BENEFITS EXPENSE	0.00	0.00
002	Salaries and wages	76,592,885.40	0.00
003	Contribution to provident and other funds	10,282,379.42	0.00
004	Unwinding of deferred payroll expense	382,203.98	0.00
005	Staff welfare expenses	6,062,902.46	0.00
006	Less : Expenses transferred to Consultancy group	0.00	0.00
007		0.00	0.00
008	Sub Total	93,320,371.26	0.00
009	Less: Allocated to fuel cost	0.00	0.00
010	Less: Transferred to development of coal mines- Note 43A	0.00	0.00
011		0.00	0.00
012	Less: Transferred to fly ash utilisation reserve fund	0.00	0.00
013	Less: Transferred to CSR Expenses	0.00	0.00
014	Reimbursements for employees on secondment	0.00	0.00
015	Less: Transferred to expenditure during construction period (net)- Note 43	74,801,642.74	0.00
016	TOTAL	18,518,728.52	0.00
017	Managerial Remuneration paid/ payable to Directors included above (except for Directors fee which is included in Note 42)	0.00	0.00
018	Salaries and wages	0.00	0.00
019	Contribution to provident and other funds	0.00	0.00
020	Staff welfare expenses	0.00	0.00
021	Directors fee	0.00	0.00
022		0.00	0.00
023		0.00	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 40 TO THE FS--FINANCE COSTS

(Amount in ₹)

	For the Year ended	31.03.2019	31.03.2018
001	FINANCE COSTS	0.00	0.00
002	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
003	Bonds	0.00	0.00
004	Government of India Loans	0.00	0.00
005	Foreign currency term loans	0.00	0.00
006	Rupee term loans	461,534,245.00	0.00
007	Public deposits	0.00	0.00
008	Foreign currency bonds/notes	0.00	0.00
009	Cash Credit	0.00	0.00
010	Unwinding of discount on account of vendor liabilities	0.00	0.00
011	Discount on Commercial Papers	0.00	0.00
012	Others	0.00	0.00
013	Sub Total	461,534,245.00	0.00
014	Other Borrowing Costs	0.00	0.00
015	Bonds servicing & public deposit exp.	0.00	0.00
016	Guarantee fee	0.00	0.00
017	Management fee	0.00	0.00
018	Committ charges/exposure premium	0.00	0.00
019	Bond issue expenses	0.00	0.00
020	Legal exp on foreign currency loans	0.00	0.00
021	Foreign currency bonds/notes exp.	0.00	0.00
022	Up-front fee	0.00	0.00
023	Insurance premium on foreign currency loans	0.00	0.00
024		0.00	0.00
025	Others	0.00	0.00
026	Sub Total (Other Borrowing cost)	0.00	0.00
027		0.00	0.00
028	Exchange differences regarded as an adjustment to interest costs	0.00	0.00
029	Sub Total	461,534,245.00	0.00
030	Less: Transferred to Expenditure during construction period (net) - Note 43	453,931,203.00	0.00
031	Less: Transferred to development of coal mines- Note 43A	0.00	0.00
032		0.00	0.00
033	Total	7,603,042.00	0.00





A Maharatna Company

BARAUNI TPS

NOTE NO. 41 TO THE FS--DEPRECIATION, AMORTIZATION AND IMPAIRMENT EXPENSE

(Amount in ₹)

	For the Year ended	31.03.2019	31.03.2018
001 Depreciation, amortization and impairment expense		0.00	0.00
002 On property, plant and equipment- Note 2		28,598,257.02	0.00
003 On intangible assets- Note 4		0.00	0.00
004 Sub-total		28,598,257.02	0.00
005 Less:		0.00	0.00
006 Allocated to fuel cost		0.00	0.00
007 Transferred to Expenditure during Construction Period (net)- Note 43		12,662,775.59	0.00
008 Transferred to Development of Coal Mines- Note 43A		0.00	0.00
009 Adjustment with deferred revenue from deferred foreign currency fluctuation		0.00	0.00
010 Total		15,935,481.43	0.00





BARAUNI TPS

NOTE NO. 42 TO THE FS--OTHER EXPENSE

(Amount in ₹)

	For the Year ended	31.03.2019	31.03.2018
001	OTHER EXPENSES	0.00	0.00
002	Power charges	9,680,955.00	0.00
003	Less: Recovered from contractors & employees	69,345.16	0.00
004	Sub-Total(Power Charges)	9,611,609.84	0.00
005	Water charges	0.00	0.00
006	Stores consumed	0.00	0.00
007	Rent	0.00	0.00
008	Less: Recoveries	0.00	0.00
009	Sub-Total (Rent)	0.00	0.00
010	Cost of captive coal	0.00	0.00
011	Repairs & maintenance	0.00	0.00
012	Buildings	6,013,085.00	0.00
013	Plant & machinery	0.00	0.00
014	Power stations	-0.12	0.00
015	Construction equipment	0.00	0.00
016	Others	85,228,033.12	0.00
017	Sub-total (Repairs & maintenance)	91,241,118.00	0.00
019	Load Dispatch Center Charges	0.00	0.00
020	Power Trading Expenses	0.00	0.00
021	Insurance	0.00	0.00
022	Interest to beneficiaries	0.00	0.00
023	Rates and taxes	1,226,354.36	0.00
024	Water cess & environment protection cess	0.00	0.00
025	Training & recruitment expenses	0.00	0.00
026	Less: Receipts	0.00	0.00
027	Sub-total (Training and recruitment expenses)	0.00	0.00
028	Communication expenses	2,502,336.55	0.00
029	Inland Travel	5,016,973.63	0.00
030	Foreign Travel	0.00	0.00
031	Tender expenses	0.00	0.00
032	Less: Receipt from sale of tenders	0.00	0.00
033	Sub-total (Tender expenses)	0.00	0.00
034	Payment to auditors	0.00	0.00
035	Audit fee	0.00	0.00
036	Tax audit fee	0.00	0.00
037	Other services	0.00	0.00
038	Reimbursement of expenses	0.00	0.00
039	Sub-total (Payment to Auditors)	0.00	0.00
040	Advertisement and publicity	0.00	0.00
041	Electricity duty	0.00	0.00
042	Security expenses	55,450,216.00	0.00
043	Entertainment expenses	617,259.09	0.00
044	Expenses for guest house	3,276,051.00	0.00
045	Less: Recoveries	0.00	0.00
046	Sub-Total (Guest house expenses)	3,276,051.00	0.00
047	Education expenses	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 42 TO THE FS--OTHER EXPENSE

(Amount in ₹)

	For the Year ended	31.03.2019	31.03.2018
048	Brokerage & commission	0.00	0.00
049	Donations	0.00	0.00
050	Ash utilisation & marketing expenses	0.00	0.00
051	Directors sitting fee	0.00	0.00
052	Books and periodicals	0.00	0.00
053	Professional charges and consultancy fees	0.00	0.00
054	Legal expenses	17,567.00	0.00
055	EDP hire and other charges	246,207.00	0.00
056	Printing and stationery	357,854.00	0.00
057	Oil & gas exploration expenses	0.00	0.00
058	Claims/advances written off	0.00	0.00
059	Hiring of vehicles	2,127,820.26	0.00
060		0.00	0.00
061	Reimbursement of L.C.charges on sales realisation	0.00	0.00
062	Bank charges	0.00	0.00
063	Cost of Hedging	0.00	0.00
064	Derivatives MTM loss/gain (Net)	0.00	0.00
065	Net loss/(gain) in foreign currency transactions & translations	-22,046,453.00	0.00
066	Miscellaneous expenses	1,868,856.14	0.00
067	Stores written off	0.00	0.00
068	Survey & Investigation expenses written off	0.00	0.00
069	Loss on disposal/write-off of PPE	0.00	0.00
070	Sub-Total	151,513,769.87	0.00
071	Less: Allocated to fuel cost	0.00	0.00
072	Less: Transferred to development of coal mines- Note 43A	0.00	0.00
073	Less: Transferred to fly ash utilisation reserve fund	0.00	0.00
074	Less: Hedging cost Net recoverable/payable from/to beneficiaries	0.00	0.00
075		0.00	0.00
076	Less: Transferred to CSR Expenses	0.00	0.00
077	Less: Transferred to Expenditure during Construction period(net)-Note 43	167,758,109.78	0.00
078	Net (Generation, Administration and Other expenses)	-16,244,339.91	0.00
079	Corporate Social Responsibility Expenses	0.00	0.00
080	Less: Grants-in-aid	0.00	0.00
081	Sub-total (Corporate Social Responsibility Expenses)	0.00	0.00
082	Provisions	0.00	0.00
083	Doubtful Debts	0.00	0.00
084	Doubtful loans, advances and claims	0.00	0.00
085	Doubtful Construction Advances	0.00	0.00
086	Shortage in stores	0.00	0.00
087	Obsolete/Diminution in the value of surplus stores	0.00	0.00
088	Shortage in construction stores	0.00	0.00

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BARAUNI TPS

NOTE NO. 42 TO THE FS--OTHER EXPENSE

(Amount in ₹)

For the Year ended	31.03.2019	31.03.2018
089 Diminution in value of long term investments	0.00	0.00
090 Shortage in Fixed assets	0.00	0.00
091 Unfinished minimum work progress from oil & gas exploration	0.00	0.00
092 Unserviceable capital works	0.00	0.00
093 Tariff Adjustment	0.00	0.00
094 Others :	0.00	0.00
095 (i) Provision for arbitration cases	0.00	0.00
096 (ii) Other provisions	0.00	0.00
097 Total (Provisions)	0.00	0.00
098	0.00	0.00
099 Total	-16,244,339.91	0.00
100	0.00	0.00
101 Breakup of miscellaneous expenses.	0.00	0.00
102 Transport Vehicle running expenses	0.00	0.00
103 Horticulture Expenses	9,500.00	0.00
104 Hire charges of office equipment	0.00	0.00
105 Hire charges of construction equipment	0.00	0.00
106 Operating expenses of construction equipment	0.00	0.00
107 Operating expenses of D.G. sets	0.00	0.00
108 Furnishing expenses	891,067.95	0.00
109 Subscription to trade and other associations.	0.00	0.00
110 Hire charges- helicopter/aircraft.	0.00	0.00
111 Visa and entry permit charges	0.00	0.00
112 Tree plantation exp.-NTPC Land	0.00	0.00
113 Research & development expenses .	0.00	0.00
114 Less : Grants received for Research & development expenses.	0.00	0.00
115 Sub-total (Research & development expenses)	0.00	0.00
116 Demurrage Charges	0.00	0.00
117 Business Development Expenditure	0.00	0.00
118 Others	968,288.19	0.00
119 Total	1,868,856.14	0.00





A Maharatna Company

BARAUNI TPS

NOTE NO. 43 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET)

(Amount in ₹)

	For the Year ended	31.03.2019	31.03.2018
001	EXPENDITURE DURING CONSTRUCTION PERIOD (NET)	0.00	0.00
002	A. Employee benefits expense	0.00	0.00
003	Salaries and wages	61,902,055.91	0.00
004	Contribution to provident and other funds	8,432,740.62	0.00
005	Unwinding of deferred payroll expenses	0.00	0.00
006	Staff welfare expenses	4,466,846.21	0.00
007	Total (A)	74,801,642.74	0.00
008	B. Finance Costs	0.00	0.00
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	0.00	0.00
011	Foreign currency term loans	0.00	0.00
012	Rupee term loans	453,931,203.00	0.00
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	0.00	0.00
015	Others	0.00	0.00
016		0.00	0.00
017	Other Borrowings Costs	0.00	0.00
018	Guarantee Commission	0.00	0.00
019	Management Fees/Arrangers Fees	0.00	0.00
020	Commitment charges/Exposure Premium	0.00	0.00
021	Legal Expenses on foreign currency loans	0.00	0.00
022	Foreign currency bonds/notes expenses	0.00	0.00
023	Foreign Credit Insurance Premium	0.00	0.00
024	Upfront Fee	0.00	0.00
025	Exchange Differences	0.00	0.00
026	Others	0.00	0.00
027	Exchange differences regarded as adjustment to interest cost	0.00	0.00
028	Total (B)	453,931,203.00	0.00
029		0.00	0.00
030	C. Depreciation and amortisation	12,662,775.59	0.00
031	D. Generation , administration and other expenses	0.00	0.00
032	Power charges	9,680,955.00	0.00
033	Less: Recovered from contractors & employees	0.00	0.00
034	Sub-total(Net power charges)	9,680,955.00	0.00
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	6,013,085.00	0.00
039	Construction equipment	0.00	0.00
040	Others	84,885,251.12	0.00
041		0.00	0.00
042	Insurance	0.00	0.00

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BARAUNI TPS

NOTE NO. 43 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET)

(Amount in ₹)

For the Year ended		31.03.2019	31.03.2018
043	Rates and taxes	1,226,354.00	0.00
044	Communication expenses	2,403,585.30	0.00
045	Travelling expenses	3,853,764.58	0.00
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	Sub-total (Net tender expenses)	0.00	0.00
049	Advertisement and publicity	0.00	0.00
050	Security expenses	55,450,216.00	0.00
051	Entertainment expenses	509,924.00	0.00
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	Sub-total (Net Guest House Expenses)	0.00	0.00
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	17,567.00	0.00
061	EDP Hire and other charges	199,459.00	0.00
062	Printing and stationery	348,414.00	0.00
063	Miscellaneous expenses	3,169,534.78	0.00
064	Total (D)	167,758,109.78	0.00
065	Total (A+B+C+D)	709,153,731.11	0.00
066	E. Less: Other Income	0.00	0.00
067	Interest from	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	0.00	0.00
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	0.00	0.00
076	TOTAL (E)	0.00	0.00
077	F. Net actuarial gain/loss OCI	1,111.02	0.00
078		0.00	0.00
079	GRAND TOTAL (A+B+C+D-E+F)	709,154,842.13	0.00
080		0.00	0.00
081	* Balance carried to Capital Work-in-progress - (Note 3)	709,154,842.13	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 43A TO THE FS--EDC- COAL MINING

(Amount in ₹)

	For the Year ended	31.03.2019	31.03.2018
001	EDC- Coal Mining	0.00	0.00
002	A. Employee benefits expense	0.00	0.00
003	Salaries and wages	0.00	0.00
004	Contribution to provident and other funds	0.00	0.00
005	Unwinding of deferred payroll expenses	0.00	0.00
006	Staff welfare expenses	0.00	0.00
007	Total (A)	0.00	0.00
008	B. Finance Costs	0.00	0.00
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	0.00	0.00
011	Foreign currency term loans	0.00	0.00
012	Rupee term loans	0.00	0.00
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	0.00	0.00
015	Others	0.00	0.00
016		0.00	0.00
017	Other Borrowings Costs	0.00	0.00
018	Guarantee Commission	0.00	0.00
019	Management Fees/Arrangers Fees	0.00	0.00
020	Commitment charges/Exposure Premium	0.00	0.00
021	Legal Expenses on foreign currency loans	0.00	0.00
022	Foreign currency bonds/notes expenses	0.00	0.00
023	Foreign Credit Insurance Premium	0.00	0.00
024	Upfront Fee	0.00	0.00
025	Exchange Differences	0.00	0.00
026	Others	0.00	0.00
027	Exchange differences regarded as adjustment to interest cost	0.00	0.00
028	Total (B)	0.00	0.00
029		0.00	0.00
030	C. Depreciation and amortisation	0.00	0.00
031	D. Generation , administration and other expenses	0.00	0.00
032	Power charges	0.00	0.00
033	Less: Recovered from contractors & employees	0.00	0.00
034	Sub-total(Net power charges)	0.00	0.00
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	0.00	0.00
039	Construction equipment	0.00	0.00
040	Others	0.00	0.00
041	Cost of Captive Coal	0.00	0.00
042	Insurance	0.00	0.00
043	Rates and taxes	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 43A TO THE FS--EDC- COAL MINING

(Amount in ₹)

For the Year ended	31.03.2019	31.03.2018
044 Communication expenses	0.00	0.00
045 Travelling expenses	0.00	0.00
046 Tender expenses	0.00	0.00
047 Less: Income from sale of tenders	0.00	0.00
048 Sub-total (Net tender expenses)	0.00	0.00
049 Advertisement and publicity	0.00	0.00
050 Security expenses	0.00	0.00
051 Entertainment expenses	0.00	0.00
052 Guest house expenses	0.00	0.00
053 Less: Receipt from guest house	0.00	0.00
054 Sub-total (Net Guest House Expenses)	0.00	0.00
055 Education expenses	0.00	0.00
056 Brokerage & Commission	0.00	0.00
057 Books and periodicals	0.00	0.00
058 Community development expenses	0.00	0.00
059 Professional charges and consultancy fee	0.00	0.00
060 Legal expenses	0.00	0.00
061 EDP Hire and other charges	0.00	0.00
062 Printing and stationery	0.00	0.00
063 Miscellaneous expenses	0.00	0.00
064 Total (D)	0.00	0.00
065 Total (A+B+C+D)	0.00	0.00
066 E. Less: Other Income	0.00	0.00
067 Interest from	0.00	0.00
068 Indian banks	0.00	0.00
069 Foreign banks	0.00	0.00
070 Others	0.00	0.00
071 Contractors	0.00	0.00
072 Hire charges	0.00	0.00
073 Sale of scrap	0.00	0.00
074 Exchange Differences	0.00	0.00
075 Miscellaneous income	0.00	0.00
076 TOTAL (E)	0.00	0.00
077 F. Net actuarial gain/loss OCI	0.00	0.00
078	0.00	0.00
079 GRAND TOTAL (A+B+C+D-E+F)	0.00	0.00
080	0.00	0.00
081 * Balance carried to Capital Work-in-progress - (Note 3)	0.00	0.00





A Maharatna Company

BARAUNI TPS

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 Balance sheet	0.00	0.00
002 Freehold land for which conveyancing of the title is awaiting completion of legal formalities	0.00	0.00
003 (a) area (in acres)	0.00	0.00
004 (b) value (in rs)	0.00	0.00
005 Leasehold land for which execution of lease deed is awaiting completion of legal formalities	0.00	0.00
006 (a) area (in acres)	911.84	0.00
007 (b) value (in rs)	1.00	0.00
008 Lease hold land acquired on perpetual lease and accordingly not amortised	0.00	0.00
009 (a) area (in acres)	0.00	0.00
010 (b) value (in rs.)	0.00	0.00
011 Land in physical possession of the company which has not been shown in the books pending settlement of price (in acres)	0.00	0.00
012 Deposit with government authorities towards land in possession of the company included in cost of land which is subject to adjus	0.00	0.00
013 Land not in possession of the company	0.00	0.00
014 (a) area (in acres)	0.00	0.00
015 (b) value (in rs)	0.00	0.00
016 Leasehold buildings pending completion of legal formalities - value (in rs.)	0.00	0.00
017 Estimated amount of contracts remaining to be executed on capital account and not provided for	0.00	0.00
018 Property, plant & equipment	1,595,985,895.00	0.00
019 Intangible assets	0.00	0.00
020 Details of precommissioning expenditure	0.00	0.00
021 (a) precommissioning expenses	0.00	0.00
022 (b) precommissioning income	0.00	0.00
023 (c) net precommissioning expenditure	0.00	0.00
024 Compensation to key management personnel (including co secretary/ cmd and non executive directors)	0.00	0.00
025 Short term employee benefits	0.00	0.00
026 Post employment benefits	0.00	0.00
027 Other long term benefits	0.00	0.00
028 Directors sitting fee	0.00	0.00
029 Termination benefits	0.00	0.00
030 Share based payments	0.00	0.00
031 Exchange rate variation taken to revenue during the year (with -ve sign, if favourable)	0.00	0.00
045 Exchange rate variation capitalised during the year (with -ve sign, if favourable)	0.00	0.00
050 Finance lease	0.00	0.00
051 A) obligations towards minimum lease payments	0.00	0.00
052 Not later than one year	0.00	0.00
053 Later than one year and not later than five years	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS

(Amount in ₹)

As at	31.03.2019	31.03.2018
054 Later than five years	0.00	0.00
055 Total	0.00	0.00
056 B) present value of (a) above	0.00	0.00
057 Not later than one year	0.00	0.00
058 Later than one year and not later than five years	0.00	0.00
059 Later than five years	0.00	0.00
060 Total	0.00	0.00
061 C) finance charges	0.00	0.00
062 Operating leases	0.00	0.00
063 A) rent	0.00	0.00
064 Company lease accomodation - executives	0.00	0.00
065 Company lease accomodation - directors	0.00	0.00
066 Others	0.00	0.00
067 Total	0.00	0.00
068 B) (i) receipts from sub-lease of office buildings	0.00	0.00
069 (ii) receipts from sub-lease of helicopter	0.00	0.00
070 Borrowing cost capitalised during the year	453,931,203.00	0.00
071 Revenue grants recognized during the year	0.00	0.00
072 Revenue expenditure on research and development	0.00	0.00
073 Capital expenditure on research and development.	0.00	0.00
074	0.00	0.00
075 Expenditure on sustainability development - capital	0.00	0.00
076 Expenditure on csr- capital	0.00	0.00
077 Csr amount spent during the year, yet to be paid in cash	0.00	0.00
078 Constn/acquisition of any asset	0.00	0.00
079 On purpose other than above	0.00	0.00
080 Bank guarntee received from joint venture companies	0.00	0.00
081	0.00	0.00
082 Disclosure under msmed act 2006.	0.00	0.00
083 (i) (a) the principal amount remaining unpaid as at 31.03.2019	5,192,681.00	0.00
084 (i) (b) interest due there on remaining unpaid as at 31.03.2019	0.00	0.00
085 (ii) the amount of interest paid by the buyer in terms of section 16, along with the amounts of the payment made to the supplier	0.00	0.00
086 (iii) the amount of interest due and payable for the period of delay in making payment(which has been paid but beyond the appoin	0.00	0.00
087 (iv) the amount of interest accrued and remaining unpaid at the end of the year; and	0.00	0.00
088 (v) the amount of further interest remaining due and payable even in the succeeding years, until such date when the interest due	0.00	0.00
111	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS

(Amount in ₹)

As at	31.03.2019	31.03.2018
112 Amount of inventories recognized as an expense (including fuel)	39,412.00	0.00
113 Amount of inventories capitalised as overhauling assets out of 112 above	0.00	0.00
114 Amount capitalised as edc out of 112 above	0.00	0.00
134	0.00	0.00
135 Contingent liabilities	0.00	0.00
136 A. Claims against the company not acknowledged as debts in respect of :	0.00	0.00
137 (i)Capital works	27,166,619.00	0.00
138 (ii)Land compensation cases	0.00	0.00
139 (iii)Others by state authorities towards:-	0.00	0.00
140 (a) Water royalty / water charges / nala tax	0.00	0.00
141 (b) Diversion of land / building permission fees	0.00	0.00
142 (c) Other demands by state authorities	0.00	0.00
143 (iv) Others by fuel companies	0.00	0.00
144 (a) Disputes related to grade slippage-third party sampling	0.00	0.00
145 (b) Surface transportation charges on coal	0.00	0.00
146 (c) Take or pay claim - Gas stations	0.00	0.00
147 (d) Other claims by fuel companies not acknowledged as debt	0.00	0.00
149 B.Disputed tax demands	0.00	0.00
150 (i) Income tax	0.00	0.00
151 (ii) Excise duty	0.00	0.00
152 (iii) Sales tax	0.00	0.00
153 (iv) Service tax	0.00	0.00
154 (v) Entry tax	0.00	0.00
155 C. Others	0.00	0.00
156 Total	27,166,619.00	0.00
157 D. Possible reimbursement on account of contingent liabilities	0.00	0.00
158 (i) Capital works	0.00	0.00
159 (ii)Land compensation cases	0.00	0.00
160 (iii)Others (by state authorities)	0.00	0.00
161	0.00	0.00
162 (iv) Others by fuel companies	0.00	0.00
163 (v) Disputed income tax demand	0.00	0.00
164 (vi) Disputed tax demands -others	0.00	0.00
165 (vii) Others	0.00	0.00
167 Total	0.00	0.00
168 E.AMOUNT PAID UNDER PROTEST/ADJUSTED BY AUTHORITIES - TAX CASES	0.00	0.00
169	0.00	0.00
170 F.CONTINGENT ASSETS	0.00	0.00
171	0.00	0.00
172	0.00	0.00
173	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS

(Amount in ₹)

As at	31.03.2019	31.03.2018
175 Previous year figures have been regrouped/rearranged wherever necessary.	0.00	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 44-B TO THE FS--RPD DISCLOSURE- TRANSACTIONS DURING THE PERIOD

(Amount in ₹)

	For the Year ended	31.03.2019	31.03.2018
001	1) Transactions during the year- subsidiaries	0.00	0.00
002	Contracts for works/services for services received by the company	0.00	0.00
003	Contracts for works/services for services provided by the company	0.00	0.00
004	Deputation of employees	0.00	0.00
005	Purchases or sales of goods	0.00	0.00
006	Purchases or sales of property and other assets	0.00	0.00
007	Sub-total	0.00	0.00
008		0.00	0.00
009	Dividend received	0.00	0.00
010	Equity contributions made	0.00	0.00
011	Share application money pending allotment	0.00	0.00
012	Loans granted	0.00	0.00
013	Guarantees received	0.00	0.00
014	Guarantees provided	0.00	0.00
015	Sub-total	0.00	0.00
016		0.00	0.00
017	Transactions during the year- jvs	0.00	0.00
018	Contracts for works/services for services received by the company	0.00	0.00
019	Contracts for works/services for services provided by the company	0.00	0.00
020	Deputation of employees	0.00	0.00
021	Purchases or sales of goods	0.00	0.00
022	Purchases or sales of property and other assets	0.00	0.00
023	Sub-total	0.00	0.00
024		0.00	0.00
025	Dividend received	0.00	0.00
026	Equity contributions made	0.00	0.00
027	Share application money pending allotment	0.00	0.00
028	Loans granted	0.00	0.00
029	Guarantees received	0.00	0.00
030	Guarantees provided	0.00	0.00
031	Sub-total	0.00	0.00
032	Total	0.00	0.00
033	Transactions with post employment benefit plans	0.00	0.00
034	Contributions made during the year	0.00	0.00
035	Compensation to key management personnel	0.00	0.00
036	Short term employee benefits	0.00	0.00
037	Post employment benefits	0.00	0.00
038	Other long term benefits	0.00	0.00
039	Termination benefits	0.00	0.00
040	Share based payments	0.00	0.00
041	Sub-total	0.00	0.00
042	Transactions with the related parties under the	0.00	0.00

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A Maharatna Company

BARAUNI TPS

NOTE NO. 44-B TO THE FS--RPD DISCLOSURE- TRANSACTIONS DURING THE PERIOD

(Amount in ₹)

For the Year ended	31.03.2019	31.03.2018
control of the same government:		
043 Coal india ltd.. And its subsidiaries- purchase of coal	0.00	0.00
044 Singareni coalfields ltd- purchase of coal	0.00	0.00
045 Bhel ltd.	0.00	0.00
046 Purchase of equipment, supply & erection services	0.00	0.00
047 Purchase of spares	0.00	0.00
048 Maintenance services	0.00	0.00
049 Sub-total	0.00	0.00
050 Gail (i) ltd. Supply of natural gas	0.00	0.00
051 Iocl supply of oil products	0.00	0.00
052 Bpcl-supply of natural gas and oil	0.00	0.00
053 Sail-supply of steel and iron products	0.00	0.00
054 Other entities	0.00	0.00
055 Purchase of equipments & erection services	0.00	0.00
056 Purchase of spares	0.00	0.00
057 Maintenance services	1,428,993.85	0.00
058 Total	1,428,993.85	0.00
059 Transaction with other	0.00	0.00
060 Transaction with ntpc education and research society and ntpc foundation	0.00	0.00
061 - transactions during the year	0.00	0.00
062 ADDITIONAL TRANSACTIONS WITH RELATED PARTIES FOR PSU	0.00	0.00



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A Maharatna Company

BARAUNI TPS

NOTE NO. 44-C TO THE FS--RPD DISCLOSURE- OUTSTANDING BALANCES

(Amount in ₹)

As at	31.03.2019	31.03.2018
001 Outstanding balance	0.00	0.00
002 Amount recoverable towards loans	0.00	0.00
003 - From Subsidiaries	0.00	0.00
004 - From JVC	0.00	0.00
005 - From KMP	0.00	0.00
006 - From Others	0.00	0.00
007 Sub-total	0.00	0.00
008 Amount recoverable other than loan	0.00	0.00
009 - from subsidiaries	0.00	0.00
010 - from joint ventures	0.00	0.00
011 - from key managerial personnel	0.00	0.00
012 - from post employment benefit plans	0.00	0.00
013 - from others	0.00	0.00
014 Sub-total	0.00	0.00
015 Amount payable	0.00	0.00
016 - from subsidiaries	0.00	0.00
017 - from joint ventures	0.00	0.00
018 - from key managerial personnel	0.00	0.00
019 - from post employment benefit plans	0.00	0.00
020 - from others	0.00	0.00
021 Sub-total	0.00	0.00
022	0.00	0.00



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