

BEFORE THE HON'BLE PUNJAB STATE ELECTRICITY**REGULATORY COMMISSION, CHANDIGARH****PETITION NO. OF 2020****IN THE MATTER OF:**

GVK Power (Goindwal Sahib) Limited

Plot No.10, Paigah House,

Sardar Patel Road,

Secunderabad – 500003

...Petitioner

Versus

Punjab State Power Corporation Limited

The Mall, Patiala (Punjab)

...Respondent

Application for Annual Performance Review of 2X270 MW Goindwal Sahib Thermal Power Plant at Goindwal Sahib, Punjab for the FY 2019-20 in terms Punjab State Electricity Regulatory Commission (Terms and Conditions for Determination of Generation, Transmission, Wheeling and Retail Supply Tariff) Regulations, 2014” (PSERC MYT Regulations 2014).

Most respectfully showeth the petition as follows: -

I. Conspectus

1. The present Petition has been filed in terms of Regulation 11 of the PSERC (Terms and Conditions for Determination of Generation, Transmission, Wheeling and Retail Supply Tariff) Regulations, 2014 (“**PSERC Tariff Regulations 2014**”) seeking Annual Performance Review for FY 2019-20 (“**APR**”).

2. GVK Power (Goindwal Sahib) Limited (“**Petitioner/GVK**”) is a company incorporated under the provisions of Companies Act 1956 and a generating company as per Section 2(28) of the Electricity Act, 2003 (“**Electricity Act**”) with the object of engaging in the business of establishing, maintaining and operating

a 2X270MW (540 MW) coal based thermal power station at Goindwal Sahib in the State of Punjab ("**Project**"). For the generation, sale and purchase of electricity from the Project, an Amended and Restated Power Purchase Agreement, dated 25.06.2009 ("**PPA**") was entered into between the Petitioner and the Punjab State Power Corporation Limited ("**the Respondent/PSPCL**"). Under the terms of the PPA, the entire power generated by the Petitioner from the Project shall be sold exclusive to the Respondent, including the full capacity of the Project.

3. This Hon'ble Commission has vide Order dated 05.08.2020 in Petition No. 69 of 2017 has determined the Annual Revenue Requirement for FY 2017-18 and FY 2018-19. Furthermore, the true-up of FY 2017-18 and FY 2018-19 has been done by the Hon'ble Commission vide its order dated 17.09.2020 in Petition No. 34 of 2019. In this context, it is submitted that the Petitioner is in the process of challenging the Order dated 05.08.2020 before the Hon'ble Appellate Tribunal for Electricity ("**Hon'ble Tribunal**") and reserves its rights in this regard.

II. Regulatory Provision of filing APR Petition

4. Regulation 11 of PSERC Tariff Regulations 2014 deals with application for APR as under:

"11.1. The Applicant shall make an application for Annual Performance Review and tariff resetting not less than 120 days before the close of each year of the control period.

11.2. The distribution licensee also carrying out the generation business shall ensure that the application contains segregated accounts and records of performance of generation and distribution businesses.

11.3. The Applicant shall publish its application filed for Annual Performance Review as required by Conduct of Business Regulations. The Applicant shall also display the application on its official website.

11.4. The Annual Performance Review shall include the details of actual capital expenditure, details of income tax paid and actual operational and cost data to enable the Commission to monitor the implementation of its order including comparison of actual performance with the approved forecasts (and reasons for deviations). In addition, the Applicant shall also submit Annual Statement of its performance of generation business (indicating the cost data - plant-wise, and performance parameters - unit-wise), transmission business or distribution business, as the case may be, including a copy of its latest audited accounts.

11.5. The Applicant shall provide any other information, as may be asked for by the Commission with a view to assess the reasons and extent of any variation in the performance from the approved forecast and the need for tariff resetting.

11.6. In the application, Applicant shall submit information for the purpose of calculating expected tariff and expenditure along with information on financial and operational performance for the previous year(s). The information for the previous year(s) shall be based on audited accounts and in case audited accounts for the previous year(s) are not available, audited accounts for the latest previous year shall be filed along with unaudited accounts (provisional accounts) for all the succeeding years.

11.7. The scope of the Annual Performance Review shall be a comparison of the performance of the Applicant with the approved forecast of ARR along with the performance targets specified by the Commission.

11.8. The Commission shall review the application made under the preceding clauses based on the same principles as approved in the MYT Order on original application for determination of ARR and Tariff and upon completion of such review, either approve the proposed modification(s)

with such changes as it deems appropriate, or reject the application for reasons to be recorded in writing.”

5. It is submitted that the Petitioner was unable to file the APR petition during the time period stipulated in the PSERC Tariff Regulations 2014. It is prayed that this Hon’ble Commission may be pleased to condone the delay in filing the petition.

III. Plant Performance During FY 2019-20

6. The plant performance during the FY 2019-20 has been as follows:

Table 1 Plant Operational Parameters

Particular	Unit	FY 2019-20
Plant Capacity	MW	540
PLF	%	27.73%
Plant Availability	%	99.31%
Station Heat Rate	Kcal/kWh	2358
Gross Generation	MU	1311.52
Auxiliary Consumption	%	9.26%
Net Generation	MU	1190

7. It is submitted that the plant is expected to achieve a PLF of 27.73% as the entire power generated from the plant is sold to PSPCL and therefore the generation is as per the instructions issued by PSPCL from time to time.

8. It is further submitted that the Station Heat Rate (“**SHR**”) and Auxiliary Consumption are on the higher side as compared to the normative parameters provided by Hon’ble Central Electricity Regulatory Commission (“**Hon’ble CERC**”). The reason for deviation is on account of part load operations of the plant for most of the year based on dispatch instructions. Therefore, the normative parameters on auxiliary consumptions and the SHR could not be

achieved and it is prayed that this Hon'ble Commission may allow SHR and Auxiliary Consumption on actuals.

9. The normative parameters of operation for the FY 2019-20 are as follows:

Table 2 Other Operational Parameters

Particular	Unit	FY 2019-20
Secondary Fuel Oil Consumption	ml/kWh	0.89
Transit Losses	%	1.6

The petitioner humbly pleads the Hon'ble Commission to approve the above operating parameters for FY 2019-20.

A. Capital Expenditure

10. The petitioner submits that it has incurred a capital expenditure of Rs. 0.698 Crores in FY 2019-20 on account of setting up Coal Testing laboratory pursuant to this Hon'ble Commission's Order dated 06.03.2019 in Petition No. 68 of 2017. The said expenses have already been approved by this Hon'ble Commission by way of Order dated 30.07.2020 in Petition No.70 of 2019 and that the same may be considered for the purposes of the present Petition.

B. Annual Fixed Charges

B1. Depreciation:

11. It is submitted that Regulation 21 of the PSERC Tariff Regulations, 2014, as amended by Notification dated 03.02.2016, provides for calculation of Depreciation in respect of Coal Based Thermal Generating Plants which is reproduced hereunder:

"21. For the purpose of tariff, depreciation shall be computed in the following manner:

21.1. The value base for the purpose of depreciation shall be the capital cost of the assets admitted by the Commission:

Provided that land other than the land held under lease and the land for reservoir in case of hydro generating station shall not be a depreciable asset and its cost shall be excluded from the capital cost while computing depreciable value of the asset;

Provided further that depreciation shall be calculated after deduction of consumer contributions, capital subsidies/ Government grants.

Provided further that Govt. grants and consumer contribution shall also be recognized as defined under Indian Accounting Standard 20 (IND AS 20) notified by the Ministry of Corporate Affairs.

21.2. The cost of the asset shall include additional capitalization.

21.3. The cost shall include foreign currency funding converted to equivalent rupees at the exchange rate prevalent on the date when foreign currency shall actually be availed but not later than the date of commercial operation.

21.4. Depreciation for generation and transmission assets shall be calculated annually as per straight line method over the useful life of the asset at the rate of depreciation specified by the Central Electricity Regulatory Commission from time to time.

21.5. Depreciation for distribution assets and other assets not specified by CERC shall be at the rates notified by the Commission:

Provided that the total depreciation during the life of the asset shall not exceed 90% of the original cost;

Provided that the remaining depreciable value as on 31st March of the year closing after a period of 12 years from date of commercial

operation/ put in use of the asset shall be spread over the balance useful life of the assets;

Provided further that in case of hydro generating stations, the salvage value shall be as provided in the agreement signed by the developers with the State Government for creation of the site.

21.6. Depreciation shall be chargeable from the first year of commercial operation/asset is put in use. In case of commercial operation of the asset/put in use of asset for part of the year, depreciation shall be charged on pro rata basis.”

12. In terms of the foregoing, the depreciation for FY 2019-20 works out as under:

Table 3 Depreciation for FY 2019-20 (Rs. Cr.)

Particulars	Amount (Rs. Crore)
Opening Capital Cost	3,072.11
Less: Undischarged liabilities included in above	-
Opening Capital Cost excluding undischarged liabilities	3,072.11
Additional capitalization during the year	0.70
Less: Undischarged liabilities included in additional capitalization	-
Add: Liabilities discharged during the year	-
Closing Capital Cost	3,072.81
Average Capital Cost	3,072.46
Freehold land	96.75
Rate of depreciation	4.77%
Remaining depreciable value	2,678.14
Depreciation (annualised)	146.55

Particulars	Amount (Rs. Crore)
Depreciation (for the period)	146.55
Cumulative depreciation at the end of the period	579.03

13. Pertinently, it is submitted that this Hon'ble Commission by way of Order dated 05.08.2020 in Petition No. 69 of 2017 has allowed depreciation as Rs. 142.83 Crores. The petitioner prays that the Hon'ble Commission may be pleased to approve the depreciation for the FY 2019-20 as Rs. 146.55 Crore.

B2. Debt- Equity Ratio and Return on Equity

14. Regulations 19 and 20 of PSERC Tariff Regulations, 2014 provide for Debt Equity Ratio and Return on Equity which are as under:

19.1. Existing Projects - In case of the capital expenditure projects having Commercial Operation Date prior to the effective date, the debt-equity ratio shall be as allowed by the Commission for determination of tariff for the period prior to the effective date:

Provided that the Commission shall not consider the increase in equity as a result of revaluation of assets (including land) for the purpose of computing return on equity.

19.2. New Projects – For capital expenditure projects declared under commercial operation on or after the effective date:

- a. A Normative debt-equity ratio of 70:30 shall be considered for the purpose of determination of Tariff;*
- b. In case the actual equity employed is in excess of 30%, the amount of equity for the purpose of tariff determination shall be limited to 30%, and the balance amount shall be considered as normative loan;*

- c. *In case, the actual equity employed is less than 30%, the actual debt-equity ratio shall be considered;*
- d. *The premium, if any raised by the Applicant while issuing share capital and investment of internal accruals created out of free reserve, shall also be reckoned as paid up capital for the purpose of computing return on equity subject to the normative debt-equity ratio of 70:30, provided such premium amount and internal accruals are actually utilized for meeting capital expenditure of the Applicant's business.*

19.3. Renovation and Modernization: Any approved capital expenditure incurred on Renovation and Modernization including the approval in the Capital Investment plan shall be considered to be financed at normative debt-equity ratio of 70:30. If the actual equity employed is less than 30% then the actual debt equity ratio shall be considered.

[...]

20. Return on Equity shall be computed at the rate of 15.5% on the paid-up equity capital determined in accordance with regulation 19:

Provided that assets funded by consumer contributions, capital subsidies/Govt. grants shall not form part of the capital base for the purpose of calculation of Return on Equity."

15. It is submitted that the actual equity invested in the project amounts to Rs. 1251 Crores which is more than the 30% of the Capital Cost of Rs. 3058.37 Crores, as approved by this Hon'ble Commission by way of Order dated 17.01.2020 in Petition 54 of 2017. Hence a normative debt equity ratio of 70:30 has been considered for calculation of Return on Equity.

Table 4 Return on Equity for FY 2019-20 (Rs. Cr.)

Particulars		Amount incurred during FY 2019 - 20
Opening Gross Block (excluding undischarged liabilities)	(a)	3,072.11
Equity percentage in Opening Gross Block	(b)	30.0%
Normative Opening Equity (= a x b)	(c)	921.63
Normative Equity addition @ 30% due to additional capitalization during the year	(d)	0.21
Normative Equity addition considered for ROE computation	(e)	0.21
Normative Closing Equity (= c + e)	(f)	921.84
Average Equity (= Average of c and f)	(g)	921.74
Normative Rate of ROE as per PSERC 2014 Tariff Regulations	(h)	15.50%
Return on Equity (= h x g)		142.87

16. The petitioner humbly prays the Hon'ble Commission to approve Rs. 142.87 Crores as the Return on Equity for FY 2019-20 as follows:

B3. Interest on Loan

17. It is submitted that Regulation 24 of the PSERC Tariff Regulations, 2014 provides for Interest and Finance Charges on Loan Capital as under:

"24.1. For existing loan capital, interest and finance charges on loan capital shall be computed on the outstanding loans, duly taking into account the actual rate of interest and the schedule of repayment as per the terms and conditions of relevant agreements. The rate of interest shall be the actual

rate of interest paid/payable (other than working capital loans) on loans by the licensee or the State Bank of India Advance Rate as on April 1 of the relevant year, whichever is less.

24.2. Interest and finance charges on the actual loan capital for new investments shall be computed on the loans, duly taking into account the actual rate of interest and the schedule of repayment as per the terms and conditions of relevant agreements. The rate of interest shall be the actual rate of interest paid/payable (other than working capital loans) on loans by the licensee or the State Bank of India Advance Rate as on April 1 of the relevant year, whichever is less.

24.3. The repayment for each year of the tariff period shall be deemed to be equal to the depreciation allowed for the corresponding year. In case of de-capitalisation of assets, the repayment shall be adjusted by taking into account cumulative depreciation made to the extent of de-capitalisation.

24.4. The Commission shall allow obligatory taxes on interest, finance charges (including guarantee fee payable to the Government) and any exchange rate difference arising from foreign currency borrowings, as finance cost.

24.5. The interest on excess equity treated as loan shall be serviced at the weighted average interest rate of actual loan taken from the lenders.”

18. It is submitted that the interest payable by the Petitioner towards Long Term Loans has been calculated on the outstanding loan amounts and prevailing interest rates on the said amounts on the basis of the Completed Capital Cost of the Project as determined by this Hon'ble Commission by way of Order dated 17.01.2020 in Petition No. 54 of 2017. The interest expenses have been computed taking into account repayment towards outstanding loan amounts and applicable interest rates in line with the PSERC Tariff Regulations, 2014.

19. In terms of the PSERC Tariff Regulations, 2014, the computation of interest on term loans is based on the following:

- (a) The opening gross normative loan on the Completed Capital Cost as approved by this Hon'ble Commission.
- (b) The rate of interest has been considered at the actual applicable advance rate of State Bank of India as on 01.04.2019.
- (c) The repayment during the year has been considered equal to the depreciation allowed for that year.

20. It is submitted that GVK has considered 70% of the capital cost as normative loan for the purpose of calculation of interest on loan. The actual rate of interest of the term loans has been 13.22% for the FY 2019-20. The SBI Benchmark rate as on 01.04.2019 was 13.7% which is higher than the actual rate of interest. Hence the petitioner has considered actual rate of interest of 13.22% for the calculation of Interest on Loan.

Table 5 Interest on Loan for FY 2019-20 (Rs. Cr.)

S. No	Particulars	Interest for 2019-20
1	Gross Normative Loan – Opening	2,150.48
2	Cumulative Repayment up to Previous Year (Cumulative Depreciation up to previous year)	432.49
3	Net Loan Opening	1,717.99
4	Less: Repayment During the Year (Considering Depreciation as Principal Repayment)	146.55
5	Loan Addition due to Additional Capitalization during the year (= Actual	0.49

	Additional Capitalization - Normative Equity Addition considered for ROE computation)	
6	Net Loan Closing	1,571.93
7	Average Loan	1,644.96
8	Weighted Average Rate of Interest on Loan (Normative)	13.22%
9	Interest on Loan	217.50

21. However, it is submitted that during the FY 2019-20, GVK had paid a sum of Rs. 98.32 Crores towards the interest on long term borrowings and thus prays that the Hon'ble Commission may be pleased to consider the amount paid towards the loan for the purpose of determination of Annual Fixed Cost for FY 2019-20. A copy of the certificate issued by a Chartered Accountant is annexed hereto and marked as **Annexure P-1**.

B4. Operation and Maintenance Expenses

22. It is submitted that Regulation 26 of the PSERC Tariff Regulations, 2014 provides for the Operation & Maintenance expenses along with its subsequent amendment vide 03.02.2016 is reproduced hereunder:

26.1. The O&M expenses for the nth year of the Control Period shall be approved based on the formula shown below:

$$\mathbf{O\&Mn = (R\&Mn + EMPn + A\&Gn) \times (1-Xn)}$$

Where,

R&Mn – Repair and Maintenance Costs of the Applicant for the nth year;

EMPn – Employee Cost of the Applicant for the nth year;

A&Gn – Administrative and General Costs of the Applicant for the nth year;

The above components shall be computed in the manner specified below:

$$\mathbf{(i) R\&Mn + A\&Gn = K * GFA * (WPI_n / WPI_{n-1})}$$

Where,

'K' is a constant (expressed in %) governing the relationship between R&M and A&G expenses and Gross Fixed Assets (GFA) for the nth year. The value of "K" will be specified by the Commission in the MYT order.

'GFA' is the average value of the Gross Fixed Assets of the nth year.

'WPI_n' means the average rate (on monthly basis) of Wholesale Price Index (all commodities) over the year for the nth year.

(ii) $EMP_n = (EMP_{n-1}) * (INDEX_n / INDEX_{n-1})$

INDEX_n - Inflation Factor to be used for indexing the Employee Cost.

This will be a combination of the Consumer Price Index (CPI) and the Wholesale Price Index (WPI) of nth year and shall be calculated as under: -

$INDEX_n = 0.50 * CPI_n + 0.50 * WPI_n$

'WPI_n' means the average rate (on monthly basis) of Wholesale Price Index (all commodities) over the year for the nth year.

'CPI_n' means the average rate (on monthly basis) of Consumer Price Index (Industrial workers) over the year for the nth year.'

23. The petitioner submits that it has incurred an amount of Rs. 15.12 Crore towards the employee cost for the FY 2019-20.

24. The petitioner submits that a competent salary hike is necessary for retention of employees. Further, Note 6 to Regulation 26 of PSERC Tariff Regulations 2014 provides that an increase in employee cost on account of pay revision etc. would be considered separately by the Hon'ble Commission. Therefore, it is prayed that the Hon'ble Commission may be pleased to approve the Employee Expenses claimed above.

25. The petitioner further submits that the A&G and R&M Expenses for the FY 2019-20 are as follows:

Table 6 A&G and R&M Expenses for FY 2019-20 (Rs. Cr.)

Particular	Expenses in FY 2019-20
A&G Expenses	46.84
R&M Expenses	33.71
Total	80.54

26. The petitioner thus prays the Hon'ble Commission to approve the O&M Expenses of Rs. 95.66 Crore for the FY 2019-20.

B5. Interest on Working Capital

27. It is submitted that Regulation 34 of the PSERC Tariff Regulations, 2014 provides for components of Interest on Working Capital in respect of Coal Based Thermal Generating Plants which is reproduced hereunder:

"34.1. Components of Working Capital

a. Coal-based Thermal Generating Plants: The Working Capital shall cover the following:

- i. Fuel Cost for 2 months corresponding to the normative annual plant availability factor;*
- ii. Operation and maintenance (O&M) Expenses for 1 month;*
- iii. Maintenance spares @ 15% of the O&M expenses;*
- iv. Receivables equivalent to two (2) months of fixed and variable charges for sale of electricity calculated on the normative annual plant availability factor.*

28. The petitioner submits that it has calculated the Working Capital in line with the above regulations as follows:

Table 7 Working Capital for FY 2019-20 (Rs. Cr.)

S. No.	Particulars	FY 2019-20
A	For Coal Based Generating Stations	

1	Cost of Fuel for 2 months corresponding to Normative Annual Plant Availability Factor.	272.93
2	O&M expenses for 1 month	7.97
3	Receivables equivalent to 2 months of fixed & variable charges for sale of electricity calculated on the normative annual plant availability factor	383.62
4	Maintenance Spares (@15% of O&M Expenses)	14.35
	Total	678.87
B	Working Capital	12.25%

29. In terms of Regulation 25.1 of PSERC Tariff Regulations 2014, Rate of interest on working capital it is under:

“The rate of interest on working capital shall be equal to the actual rate of interest paid on working capital loans by the licensee/generating company/SLDC or the State Bank of India Advance Rate as on April 1 of the relevant year, whichever is less. The interest on working capital shall be payable on normative basis notwithstanding that the licensee/generating company/SLDC has not taken working capital loan from any outside agency or has exceeded the working capital loan amount worked out on the normative figures. In case, the licensee/generating company/SLDC has not availed any working capital loan during the year, the rate of interest shall be weighted average of the interest rates on working capital loan of the previous three years

30. It is submitted that the actual rate of interest on working capital loan has been 12.25% which is lower than the prevalent SBI rate of 13.7% on 01.04.2019. Hence the interest rate of 12.25% has been considered for the purpose of calculation of interest rate on working capital calculated above.

Table 8 Interest on Working Capital for FY 2019-20 (Rs. Cr.)

Particular	Amount incurred for FY 2019-20
Total Working Capital	678.87
Rate in Interest on Working Capital	12.25%
Interest	83.16

C. Fuel Cost

31. The weighted average GCV of coal on ARB basis has been considered for calculation of fuel cost for the year FY 2019-20

Table 9 GCV and Price of Fuel for FY 2019-20 (Rs. Cr.)

Particular	Unit	Amount FY 2019-20
GCV of Coal	Kcal/kg	3358
Price of Coal	Rs./MT	5871
GCV of Oil	Kcal/L	9019
Price of Oil	Rs./Kl	44949

32. On the basis of the parameters tabulated above the fuel cost for FY 2019-20 has been worked out as follows and the Hon'ble Commission be pleased to approve the same:

Table 10 Fuel Cost for FY 2019-20 (Rs. Cr.)

Particular	Cost for FY 2019-20
Cost of Coal	538.52
Cost of Secondary Fuel	5.27
Total Fuel Cost	543.79
Net Generation (MU)	1190
Energy Charge (Rs. /kWh)	4.57

D. Other Income

33. The other income for the FY 2019-20 is as follows and that the same may graciously be approved by the Hon'ble Commission:

Table 11 Other Income for FY 2019-20 (Rs. Cr.)

Particular	Income during FY 2019-20
Interest on Bank FD	2.57
Interest on Delayed Payments	19.01
Sale of Scrap	0.05
Total	21.59

E. Aggregate Revenue Requirement

34. Based on the above submissions the Net Revenue Requirement is as follows:

Table 12 Aggregate Revenue Requirement for FY 2019-20 (Rs. Cr.)

S. No	Particular	Cost incurred for FY 2019 - 20
1	Fuel Cost	
a)	Primary Fuel Cost	538.52
b)	Secondary Fuel Cost	5.27
2	SLDC Fees & Charges	
3	O&M expenses (Gross)	95.66
	a) R&M Expenses	
	b) Employee Expenses	
	c) A&G Expenses	
4	Depreciation	146.55
5	Interest on Loans	217.50
6	Interest on Working Capital	83.16

7	Prior Period Expense	
8	Extraordinary Items	
9	Other Debts and Write-offs	
10	Income Tax	0.00
11	Less: Expenses capitalised	
	a) Interest Charges Capitalized	
	b) R&M Expenses Capitalized	
	c) A&G Expense Capitalized	
	d) Employee Expenses Capitalized	
	Subtotal (a+b+c+d)	0.00
	Subtotal Expenditure (1+2+3+4+5+6+7+8+9+10-11)	1086.67
C	Return on Equity	142.87
D	Non Tariff and other Income	21.64
E	Annual Revenue Requirement (B+C-D)	1207.90

35. The copies of the tariff forms as per the PSERC Tariff Regulations 2014 are annexed hereto and marked as **Annexure P - 2 (Colly)**

36. It is further submitted that the Statutory Auditor for the Petitioner herein as well as for Mumbai International Airport Limited (“**MIAL**”), another group Company, is the same. Due to an ongoing investigation by the relevant authorities in connection to certain issues pertaining to MIAL, the Statutory Auditor could not issue the audit report for the Petitioner. In this regard, GVK humbly prays that the Hon’ble Commission may be pleased to consider the amounts based on the submissions herein. GVK undertakes to forthwith submit the Audited Certificate of Accounts as and when the same have been duly signed / certified by the Statutory Auditor.

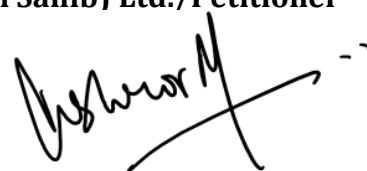
IV. Prayer

37. In view of the foregoing submissions, it is prayed that this Hon'ble Commission:

- (a) Approve this Annual Performance Review for FY 2019-20 as detailed in the present Petition.
- (b) Pass any such further order as this Hon'ble Commission may deem necessary in the interest of justice.

GVK Power (Goindwal Sahib) Ltd./Petitioner

Through



J. Sagar Associates
Advocates for the Petitioner
B-303, 3rd Floor, Ansal Plaza,
Hudco Place, August Kranti Marg,
New Delhi - 110049

Place: Hyderabad
Date: 28.09.2020

**BEFORE THE PUNJAB STATE ELECTRICITY REGULATORY COMMISSION
AT CHANDIGARH**

PETITION NO. OF 2020

IN THE MATTER OF:

Application for Annual Performance Review of 2X270 MW Goindwal Sahib Thermal Power Plant at Goindwal Sahib, Punjab for the FY 2019-20 in terms Punjab State Electricity Regulatory Commission (Terms and Conditions for Determination of Generation, Transmission, Wheeling and Retail Supply Tariff) Regulations, 2014"

IN THE MATTER OF:

GVK Power (Goindwal Sahib) Limited
Paigarh House,
156 - 159, Sardar Patel Road,
Secunderabad - 540 003

...Petitioner

Versus

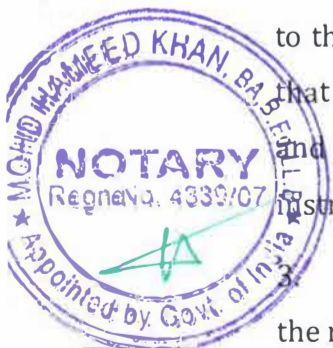
Punjab State Power Corporation Limited
The Mall, Patiala (Punjab)

AFFIDAVIT

I, P. Rama Mohana Rao, son of P. Krishna Murthy, aged about 61 years, resident of E-308, First Lane, Czech Colony, Sanath Nagar, Hyderabad - 500018, working as Assistant Vice President (Finance) with the Petitioner Company, do solemnly affirm and state as follows:-

1. I say that I am duly authorized and competent to affirm this Affidavit for and on behalf of the GVK Power (Goindwal Sahib) Ltd. and I am acquainted with the facts and circumstances of the present case. I state that I have read and understood the contents of the accompanying Petition.
2. I state that the facts stated in the accompanying Petition are true and correct to the best of my knowledge based on the records maintained by the Petitioner and that the legal submissions made therein are based upon information received by me and believed to be true. The present Petition has been drafted pursuant to my instructions and its contents are true and correct.

I state that the Annexures, if any, annexed to the Petitioner are true copies of the respective originals.



For GVK POWER (GOINDWAL SAHIB) LTD.

[Signature]
Authorised Signatory

4. I say that no similar petition, writ petition, suit or appeal regarding the matter in respect of which the present Petition has been preferred or is pending before any Court or any other authority.

For GVK POWER (GOINDWAL SAHIB) LTD

[Handwritten Signature]

DEPONENT

VERIFICATION

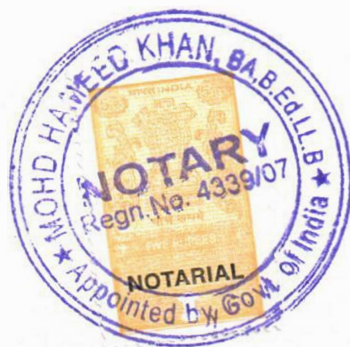
I, the deponent above named, do hereby verify that the contents of my above affidavit are true and correct, no part of it is false and nothing material has been concealed therefrom.

Verified at _____ on this _____ day of _____, 2020.

For GVK POWER (GOINDWAL SAHIB) LTD

[Handwritten Signature]

Authorised Signatory
DEPONENT



ATTESTED
[Handwritten Signature]
Mohd Hameed Khan
B.A.B.Ed., LL.B
ADVOCATE & NOTARY
H.No. 1-8-495/19/C,
Vikar Nagar, Near Prakash Nagar,
Begumpet, Sec-1, Hyderabad, Hyd.
Cell: 9391025702



CERTIFICATE

We have verified the books of Accounts of M/s. GVK Power (Goindwal Sahib) Limited having Registered office at Plot No. 10, Paigah Colony, Sardar Patel Road, Secunderabad and certify that an amount of Rs. 98.32 Crores has been paid towards interest on long term borrowings during the FY 2019-20.

For **SARANGA PANI & CO**
Chartered Accountants
FRN : 05000305



C. Saranga Pani
Proprietor
(M. No. 073178)

UDIN: 20073178AAAAMI7879

Place : Hyderabad

Date : 23.09.2020

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C3	Return on Equity
C4	Employee Expenses
C5	Employee Strength
C6	Administration & General Expenses
C7	Fixed Assets and Provision for Depreciation
C8	Expenses of SLDC Fees and Charges
C9	Current Assets and Liabilities
C10	Loan Master of all Loans
C11	Year-wise Capital Expenditure
C12	Capital Works in Progress
C13	Interest and Finance Charges
C14	Net Prior Period Expenses
C15	Extraordinary Items
C16	Share Capital, Reserves and Surplus
C17	Details of Income Tax
C18	Details of Expenses Capitalized
C19	Statement of Assets not in use
C20	Grants Towards Cost of Capital Assets
C21	Debits, Write-offs and any Other Items

1. Electronic Copy of the Petition (in Word format) and detailed calculation as per these formats (in Excel format) and any other information submitted shall also be furnished in the electronic form.

2. Formats may be suitably amended where ever required, and additional formats may be designed by the Generation Company/Licensee/SLDC for any additional information to be submitted alongwith the Petition.

Form C1

Balance Sheet

S. No.	Particulars	Reference Form	(Rs. Crore)	
			Actual 2018-19	Projections 2019-20
I.	SOURCES OF FUNDS			
	A) Shareholders' Funds			
	a) Share Capital (Equity)		1,265.20	1,265.20
	b) Share Application Money		-	
	c) Reserves and Surplus		(2,186.08)	(2,692.25)
	B) Special Appropriation towards Project Cost			
	C) Loan Funds			
	a) Secured Loans		4,055.64	3,802.56
	b) Working Capital Loans		508.73	584.59
	b) Unsecured Loans			
	D) Other sources of Funds			
	a) Capital contributions from Consumers			
	b) Consumers Security Deposits			
	c) Capital Subsidies/ Grants			
	d) Any other source of Funds			
	e) Long Term Provisions		0.18	0.29
	TOTAL SOURCES OF FUNDS		3,643.66	2,960.38
	II. APPLICATION OF FUNDS			
	A) Fixed Assets			
	a) Gross Block		4,445.60	4,449.08
	b) Capital Work in Progress		-	
	c) Net Block		3,813.70	3,604.12
	B) Investments		0.00	0.00
	C) Long Term Loans & Advances		17.21	17.10
	D) Current Assets, Loans and Advances		821.31	874.58
	E) Less: Current Liabilities and Provisions		1,008.56	1,535.42
	F) Net Current Assets		(187.25)	(660.84)
	TOTAL APPLICATION OF FUNDS		3,643.66	2,960.38

Note:

The above information requires certification from the statutory auditors.

Cash Flow Statement

(Rs. Crore)

S. No.	Particulars	Ref. Form No.	(Rs. Crore)	
			Actual 2018-19	Projection 2019-20
I	Net Funds from Operations:			
	Profit Before Tax (A)		(667.91)	(506.21)
	ADD:			
	Debits to Revenue Account not requiring Cash			
	Outflow:			
	(i) Depreciation		212.85	213.07
	(ii) Interest Paid		715.27	770.03
	(iii) Others		75.27	27.39
	Sub Total (B)		1,003.39	1,010.49
	Less:			
	(i) Credits to Revenue Account not involving Cash			
	Receipts:			
	(ii) Subsidy and Grants			-
	(iii) Income Tax payment during the year			-
	Sub Total (C)			-
	Net Increase/(Decrease) in Working Capital:			
	Increase/(Decrease) in Current Assets:			
	a) Inventories		24.96	179.93
	b) Receivables against Sale of Power		246.28	272.25
	c) Loans and Advances		-	-
	d) Other Current Assets		(23.20)	(78.52)
	Sub Total (D1)		248.03	452.18
	Increase/(Decrease) in Current Liabilities:			
	a) Borrowings for Working Capital			-
	b) Other Current Liabilities		22.68	(74.64)
	Sub Total (D2)		22.68	(74.64)
	Income Tax Paid (D3)		2.33	3.70
	Net Increase/(Decrease) in Working Capital (D=D1-D2-D3)		227.68	530.53
	Net Funds from Earnings (A+B-C+D)		107.80	(26.24)

S. No.	Particulars	Ref. Form No.	Actual		Projection	
			2018-19	2019-20	2018-19	2019-20
II	Net Funds from Investment					
	Contributions, Grants and Subsidies towards Cost of Capital Assets (E)					
	Security Deposit from Consumers (F)					
	Proceeds from disposal of Fixed Assets (G)					
	Net Increase/(Decrease) in Investments (H)		(0.16)		21.54	
	Total Funds from Investment (E+F+G+H)		0.16		21.54	
III	Net Funds from Financing					
	Existing Borrowings					
	a) Term Loans		-		-	
	b) Equity		-		-	
	Fresh Borrowings:					
	(a) State Loans					
	(b) Foreign Currency Loans/Creditors					
	(c) Other Borrowings (WC)		64.82		75.86	
	Sub-total (I)		64.82		75.86	
	Repayments of Principal:					
	(a) Existing Term Loans		20.58		253.09	
	(b) Interest Paid		176.92		175.29	
	Sub Total (J)		197.50		428.37	
	Net Funds from Financing (I-J)		(132.69)		(352.51)	
IV	Increase/(Decrease) in Equity Capital					
V	Total Funds available for Capital Expenditure (I+II+III+IV)		(24.72)		(357.22)	
VI	Funds Utilised on Capital Expenditure:					
	(a) On Projects		0.88		3.37	
	(b) Released Assets re-issued to works					
	(c) Intangible Assets					
	(d) Deferred Costs					
	Total of VI		0.88		3.37	
VII	Net Increase/(Decrease) in Cash & Bank Balance (V - VI)		(25.61)		(360.59)	
VIII	Opening Cash & Bank Balances		246.86		221.25	
IX	Closing Cash & Bank Balances (VII+VIII)		221.25		(139.34)	

Return on Equity

(Rs in crore)

S. No	Particulars	Control Period	
		Actual 2018-19	Projection 2019-20
A	Option 1:		
1	Equity employed on Assets in use (as per the debt equity ratio approved by Commission 70:30) as on the beginning of the year	922	922
2	Average Equity employed in assets commissioned during the year (as per the normative debt equity ratio)*	-	-
3	Equity Capital (A1+A2)	922	922
B	Option 2:		
1	Gross Fixed Assets		
a)	Gross Fixed Assets (Opening Balance)	4,445	4,446
b)	Gross Fixed Assets (Closing Balance)	4,446	4,446
c)	Average GFA	4,445	4,446
2	Less : Opening Balance of Accumulated Depreciation (Opening Balance)	286	358
3	Less : Average Depreciation during the Year	147	156
4	Less : Approved outstanding Loan for Fixed Assets	4,056	3,803
5	Less : Average of Grants/Subsidy/Contribution for Fixed Assets	-	-
6	Equity Capital in Use [1+2-3-4-5-6]	529	846
C	Return on Equity** (refer Appendix - I Form-C3)	142.83	142.87

* To be provided for the years in the control period. For current and previous years, this will be based on values approved by the Commission.

** To be based on rate applicable as per regulations and calculated on minimum of equity computed form option 1 and 2.

**Appendix - I Form-C3
RETURN ON EQUITY**

Particulars	Projection
	2019-20
Approved Project Cost	3,072.11
Add: Additional Capitalization as per investment Plan	0.70
Closing Project Cost	3,072.81
Debt (70%)	2,150.96
Equity (30%)	921.84
Equity Considered for Computing ROE	921.84
Total Equity Invested	1,265.20
Rate of Return	15.50%
Return on Equity	142.89

Particulars	Estimate
	2019-20
Opening Gross Block (excluding undischarged liabilities)	(a) 3,072.11
Equity percentage in Opening Gross Block	(b) 30.0%
Normative Opening Equity (= a x b)	(c) 921.63
Normative Equity addition @ 30% due to additional capitalization during the year	(d) 0.21
Actual Equity addition during the year(as per Annual Accounts)	(e)
Normative Equity addition considered for ROE computation (=Minimum of 'd' and 'e')	(f) 0.21
Normative Closing Equity (= c + f)	(g) 921.84
Average Equity (= Average of c and g)	(h) 921.74
Normative Rate of ROE as per PSERC 2014 Tariff Regulations	(i) 15.50%
Return on Equity (= h x i)	142.87

Note:

ROE has been computed on normative basis in accordance with Normative Opening Equity as per Reg. 19.1 of PSERC 2014

Employee Expenses

S.No	Particulars	Control Period	
		Actual FY 2018-19	Estimate FY 2019-20
A	Employee Cost (Other than covered in 'C&D')		
1	Salaries	11.50	13.83
2	Dearness Allowance (DA)		
3	Other Allowances		
4	Interim Relief / Wage Revision		
5	Overtime		
6	Bonus		
7	Generation Incentive		
8	Any Other Item (specify)		
	Sub Total	11.50	13.83
B	Other Costs		
1	Medical Expenses Reimbursement		
2	Travelling Allowance(Conveyance Allowance)		
3	Leave Travel Assistance	0.08	0.08
4	Payment Under Workman's Compensation Act		
5	Electricity Concession to Employees		
6	Other Staff Welfare Expenses	0.10	0.16
7	Any Other Item (specify)		
	Sub Total	0.18	0.24
C	Apprentice and Other Training Expenses		
D	Contribution to Terminal Benefits		
1	Earned Leave Encashment	0.24	0.16
2	Provident Fund Contribution	0.59	0.68
3	Provision for PF Fund		
4	Pension		
5	Gratuity	0.15	0.20
6	Ex-gratia		
7	Any Other Item (specify)		
	Sub Total	0.99	1.05
E	Grand Total (A+B+C+D)	12.67	15.12
F	Employee Expenses Capitalized	-	-
G	Net Employee Expenses (E)-(F)	12.67	15.12

Note :

- The above information is to be provided generating station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating Company or by RRMR
- The above information is to be provided in consolidated form in case of Transmission Licensee and Distribution Licensee.

Employee Strength

S.No.	Particulars	Control Period Actual		Control Period Estimate	
		FY 2018-19		FY 2019-20	
		Working Strength At The Beginning Of The Year	Sanctioned Strength At The Beginning Of The Year	Working Strength At The Beginning Of The Year	Sanctioned Strength At The Beginning Of The Year
	Technical	115	142	115	142
1	Class I				
2	Class II				
3	Class III				
4	Class IV				
	Non - Technical	28	31	28	31
1	Class I				
2	Class II				
3	Class III				
4	Class IV				
	Total	143	173	143	173

Administration & General Expenses

S.No	Particulars	(Rs. Crore)		
		Control Period		Revised
		Actual 2017-18	Actual 2018-19	
1	Lease/ Rent	0.03	0.06	0.08
2	Insurance	6.03	2.85	7.44
3	Revenue Stamp Expenses Account			
4	Telephone, Postage, Telegram & Telex Charges	0.21	0.08	0.13
5	Incentive & Award to Employees/Outsiders			
6	Consultancy Charges			
7	Technical Fees			
8	Other Professional Charges			
9	Conveyance and Travelling Expenses	0.74	0.98	1.08
10	License and Registration Fees			
11	Vehicle Expenses (Other Than Trucks and Delivery Vans)	0.03		
	Vehicles Running Expenses			
	Petrol and Oil	0.18	0.38	0.42
	Hiring of Vehicles	2.47	3.02	3.71
12	Security / Service Charges Paid to Outside Agencies	9.70	7.36	12.86
	Sub Total 'A' (1 to 12)	0.003	0.003	0.004
1	Fee and Subscription for Books and Periodicals	0.05	0.06	0.21
2	Printing and Stationery Expenses			
3	Advertisement Expenses (Other than Purchase Related) Exhibition & Demo.	0.06	0.05	
4	Contributions/Donations to Outside Institutes / Associations	0.001	0.001	0.00
5	Electricity Expenses	13.33	4.35	10.10
6	Water Charges	1.21	-	3.90
7	Entertainment Charges			
8	Miscellaneous Expenses (specify details):			
	Rates and Taxes	3.63	1.12	1.35
	Guest House Maintenance	0.02	0.003	0.01
	Horticulture Expenses, Greenbelt Maintenance	0.22	0.22	0.31
	Office Maintenance	0.70	0.85	1.11
	Membership & Subscription	0.03	0.02	0.07
	Dispensary Expenses	0.00	0.002	
	Canteen Expenses	0.28	0.37	0.34
	Coal Testing Charges	0.25	1.18	1.87
	Ash Handling Charges	3.12	3.10	3.05
9	Other Administrative Exp	0.75	0.14	0.34
	Sub-Total 'B' (1 To 9)	23.66	11.49	22.66

S.No	Particulars	Control Period		
		Actual	Actual	Revised
		2017-18	2018-19	2019-20
C.	Legal Fee/Charges	4.42	8.16	11.20
D.	Auditor's Fee	0.06	0.07	0.12
E. Material Related Expenses	1 Freight on Capital Equipments			
	2 Purchase Related Advertisement Expenses			
	3 Vehicle Running Expenses Truck / Delivery Van			
	4 Vehicle Hiring Expenses Truck / Delivery Van			
	5 Other Freight			
	6 Transit Insurance			
	7 Octroi			
	8 Incidental Stores Expenses			
	9 Fabrication Charges			
	Sub Total 'E' (1 To 9)	-	-	-
F.	Direction And Supervision Charges			
G.	Annual license fee and tariff determination fee payable to PSERC	0.005	-	0.01
H.	Grand Total (A To G)	37.85	27.08	46.84
	Total Charges Chargeable To Capital Works (-)			
	Revenue Expenses	37.85	27.08	46.84

Note :

- The above information is to be provided Generating station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating Company or by BMRB.
- The above information is to be provided in consolidated form in case of Transmission Licensee and Distribution Licensee.

Appendix-1 Form No.C6
GVK POWER (GOINDAL SAHIB) LTD
Escalation of Index

Information regarding Wholesale Price Indexed(All Commodities) & Consumer Price Index

S.No	Period	WPI	CPI
1	Average (April-2014 to Mar-15)	181.19	250.83
2	Average (April-2015 to Mar-16)	176.675	265.00
3	Average (April-2016 to Mar-17)	183.20	275.92

Month	Wholesale Price Index (All Commodities)	Consumer Price Index
Mar-17	185.80	275
Feb-17	185.50	274
Jan-17	185.10	274
Dec-16	183.30	275
Nov-16	183.50	277
Oct-16	183.60	278
Sep-16	183.20	277
Aug-16	183.30	278
Jul-16	184.20	280
Jun-16	182.90	277
May-16	180.20	275
Apr-16	177.80	271
Mar-16	175.30	268
Feb-16	174.10	267
Jan-16	175.40	269
Dec-15	176.80	269
Nov-15	177.50	270
Oct-15	176.90	269
Sep-15	176.50	266
Aug-15	176.50	264
Jul-15	177.60	263
Jun-15	179.10	261
May-15	178.00	258

	2015-16	2016-17	2017-18	2018-19	2019-20
Gross Fixed Assets	4441.00	4441.00	4441.00	4441.00	4449.08
Avg value of GFA	4441.00	4441.00	4441.00	4441.00	4445.04
WPI Index	3.693%	3.693%	3.693%	3.693%	3.693%
Index		15.000%			15.000%
K factor (Adjusted to Index)		3.14%		3.25%	3.38%
Employee costs	14.38	15.58	17.92		20.61
A & G and R & M	125.43	139.40	144.55	150.02	
Total O & M Expenses	139.81	154.98	162.47	170.63	

Month	Wholesale Price Index (All Commodities)	Consumer Price Index
Apr-15	176.40	256
Mar-15	176.10	254
Feb-15	175.60	253
Jan-15	177.30	254
Dec-14	178.70	253
Nov-14	181.20	253
Oct-14	183.70	253
Sep-14	185.00	253
Aug-14	185.90	253
Jul-14	185.00	252
Jun-14	183.00	246
May-14	182.00	244
Apr-14	180.80	242

Source <http://eaindustry.nic.in>

<http://labourbureaunew.gov.in>

WPI & CPI Inflation from Base FY 2015-16 to FY 2016-17

S.No	Particulars	WPI	CPI
1	Average (April-2014 to Mar-15)	181.19	250.83
2	Average (April-2015 to Mar-16)	176.675	265.00
3	Average (April-2016 to Mar-17)	183.20	275.92

	WPI	CPI
Inflation-2015-16	-2.493%	5.648%
Inflation-2016-17	3.693%	4.119%
INDEXn=(0.5*CPIIn+0.5*WPIIn) 2016-17	3.906%	
INDEXn-1=(0.5*CPIIn-1+0.5*WPIIn-1) 2015-16	1.578%	

Fixed Assets & Provision for Depreciation

(` crore)

S. No	Particulars	Amount (` crore) (A)	Contribution from Subsidies/ Grants/ Beneficiaries' Contribution / Consumers (B)	Value of Asset eligible for depreciation (A-B)	Rate of Depreciation (%)	Previous Year						Current Year						Control Period 2012-13	
						Fixed Assets, excluding Consumer Contribution						Fixed Assets, excluding Consumer						Fixed Assets, excl Consumer	
						At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year	At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year	Start of the Year	Addition During Year
1	Land owned under full title																		
2	Land held under lease																		
a)	For investment in land																		
b)	For cost of clearing site																		
c)	Land for reservoir in case of hydro generating plant																		
3	Assets Purchased New																		
a)	Plant and machinery in generating stations																		
i)	Hydro-electric																		
ii)	Steam-electric NHRS & Waste Heat Recovery Boilers / Plants																		
iii)	Diesel electric & gas plant																		
b)	Cooling towers and circulating water systems																		
c)	Hydraulic works forming part of hydro-electric system including:																		
i)	Dams, spillways weirs, canals, reinforced concrete flumes & siphons																		
ii)	Reinforced concrete pipelines and surge tanks, steel pipelines, sluice gates, steel surge (tanks) hydraulic control valves and other hydraulic works																		
d)	Building & civil engineering works of a permanent character, not mentioned above:																		
i)	Offices & showrooms																		
ii)	Containing thermo-electric generating plant																		
iii)	Containing hydro-electric generating plant																		
iv)	Temporary erection such as wooden structures																		
v)	Roads other than kutchha roads																		
vi)	Others																		

As per Appedix-1

S. No	Particulars	Amount (₹ crore) (A)	Contribution from Subsidies/ Grants/ Beneficiaries' Contribution / Consumers (B)	Value of Asset eligible for depreciation (A-B)	Rate of Depreciation (%)	Previous Year						Current Year						Control Period 2012-13	
						Fixed Assets, excluding Consumer Contribution						Fixed Assets, excluding Consumer						Fixed Assets, excl Consumer	
						At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year	At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year	Start of the Year	Addition During Year
e)	Transformers, transformer (kiosk) sub-station equipment & other fixed apparatus (including plant foundations)																		
	Transformers (including foundations) having a rating of 100 kilo volt amperes and over																		
	Others																		
f)	Switchgear, including cable connections																		
g)	Lightning arrestors:																		
	i) Station type																		
	ii) Pole type																		
	iii) Synchronous condenser																		
h)	Batteries																		
i)	Underground cable including joint boxes and disconnected boxes																		
j)	Cable duct system																		
k)	Overhead lines including supports:																		
	Lines on fabricated steel operating at nominal voltages higher than 66 kV																		
	Lines on steel supports operating at nominal voltages higher than 13.2 kV but not exceeding 66 kV																		
	Lines on steel or reinforced concrete supports																		
l)	Lines on treated wood supports																		
	Meters																		
m)	Self propelled vehicles																		
n)	Air conditioning plants:																		
	i) Static																		
	ii) Portable																		
	Others																		
o)	Office furniture and fittings																		
	ii) Office equipments																		

As per Appendix-1

Fixed Assets & Provision for Depreciation

(₹ crore)

S. No	Particulars	Control Period																	
		1st year						2nd year						3rd year					
		Fixed Assets, excluding Consumer		Fixed Assets, excluding Consumer		Fixed Assets, excluding Consumer		Fixed Assets, excluding Consumer		Fixed Assets, excluding Consumer		Fixed Assets, excluding Consumer		Fixed Assets, excluding Consumer		Fixed Assets, excluding Consumer			
At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year	At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year	At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year		
1	Land owned under full title																		
2	Land held under lease																		
a)	For investment in land																		
b)	For cost of clearing site																		
c)	Land for reservoir in case of hydro generating plant																		
3	Assets Purchased New																		
a)	Plant and machinery in generating stations																		
i)	Hydro-electric																		
ii)	Steam-electric NHRS & Waste Heat Recovery Boilers / Plants																		
iii)	Diesel electric & gas plant																		
b)	Cooling towers and circulating water systems																		
c)	Hydraulic works forming part of hydro-electric system including:																		
i)	Dams, spillways weirs, canals, reinforced concrete flumes & siphons																		
ii)	Reinforced concrete pipelines and surge tanks, steel pipelines, sluice gates, steel surge (tanks) hydraulic control valves and other hydraulic works																		
d)	Building & civil engineering works of a permanent character, not mentioned above:																		
i)	Offices & showrooms																		
ii)	Containing thermo-electric generating plant																		
iii)	Containing hydro-electric generating plant																		
iv)	Temporary erection such as wooden structures																		
v)	Roads other than kutcha roads																		
vi)	Others																		

As per Appedix-1

S. No	Particulars	Control Period																	
		1st year						2nd year						3rd year					
		Fixed Assets, excluding Consumer			Fixed Assets, excluding Consumer			Fixed Assets, excluding Consumer			Fixed Assets, excluding Consumer			Fixed Assets, excluding Consumer					
At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year	At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year	At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year		
e)	Transformers, transformer (kiosk) sub-station equipment & other fixed apparatus (including plant foundations)																		
i)	Transformers (including foundations) having a rating of 100 kilo volt amperes and over																		
ii)	Others																		
f)	Switchgear, including cable connections																		
g)	Lightning arrestors:																		
i)	Station type																		
ii)	Pole type																		
iii)	Synchronous condenser																		
h)	Batteries																		
i)	Underground cable including joint boxes and disconnected boxes																		
j)	Cable duct system																		
k)	Overhead lines including supports:																		
i)	Lines on fabricated steel operating at nominal voltages higher than 66 kV																		
ii)	Lines on steel supports operating at nominal voltages higher than 13.2 kV but not exceeding 66 kV																		
iii)	Lines on steel or reinforced concrete supports																		
iv)	Lines on treated wood supports																		
l)	Meters																		
m)	Self propelled vehicles																		
n)	Air conditioning plants:																		
i)	Static																		
ii)	Portable																		
o)	Others																		
i)	Office furniture and fittings																		
ii)	Office equipments																		

As per Appendix-1

S. No	Particulars	Control Period																	
		1st year						2nd year						3rd year					
		Fixed Assets, excluding Consumer						Fixed Assets, excluding Consumer						Fixed Assets, excluding Consumer					
At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year	At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year	At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year		
iii)	Internal wirings including fittings and apparatus																		
iv)	Street Light fittings																		
p)	Apparatus let on hire:																		
i)	Other than motors																		
ii)	Motors																		
q)	Communication equipment																		
i)	Radio and higher frequency carrier systems																		
ii)	Telephone lines and telephones																		
r)	I.T Equipments																		
s)	Any other Assets not covered above (specify)																		
	Total																		

Note :

1. The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating
2. The above information is to be provided in consolidated form in case of Transmission Licensee
3. Rate of depreciation for the assets after a period of 12 years from the date of commercial

As per Appedix-1

(Rs in crore)

2018-19 (Estimated)							
S.No	Particulars	Assets Value at the beginning of the Year	Value of Assets added / Disposed off during the year	Asset Value at the End of the Year	Rate of Dep	Depreciation Charges	Accumulated Dep
1	Land	96.75	-	96.75	0.00%	-	-
2	Plant & Machinery	2,570.66	-	2,570.66	5.28%	135.73	454.10
3	Buildings	593.29	-	593.29	3.34%	19.82	60.30
	Total	3,260.70	-	3,260.70		155.55	514.39

(Rs in crore)

Actual 2018-19							
S.No	Particulars	Assets Value at the beginning of the Year	Value of Assets added / Disposed off during the year	Asset Value at the End of the Year	Rate of Dep (as per CERC 2014-19 Tariff Regulations)	Depreciation Charges (Normative; based on rates specified by CERC)	Accumulated Dep
1	Freehold land	96.75	-	96.75	0.00%	-	-
2	Plant and equipment	2,448.50	0.84	2,448.50	5.28%	-	-
3	Capital Spares	12.90	-	12.90	5.28%	-	-
4	Buildings	486.29	-	486.29	3.34%	-	-
5	Computers	0.63	-	0.63	15.00%	-	-
6	Office equipment	1.12	-	1.12	6.33%	-	-
7	Furniture and fixtures	1.23	-	1.23	6.33%	-	-
8	Vehicles	0.63	-	0.63	9.50%	-	-
9	Computer software	0.12	-	0.12	15.00%	-	-
10	Right to Use Railway Line	23.94	-	23.94	0.00%	-	-
	Total	3,071.27	0.84	3,072.11	4.77%	146.51	432.49

Computation of Depreciation (for FY 2018-19 Truing Up)

Particulars	Amount (Rs. Crore)
Opening Capital Cost	3,071.27
Less: Undischarged liabilities included in above	-
Opening Capital Cost excluding undischarged liabilities	3,071.27
Additional capitalization during the year	0.84
Less: Undischarged liabilities included in additional capitalization	-
Add: Liabilities discharged during the year	-
Closing Capital Cost	3,072.11
Average Capital Cost	3,071.69
Freehold land	96.75
Rate of depreciation	4.77%
Remaining depreciable value	2,677.44
Depreciation (annualised)	146.51
Depreciation (for the period)	146.51
Cumulative depreciation at the end of the period	432.49

(Rs in crore)

2018-19 (Estimated)							
S.No	Particulars	Assets Value at the beginning of the Year	Value of Assets added / Disposed off during the year	Asset Value at the End of the Year	Rate of Dep	Depreciation Charges	Accumulated Dep
1	Land	96.75	-	96.75	0.00%	-	-
2	Plant & Machinery	2,570.66	-	2,570.66	5.28%	135.73	589.83
3	Buildings	593.29	-	593.29	3.34%	19.82	80.11
	Total	3,260.70	-	3,260.70		155.55	669.94

(Rs in crore)

2019-20 APR							
S.No	Particulars	Assets Value at the beginning of the Year	Value of Assets added / Disposed off during the year	Asset Value at the End of the Year	Rate of Dep (as per CERC 2014-19 Tariff Regulations)	Depreciation Charges (Normative; based on rates specified by CERC)	Accumulated Dep
1	Freehold land	96.75	-	96.75	0.00%	-	-
2	Plant and equipment	2,448.50	0.70	2,449.20	5.28%	-	-
3	Capital Spares	12.90	-	12.90	5.28%	-	-
4	Buildings	486.29	-	486.29	3.34%	-	-
5	Computers	0.63	-	0.63	15.00%	-	-
6	Office equipment	1.12	-	1.12	6.33%	-	-
7	Furniture and fixtures	1.23	-	1.23	6.33%	-	-
8	Vehicles	0.63	-	0.63	9.50%	-	-
9	Computer software	0.12	-	0.12	15.00%	-	-
10	Right to Use Railway Line	23.94	-	23.94	0.00%	-	-
	Total	3,072.11	0.70	3,072.81	4.77%	146.55	579.03

Computation of Depreciation (for FY 2019-20 APR)

Particulars	Amount (Rs. Crore)
Opening Capital Cost	3,072.11
Less: Undischarged liabilities included in above	-
Opening Capital Cost excluding undischarged liabilities	3,072.11
Additional capitalization during the year	0.70
Less: Undischarged liabilities included in additional capitalization	-
Add: Liabilities discharged during the year	-
Closing Capital Cost	3,072.81
Average Capital Cost	3,072.46
Freehold land	96.75
Rate of depreciation	4.77%
Remaining depreciable value	2,678.14
Depreciation (annualised)	146.55
Depreciation (for the period)	146.55
Cumulative depreciation at the end of the period	579.03

Expenses for SLDC Fees & Charges

S. No	Particulars	Previous Year			Current Year			1st Year			2nd Year			3rd Year		
		Contracted Capacity/ Energy (MW/MU)	Rate (₹/MW or Paise/Unit)	Amount (₹ crore)	Contracted Capacity/ Energy (MW/MU)	Rate (₹/MW or Paise/Unit)	Amount (₹ crore)	Contracted Capacity/ Energy (MW/MU)	Rate (₹/MW or Paise/Unit)	Amount (₹ crore)	Contracted Capacity/ Energy (MW/MU)	Rate (₹/MW or Paise/Unit)	Amount (₹ crore)	Contracted Capacity/ Energy (MW/MU)	Rate (₹/MW or Paise/Unit)	Amount (₹ crore)
Not Applicable																

Current Assets & Liabilities

S.No.	Particulars	(Rs.crore)	
		Control Period	
		Actual 2018-19	3rd year 2019-20
A	Current Assets, Loans and Advances		
	Sundry Debtors	447.46	175.21
	Inventories	53.97	213.43
	Loans and Advances	65.45	65.45
	Other Current Asset	94.59	19.82
	Cash and Bank Balances	221.25	462.10
	TOTAL OF 'A'	882.73	936.00
B	Current Liabilities and Provisions		
I	Current Liabilities		
	Security Deposits from Consumers		
	Power Purchase Liabilities		
	Staff Related Liabilities	1.03	1.03
	Liabilities towards Suppliers	260.42	195.92
	Interest accrued but not due	5.03	2.50
	Interest accrued and due	852.24	1449.51
	Other Current Liabilities	514.44	586.98
II	Provisions	0.55	0.61
	Total of 'B' (I+II)	1633.71	2236.55
C	NET CURRENT ASSETS (= A- B)	(750.98)	(1,300.55)

Note :

- The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating Company or by BMB.
- The above information is to be provided in consolidated form in case of Transmission Licensee and Distribution Licensee.

Loan Master For All Loans	(Rs. Crore)				(Rs. Crore)			
	Actual				Estimated			
	2018-19				2019-20			
Particulars	Opening Balance	Repayments	Additions	Closing Balance	Opening Balance	Repayments	Additions	Closing Balance
Secured Loans								
RTL-I	2,396.15	-	-	2,396.15	2,396.15	-	-	2,396.15
RTL-II	496.32	-	-	496.32	496.32	-	-	496.32
RTL-III	470.49	-	-	470.49	470.49	-	-	470.49
RTL-III	137.68	-	-	137.68	137.68	-	-	137.68
Total	3,500.65	-	-	3,500.65	3,500.65	-	-	3,500.65
As per Financial Statement	3,500.65	-	-	3,500.65	3,500.65	-	-	3,500.65

Notes:

1. Source of Loan means the agency from whom the loan has been taken, such as PFC, REC, ADB etc.
2. Amount repayable is based on the schedule of repayment.
3. Base rate means the base such as PLR, LIBOR etc. over which a margin is to be added.
4. Margin means the points over and above the floating rate.
5. At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.
6. Moratorium period refers to the period during which loan servicing liability is not required.
7. Repayment period means the number of years in which the loan is required to be repaid such as 10 years, 12 years etc.
8. Repayment frequency refers to the interval at which the debt servicing is to be done such as quarterly, half yearly, yearly etc.

Year-wise Capital Expenditure

Details of Capital Expenditure-scheme-wise										
Name of scheme/ Project	Nature of Project (Select appropriate Code)	Year of Start	Cumulative expenditure till beginning of the Year	Capex during the Year	Total Capex till end of the Year	Source of Financing for Capex During the Year				Loan
						Equity component of Capex in	Internal Accrual (from free reserves and surplus)	Equity Infused*	Capital Subsidies/ grants component (as applicable)	
Not Applicable										

Notes:

1. In case of distribution schemes starting during the control period, information must be provided only for such schemes which are included in the approved Capital Investment Plan.
2. Provide break up of Government and Private share.
3. Codes for selecting Nature of work :
 - a. EHV Schemes
 - b. Distribution schemes
 - e. SCADA/DMS etc.
 - f. Miscellaneous
4. In case of generating company, the above details are to be provided for each generating station or generating company

Note :

1. The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating Company or by BBMB.
2. The above information is to be provided in consolidated form in case of Transmission Licensee and Distribution Licensee.

Capital Works in Progress

S. No.	Particulars	1st Year				2nd Year				(Rs. Crore)			
		Projection		Actual		Projection		Actual					
		2017-18		2017-18		2018-19		2018-19					
		Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance
1	2	16	17	14	15	12	13	14	15	16	17	18	19
1	GPGSL	230	230		0.00	0	0		0.00				0.00
	TOTAL												

Note :

1. The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating Company or by BBMB.
2. The above information is to be provided in consolidated form in case of Transmission Licensee and Distribution Licensee.

Interest and Finance Charges

S. No.	Loan Source	Interest Due				
		1st year		2nd year		Actual (refer Note below)
		2017-18	2017-18	2018-19	2018-19	
		Projection	Actual (refer Note below)	Projection	Actual (refer Note below)	
I	Existing Loans					
A	Secured Loans					
1	Interest amount as per enclosed	426.14	255.52	-	236.81	
5	Sub Total	426.14	255.52	-	236.81	
B	Unsecured Loans					
1	Loan 1					
2	Loan 2					
3	Loan 3					
4	Loan 4					
5	Sub Total					
II	New Loans					
A	Secured Loans					
1	Loan 1					
2	Loan 2					
3	Loan 3					
4	Loan 4					
5	Sub Total					
B	Unsecured Loans					
1	Loan 1					
2	Loan 2					
3	Loan 3					
4	Loan 4					
5	Sub Total					
III	Other Interest & Finance Charges					
1	Cost of raising Finance / Bank Charges					
2	Interest on Security Deposit					
3	Penal Interest Charges					
4	Lease Rentals					
5	Sub Total					

Interest and Finance Charges

S. No.	Loan Source	Interest Due (Rs. Crore)			
		Control Period		2nd year	236.81
		1st year			
D	Grand Total of Interest & Finance Charges (I.A.5 + I.B.5 +II.A.5 + II.B.5 + III.5)	426.14	255.52	-	
E	Less: Interest & Finance Charges Capitalised	-	-	-	
F	Net Interest & Finance Charges (D - E)	426.14	255.52	0.00	236.81

Note :

Refer Appendix-1 Form C13 for computation of interest on loan.

1. The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating Company or by BBMB.
2. The above information is to be provided in consolidated form in case of Transmission Licensee and Distribution Licensee.

Appendix-1 Form C13

Calculation of Interest on Normative Loan

(s. In Crores)

S.No	Particulars	2018-19 Actual (Refer Note below)	2019-20 Projection
1	Gross Normative Loan - Opening	2,149.89	2,150.48
2	Cumulative Repayment up to Previous Year (Cumulative Depreciation up to previous year)	285.98	432.49
3	Net Loan Opening	1,863.91	1,717.99
4	Less: Repayment During the Year (Considering Depreciation as Principal Repayment)	146.51	146.55
5	Loan Addition due to Additional Capitalization during the year (= Actual Additional Capitalization - Normative Equity Addition considered for ROE computation)	0.59	0.49
6	Net Loan Closing	1,717.99	1,571.93
7	Average Loan	1,790.95	1,644.96
8	Weighted Average Rate of Interest on Loan (Normative)	13.22%	13.22%
9	Interest on Loan	236.81	217.50

Calculation of Actual Weighted Average Interest Rate on Loan:	2018-19 (Actual)	2019-20 Estimated
Opening Loan (as per Annual Accounts):		
TL1	2,396.15	2,396.15
TL2	496.32	496.32
TL3	470.49	470.49
TL4	137.68	137.68
Total	3,500.65	3,500.65

Calculation of Actual Weighted Average Interest Rate on Loan:		2018-19 (Actual)	2019-20 Estimated
Closing Loan (as per Annual Accounts):			
TL1		2,396.15	2,396.15
TL2		496.32	496.32
TL3		470.49	470.49
TL4		137.68	137.68
		-	-
		-	-
Total		3,500.65	3,500.65
Average Loan:			
TL1		2,396.15	2,396.15
TL2		496.32	496.32
TL3		470.49	470.49
TL4		137.68	137.68
		-	-
		-	-
Total		3,500.65	3,500.65
Interest on loan (as per Annual Accounts)		462.87	462.87
Actual Weighted Average Interest Rate on Loan		13.22%	13.22%

Note:

1. Opening loan has been considered on normative basis as per Reg. 19.1 of PSERC 2014 Tariff Regulations.
2. Loan repayment is considered as normative basis being equal to the Depreciation for the year as per Reg. 24.3 of the PSERC 2014 Tariff Regulations.
3. Loan addition is taken as normative basis as per Reg. 18.5(a) of PSERC 2014 Tariff Regulations.
4. Actual Weighted average interest rate on loan has been computed as ratio of the actual interest paid to the actual average loan.
5. Weighted Average Interest rate on loan for computation of interest has been considered as per Reg. 24.2 of the PSERC 2014 Tariff Regulations.

Net Prior Period Expenses / Income

S.No.	Particulars	(Rs. Crore)			
		Projection		Control Period	
		2017-18	2018-19	2017-18	2018-19
A	Income Relating to Previous Period				
1	Interest income relating to prior period	-	-	-	-
2	Income Tax relating to prior period	-	-	-	-
3	Excess Provision for Depreciation	-	-	-	-
4	Excess Provision for Interest and Finance Charges	-	-	-	-
5	Receipts from Consumers	-	-	-	-
6	Other Excess Provisions	-	-	-	-
7	Other Income	-	-	-	-
	Sub Total A	-	-	-	-
B	Expenditure Relating to Previous Period				
1	Power Purchase	-	-	-	-
2	Operating Expenses	-	-	-	-
3	Excise Duty on Generation	-	-	-	-
4	Employee Cost	-	-	-	-
5	Depreciation	-	-	-	-
6	Interest and Finance Charges	-	-	-	-
7	A&G Expenses	-	-	-	-
8	Withdrawal of Revenue Demand	-	-	-	-
9	Material Related	-	-	-	-
10	Others	-	-	-	-
	Sub-Total B	-	-	-	-
	Net Prior Period Credit/(Charges) : A-B	-	-	-	-

Note :

1. The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating Company or by BBMB.
2. The above information is to be provided in consolidated form in case of Transmission Licensee and Distribution Licensee.

Extraordinary Items

S.No.	Particulars	(₹ crore)				
		Previous Year	Current Year	Control Period		
		Actual	Estimated	1st Year	2nd Year	3rd Year
1	Extraordinary Credits (including subsidies against losses due to natural disasters)					
	TOTAL CREDITS					
2	Extraordinary Debits (including subsidies against losses due to natural disasters)					
	TOTAL DEBITS					
	Grand Total					

Not Applicable

Note :

1. The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating Company or by BBMB.
2. The above information is to be provided in consolidated form in case of Transmission Licensee and Distribution Licensee.

Share Capital, Reserves and Surplus**CONTROL PERIOD**

S. No.	Particulars	FY 2018-19 (Actual)			(Rs. Crore)
		Opening Balance	Additions during the year	Withdrawals (Purpose to be indicated)	Closing Balance
A	SHARE CAPITAL				
1	Equity Capital	1265.20	0.00	0.00	1265.20
B	RESERVES				
1	General Reserve				
2	Capital Reserve				
3	Other Reserves				
	Sub Total of Reserves				
C	SURPLUS				
1	Surplus	-1518.13	-667.95	0.00	-2186.08
	Sub Total of Surplus				
D	Net Worth (A + B + C)	-252.93	-667.95	0.00	-920.89

S. No.	Particulars	FY 2019-20 (Projection)			(Rs. Crore)
		Opening Balance	Additions during the year	Withdrawals (Purpose to be indicated)	Closing Balance
A	SHARE CAPITAL				
1	Equity Capital	1,265.20	-	-	1,265.20
B	RESERVES				
1	General Reserve				
2	Capital Reserve				
3	Other Reserves				
	Sub Total of Reserves				
C	SURPLUS				
1	Surplus	-2186.08	506.17		(2,692.25)
	Sub Total of Surplus				
D	Net Worth (A + B + C)	-920.89	506.17	0.00	-1427.06

Income Tax Provisions

(Rs. Crore)

S. No.	Particulars	Control Period			
		Projection 2017-18	Actual 2017-18	Projection 2018-19	Actual 2018-19
1	Provision made/Proposed for the Year	38.74	-	38.76	-
2	Details as per Return filed for the Year	-	-	-	-
3	As Assessed for the Year	-	-	-	-
4	Credit/Debit of Assessment Year (Give Details)	38.74	0.00	38.76	0.00
	Total				

Details of Expenses Capitalised

(Rs. Crore)

S.No.	Particulars	Control Period					
		Projection		Actual		Estimate	
		2017-18	2017-18	2018-19	2018-19	2019-20	2019-20
1	Interest & Finance charges Capitalised	-	-	-	-	-	-
2	Expenditure During Construction Period	-	-	-	-	-	-
3	Any Other Expenses	-	-	-	-	-	-
	Grand Total	-	-	-	-	-	-

Note :

1. The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating Company or by BBMB.
2. The above information is to be provided in consolidated form in case of Transmission Licensee and Distribution Licensee.

Statement of Assets Not in Use

(₹ crore)

S. No.	Previous Year				
	Date of Acquisition/Installation	Historical Cost/Cost of Acquisition	Date of withdrawal from operations	Accumulated Depreciation on date of withdrawal	Written down value on date of withdrawal
			NA		

S. No.	CURRENT YEAR				
	Date of Acquisition/Installation	Historical Cost/Cost of Acquisition	Date of withdrawal from operations	Accumulated Depreciation on date of withdrawal	Written down value on date of withdrawal
			NA		

CONTROL PERIOD PROJECTIONS					
S. No.	1st year				
	Date of Acquisition/Installation	Historical Cost/Cost of Acquisition	Date of withdrawal from operations	Accumulated Depreciation on date of withdrawal	Written down value on date of withdrawal
			NA		

2nd year					
S. No.	Date of Acquisition/Installation	Historical Cost/Cost of Acquisition	Date of withdrawal from operations	Accumulated Depreciation on date of withdrawal	Written down value on date of withdrawal
			NA		

3rd year					
S. No.	Date of Acquisition/Installation	Historical Cost/Cost of Acquisition	Date of withdrawal from operations	Accumulated Depreciation on date of withdrawal	Written down value on date of withdrawal
			NA		

Note :

1. The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating Company or by BBMB.
2. The above information is to be provided in consolidated form in case of Transmission Licensee and Distribution Licensee.

Grants Towards Cost of Capital Assets

(Rs. In crore)

S.No	Particulars	Previous Year Actuals			Current Year Estimated 2016-17			Control Period Projections												
		Balance at the beginning of the year	Additions during the Year	Balance at the end of the Year	Balance at the beginning of the year	Additions during the Year	Balance at the end of the Year	2017-18		2018-19		2019-20								
								Balance at the beginning of the year	Additions during the Year	Balance at the end of the Year	Balance at the beginning of the year	Additions during the Year	Balance at the end of the Year	Balance at the beginning of the year	Additions during the Year	Balance at the end of the Year				
1	Grant Towards Cost Of Capital Assets																			
2	Subsidies Towards Cost Of Capital Asset																			
3	Beneficiaries Contribution Towards Cost of Capital Asset																			
	Total																			
Not Applicable																				

Note :

1. The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating Company or by BBMB.
2. The above information is to be provided in consolidated form in case of Transmission Licensees and Distribution Licensee.

Debits, Write-offs and Any Other Items

(Rs. Crore)

S. No	Particulars	Control Period			
		Projection		Actual	
		2017-18	2018-19	2017-18	2018-19
1	Material Cost Variance				
2	Miscellaneous Losses and Written Off				
3	Bad Debt Written Off				
4	Cost of Trading & Manufacturing Activities				
5	Net Prior Period Credit/Charges				
6	Sub Total			-	-
7	Less Chargeable to Capital Expenses				
8	Net Chargeable to Revenue			-	-

Note :

1. The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating Company or by BBMB.
2. The above information is to be provided in consolidated form in case of Transmission Licensee and Distribution

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G16	Revenue from Sale of Power (at Proposed Tariffs)

Note:

formats (in Excel format) and any other information submitted shall also be furnished in the
 2. Formats may be suitably amended where ever required, and additional formats may be designed for any additional information to be submitted alongwith the Petition.

Form G1

Profit & Loss Account

S. No.	Particulars	Reference Form	(Rs. Crore)	
			Actual 2018-19	3rd Year 2019-20
A Revenue				
1	Revenue from sale of power	G13	1,515.64	1,209.58
2	Non-Tariff and Other Income	G10	0.27	
	Total Revenue or Income		1,515.91	1,209.58
B Expenditure				
1	Fuel Cost	G3		
(a)	Primary Fuel Cost		1,106.31	538.52
(b)	Secondary Fuel Cost		6.05	5.27
2	SLDC Fees and Charge	C8		
3	Operations & Maintenance Expenses			95.66
a)	Repairs and Maintenance Expenses	G9	25.86	
b)	Employee Costs	C4	12.67	
c)	Administration and General Expenses (refer Note below)	C6	104.81	
4	Prior Period Expenses	C14		
5	Extraordinary Items	C15		
6	Less: Total Expenses Capitalized (-)	C18		
	Total Expenditure		1,255.70	639.46
C PBDITA (A-B)				
			260.21	570.13
D Depreciation & Amortization				
1	Depreciation	C7	210.45	146.55
2	Amortization		2.40	
E PBIT (C-D1-D2)				
			47.36	423.58
F Total Interest and Finance Charges				
1	Interest on Loan	C13	650.18	217.50
2	Interest on Working Capital	G7	64.82	83.16
3	Finance Charges	C13	0.28	6.92
G Profit/Loss before Tax (E-F1-F2-F3)				
			(667.91)	115.99
H Income Tax				
		C17	(0.02)	-
I Profit/Loss after Tax (G-H)				
			(667.90)	115.99

Note:

The above information requires certification from the statutory auditors.

A&G expenses include expenses under heads 'Liquidated Damages' and 'Penalty – EMD deduction'. However, the said expenses are not claimed as part of ARR.

Form G2

Annual Revenue Requirement

S. No.	Particulars	Ref. Form No.	(Rs. Crore)	
			Actual 2018-19	Estimated 2019-20
A Receipts				
1	Revenue from Sale of Power at Current Tariff	G12	1,515.64	1,209.58
2	Gross Generation (MU)	G5	2,436	1,312
3	Auxiliary Consumption (MU)	G5	233	121
4	Net Generation (MU)	G5	2,203	1,190
B Expenditure				
1	Fuel Cost			
a)	Primary Fuel Cost	G3	1116.83	538.52
b)	Secondary Fuel Cost	G3	7.29	5.27
2	SLDC Fees & Charges	C8		
3	O&M expenses (Gross)		65.61	95.66
	a) R&M Expenses	G6		
	b) Employee Expenses	C4		
	c) A&G Expenses	C6		
4	Depreciation	C7	146.51	146.55
5	Interest on Loans	C13	236.81	217.50
6	Interest on Working Capital	G7	89.28	83.16
7	Prior Period Expense	C14		
8	Extraordinary Items	C15		
9	Other Debts and Write-offs	C21		
10	Income Tax	C17	0.00	0.00
11	Less: Expenses capitalised	C18		
	a) Interest Charges Capitalized			
	b) R&M Expenses Capitalized			
	c) A&G Expense Capitalized			
	d) Employee Expenses Capitalized			
	Subtotal (a+b+c+d)		0.00	0.00
	Subtotal Expenditure (1+2+3+4+5+6+7+8+9+10-11)		1662.32	1086.67
C	Return on Equity	C3	142.83	142.87
D	Non Tariff and other Income	G10	0.27	21.64
E	Annual Revenue Requirement (B+C-D)		1804.88	1207.90
F	Surplus(+)/ Shortfall (-) (A1-E) - Before Tariff Revision		-289.24	1.69

Form G3

Summary of Generation Cost

S. No.	Particulars	Unit	Actual	Projection
			2018-19	2019-20
A	Net Generation	MU	2203	1190.08
B	Fixed Cost			
1	O&M Expenses	Rs. Crore	65.61	95.66
	a) Repairs and Maintenance Expenses	Rs. Crore	25.86	33.71
	b) Employee Cost	Rs. Crore	12.67	15.12
	c) Administration and General Expenses	Rs. Crore	27.08	46.84
2	Depreciation	Rs. Crore	146.51	146.55
3	Interest Charges on Working Capital	Rs. Crore	89.28	83.16
4	Interest and Finance Charges on Loan Capital	Rs. Crore	236.81	217.50
5	Retrun on Equity (RoE)	Rs. Crore	142.83	142.87
6	All Statutory Levies and Taxes, if any	Rs. Crore		
7	*Other Expenses	Rs. Crore		
8	Less: Non-Tariff and Other Income (if any)	Rs. Crore	0.27	21.6
9	Total Fixed Cost	Rs. Crore	681.30	664.16
		Rs/kWh	1.86	1.82
C	Variable Cost			
1	Primary Fuel Cost (refer Note below)	Rs. Crore	1,116.83	538.52
		Rs/kWh	5.07	4.53
2	Secondary Fuel Cost (refer Note below)	Rs. Crore	7.29	5.27
		Rs/kWh	0.03	0.04
3	Total Variable Cost	Rs. Crore	1,124.11	543.79
		Rs/kWh	5.10	4.57
D	Total Generation Cost	Rs. Crore	1,805.42	1,207.95
		Rs/kWh	6.96	6.38

Note:

Primary and Secondary Fuel Costs as furnished in this Form-G3 are the actual costs of fuel consumed as f

Form G4

Plant Characteristics (Thermal)

Name of the Petitioner		
Name of the Generating Station		
Unit(s) / Block(s) / Parameters	Unit-I	Unit-II
Installed Capacity (MW)	270	270
Schedule COD as per Investment Approval	20.05.2013	20.11.2013
Actual COD/Date of Taken Over (as applicable)	06.04.2016	16.04.2016
Pit Head or Non Pit Head	Non Pit Head	Non Pit Head
Name of the Boiler Manufacture	BHEL	BHEL
Name of Turbine Generator Manufacture	BHEL	BHEL
Main Steam Pressure at Turbine inlet (kg/Cm²) abs¹.	150	150
Main Steam Temperature at Turbine inlet (°C)¹	537	537
Reheat Steam Pressure at Turbine inlet (kg/Cm²)¹	38.2	38.2
Reheat Steam Temperature at Turbine inlet (°C)¹	537	537
Main Steam flow at Turbine inlet under MCR condition (tons/hr)²	823.81	823.81
Main Steam flow at Turbine inlet under VVO condition (tons/hr)²	865	865
Unit Gross electrical output under MCR/Rated condition (MW)²	270	270
Unit Gross Electrical output under VVO condition (MW)²	283.5	283.5
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh)³	1943	1943
Conditions on which design turbine cycle heat rate guaranteed	CW Temperature 33°C	CW Temperature 33°C
% MCR	100	100
% Makeup Water Consumption		
Design Capacity of Makeup Water System	33000	33000
Design Capacity of Inlet Cooling System	32300	32300
Design Cooling Water Temperature (°C)	33	33
Back Pressure	0.105	0.105
Steam flow at super heater outlet under BMCR condition (tons/hr)	865	865
Steam Pressure at super heater outlet under BMCR condition) (kg/Cm²)	156	156
Steam Temperature at super heater outlet under BMCR condition (°C)	540±5 °C	540±5 °C
Steam Temperature at Reheater outlet at BMCR condition (°C)	540±5 °C	540±5 °C
Design/Guaranteed Boiler Efficiency (%)⁴	87.48	87.48
Design Fuel with and without Blending of domestic/imported Coal	142.40 Tonne/ hr	142.40 Tonne/ hr

Form G4

Plant Characteristics (Thermal)

Type of Cooling Tower	IDCT	IDCT
Type of Cooling System ⁵	Closed Circuit Cooling	Closed Circuit Cooling
Type of Boiler Feed Pump ⁶	Motor Driven	Motor Driven
Fuel Details		
Primary Fuel	Coal	Coal
Secondary Fuel	LDO/ HFO	LDO/ HFO
Alternate Fuels		
Special Features/Site Specific Features⁸		
Special Technological Features⁹		
Environmental Regulation related features¹⁰		
Any other special features		
1. At Turbine MCR condition		
2. With 0% (Nil) make up and design Cooling Water Temperature		
3. At TMCR output based on gross generation, 0% (Nil) makeup and design Cooling water temperature.		
4. With Performance coal based on Higher Heating Value (HHV) of fuel and at BMCR) output.		
5. Closed circuit cooling, once through cooling, sea cooling, natural draft cooling, induced draft cooling etc.		
6. Motor driven, Steam turbine driven etc.		
7. Coal or natural gas or Naptha or lignite etc.		
8. Any site specific feature such as Merry - Go- Round, Vicinity to sea, Intake/Makeup water system etc. Scrubbers etc. Specify all such features		
9. Any special Technological feature like Advanced Class FA Technology in Gas Turbines etc.		
10. Environmental Regulation related features like FGD, ESP etc.,		
Note 1 : In case of deviation from specified conditions in Regulation, correction curve of manufacturer may also be submitted.		
Note 2 : Heat Balance Diagram has to be submitted along with above information in case of new stations.		
Note 3 : The Terms - MCR, BMCR, HHV, Performance coal, are as defined in CEA Technical Standards for Construction of Electric Plants and Electric Lines Regulations - 2010 notified by the Central Electricity Authority.		

Design Energy and Peaking Capability (Month wise) - ROR with Pondage/Storage Type			
New Stations			
Name of the Petitioner :		GVK POWER (GOINDWAL SAHIB) LTD	
Name of the Generating Station :		GVK POWER (GOINDWAL SAHIB) LTD	
Generating Company :		GVK POWER (GOINDWAL SAHIB) LTD	
Name of Hydro-Electric Generating Station :		Thermal Generating Station	
Installed Capacity : Number of Units x MW ; 2 x 270			
Month	Design Energy (MU)	Design Energy (MU)	Designed Peaking Capability (MW)*
April	I		
	II		
	III		
May	I		
	II		
	III		
June	I		
	II		
	III		
July	I		
	II		
	III		
August	I		
	II		
	III		
September	I	Not Applicable	
	II		
	III		
October	I		
	II		
	III		
November	I		
	II		
	III		
December	I		
	II		
	III		
January	I		
	II		
	III		
February	I		
	II		
	III		
March	I		
	II		
	III		
Total			

*As per DPR/TEC of CEA dated.....

Note: Specify the number of Peaking Horus for which station has been designed.

Form G6

Normative Parameters Considered for Tariff Computations (Thermal)

Name of the Petitioner: GVK POWER (GOINDWAL SAHIB) LT

Name of the Generating Station GVK POWER (GOINDWAL SAHIB) LT

Year Ending March -17

Particulars	Unit	Year Ending March -17	
		2018-19	2019-20
Rate of Return on Equity	%	15.5	15.5
Target Availability	%	85	85
Auxiliary Energy Consumption	%	9	9
Gross Station Heat Rate	kCal/kWh	2321	2321
Specific Fuel Oil Consumption	ml/kWh	0.5	0.5
Cost of Coal for WC	in Month	2	2
Cost of Main Secondary Fuel Oil for WC ¹	in Month	2	2
Fuel Cost for WC ²	in Month		
Liquid Fuel Stock for WC ²	in Month		
O&M Expenses for WC	in Month	1	1
Maintenance Spares for WC	% of O&M	15%	15%
Receivables for WC	in Month	2	2
Storage Capacity of Primary Fuel	MT	3,80,000	3,80,000
Blending ratio of domestic coal/imported coal			

Note :

1. For Coal based generating stations.
2. For Gas Turbine/Combined Cycle generating Stations duly taking into account the mode of operation on gas fuel and liquid fuel.

Maintenance Schedule of Thermal Power Stations
(For Previous Year, Current Year and all Years of Control Years)

Year 2017-18					
S.No.	Plant/Unit	Period	Days	Type of Maintenance	
1	GVK Power (Goindwal Sahib)				
	Unit-I	15.09.2017 to 28.09.2017	14	BFP Overhaul	
	Unit-II	14.08.2017 to 23.08.2017	10	TG Bearing 1,2,3,4 & 7 inspection	
Year 2018-19					
S.No.	Plant/Unit	Period	Days	Type of Maintenance	
1	GVK Power (Goindwal Sahib)				
	Unit-I		Nil	Nil	
	Unit-II	28.06.2018 to 10.07.2018	13	TE End oil catcher and seal body inspection work	

Generation Details: Fuel and Variable Cost

S. No.	Source	Plant Capacity (MW)	Plant Load Factor (%)	Energy Details			Fuel Details												Variable Charges (refer Note below)				Total Fuel Variable Cost (₹ crore)										
				Gross Generation (MU)	Auxiliary Consumption (%)	Net Generation (MU)	Station Heat Rate (kcal/kWh)	Weighted Average GCV of Coal received (kcal/kg)	Specific Consumption of Coal (kg/kWh)	Quantity of Coal Received (MT)			Transit Loss of Coal (where ever applicable) (%)						Transit Loss of Coal (where ever applicable) (MT)					Weighted Average Calorific value of oil (Kcal/litre)	Weighted Average Coal Cost (₹/MT)	Total Coal Cost (₹ crore)	Weighted Average Oil Cost (₹/kl)	Total Oil Cost (₹ crore)					
1	2	3	4	5	6	7	8	9	10	11	12	Indigenous	Imported	PANAM	Other (specify)	Indigenous	Imported	PANAM	Other (specify)	Indigenous	Imported	PANAM	Other (specify)	Total Quantity of Coal (MT)	Quantity of Oil (KL)	Specific Oil Consumption (ml/kWh)	Weighted Average Calorific value of oil (Kcal/litre)	Weighted Average Coal Cost (₹/MT)	Total Coal Cost (₹ crore)	Weighted Average Oil Cost (₹/kl)	Total Oil Cost (₹ crore)	Total Fuel Variable Cost (₹ crore)	
	Year: 2018-19 (Actual):																							24	25	26	27	28	29	30	31	32	
	GVK Power (Gohdwal Sahb)	540	51.67%	2,436	9.56%	2203.00	66.22%	2314.87	3,396	0.68	16,60,491	0	0	0	0	41,355	0	0	0	0	0	0	17,01,846	1,596	0.655	10396	6562	1,116.83	45688	7,285	1,124.11	5.10	
	Year: 2019-20 (Estimated):																																
	GVK Power (Gohdwal Sahb)	540	27.73%	1,311.52	9.26%	1190.08	99.31%	2310.1	3,358	0.69	9,02,264	0	0	0	0	14,951	0	0	0	0	0	0	9,17,214	1,173	0.994	9019	5671	538.52	44949	5,270	543.79	4.57	

Note:

1. Coal cost as furnished in this Form-G8 is on the basis of procurement during the year, whereas in the Profit and Loss Statement of the Annual Accounts, cost of coal consumed is provided taking into account the inventory as well.
2. Utility to provide the above details for the previous year, current year and entire control period.
3. Where parameters for different units of a plant are different, the above information shall be provided unit wise.
4. For all the new plants commissioned on or after effective date, the above information shall be provided unit wise.
5. The parameters regarding coal are to be separately provided for indigenous coal, imported coal, washed coal etc.

0

#REF!

Form G9**Repair & Maintenance Expenditure**
(Rs. Crore)

S. No	Particulars	Actual	
		2018-19	3rd Year 2019-20
1	Plant and Machinery	1.48	2.52
	- Boiler		
	- Turbine		
	- Generator		
	- Others (specify)	1.06	1.44
2	Buildings	0.30	0.21
3	Civil Works		
4	Hydraulic Works		
5	Lines, Cable Networks etc.		
6	Vehicles		0.01
7	Furniture and Fixtures		0.00
8	Office Equipments		0.12
9	Station Supplies		
10	Any other item (specify)		
	Contract labour	13.61	15.11
	Consumables, Stores and Spares	9.42	14.29
11	Total R&M Expenses (1 to 10)	25.86	33.71
12	R&M Expenses Capitalized		
13	Net R&M Expenses (11-12)	25.86	33.71

Note :

1. The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any

Working Capital Requirements

S. No.	Particulars	(Rs. Crore)	
		Actual (Refer Note below)	Projections
		2018-10	2019-20
A	For Coal Based Generating Stations		
1	Cost of Fuel for 2 months corresponding to Normative Annual Plant Availability Factor.	301.42	272.93
2	O&M expenses for 1 month	5.47	7.97
3	Receivables equivalent to 2 months of fixed & variable charges for sale of electricity calculated on the normative annual plant availability factor	412.12	383.62
4	Maintenance Spares (@15% of O&M Expenses)	9.84	14.35
	Total	728.85	678.87
B	Open-Cycle Gas Turbine/Combined Cycle Generating Stations		
1	Cost of Fuel for 1 month corresponding to Normative Annual Plant Availability Factor		
2	Cost of Liquid Fuel for 1/2 month corresponding to Normative Annual Plant Availability Factor		
3	Receivables equivalent to 2 months of fixed & variable charges corresponding to Normative Annual Plant Availability Factor		
4	O&M Expenses for 1 month		
5	Maintenance Spares (@30% of O&M Expenses)		
	Total		
C	Hydro Based Generating Stations		
1	O&M expenses 1 month		
2	Receivables equivalent to 2 months of fixed cost		
3	Maintenance Spares (@15% of O&M Expenses)		
	Total	728.85	678.87
D	Working Capital	12.25%	12.25%
F	Interest on Working Capital*	89.28	83.16

*The interest rate for this purpose shall be the rate as specified in Regulation 34.2.

Note :

Interest on Working Capital is computed on normative basis as per the Tariff Regulations.

1. The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating Company or by BBMB.

Appendix-I Form G10

Computation of cost of coal and oil on Normative basis for generation corresponding to the normative annual plant availability factor

Sl. No.	Particulars	Unit	2018-19	2019-20
1	Gross Generation at Normative PAF	MU	4021	4021
2	Gross Station Heat Rate (normative)	kCal/kWh	2321	2321
3	Specific Fuel Oil Consumption (normative)	ml/kWh	0.5	0.5
4	Weighted Average Calorific Value of Oil	Kcal/lit	10396	9019
5	Heat Contribution from Oil	kCal/kWh	5.20	5
6	Heat Contribution from Coal	kCal/kWh	2316	2316
7	Weighted Average GCV of Coal	kCal/kg	3396	3358
8	Weighted Average Coal Cost	Rs/MT	6562	5871
9	Weighted Average Oil Cost	Rs/KL	45658	44949
10	Coal cost corresponding to gross generation at Normative PAF	Rs Crore	1799	1629
11	Oil cost corresponding to gross generation at Normative PAF	Rs Crore	9	9

Form G11

Tabled Information Regarding Fuel For Computation Of Energy Charge

S. No.	Particulars	Unit	Actual	Estimated
			2018-19	2019-20
1	Quantity of Coal supplied by the Coal Company	MT	17,01,846	11,69,837
2	Adjustments (+/-), if any, in quantity supplied by the Coal Company	MT	-	-
3	Coal supplied by the Coal Company (1+2)	MT	17,01,846	11,69,837
4	Normative Transit & Handling Losses, where ever applicable (For Coal based Projects)	MT	41,355	19,030
5	Net Coal Supplied (3-4)	MT	16,60,491	11,50,807
6	Amount charged by the Coal Company	Rs.	3,81,16,68,923	2,31,96,88,405
7	Adjustment (+/-) in amount charged made by Coal Company	Rs.	-	-
8	Total amount charged (6+7)	Rs.	3,81,16,68,923	2,31,96,88,405
9	Transportation charges (rail / ship / road)	Rs.	7,35,66,27,682	4,54,87,58,315
10	Adjustments(+/-) in amount charged by Transport Company	Rs.	-	-
11	Demurrage charges, if any	Rs.	-	-
12	Cost of diesel in transporting coal through MGR system, if applicable	Rs.	-	-
13	Total Transportation charges (9+10+11+12)	Rs.	7,35,66,27,682	4,54,87,58,315
14	Total amount (including transportation) (8+13)	Rs.	11,16,82,96,604	6,86,84,46,720
15	Local Area Development Tax	Rs.		
16	Unloading Charges	Rs.		
17	Duty, if any	Rs.		
18	Total fuel charges (14+15+16+17)	Rs.	11,16,82,96,604	6,86,84,46,720
19	Weighted average rate (18/1)	Rs./MT	6,562	5,871
20	Weighted average GCV of coal	Kcal/kg	3,396	3,358

*Similar Details shall be submitted for other fuels

Investments Details

CONTROL PERIOD						
FY 2017-18 - Projection						
Sl. No.	Description of investment	Balance at the beginning of the year	Further Investments during the year	Investments realised during the year	Balance at the end of the year	Remarks
1						
2			Not Applicable			
3						
	Total					

(Rs in crore)						
FY 2017-18 - Actual						
Sl. No.	Description of investment	Balance at the beginning of the year	Further Investments during the year	Investments realised during the year	Balance at the end of the year	Remarks
1	FDR with Axis Bank Ltd - Margin Money	-		-	-	
2	FDR with HDFC Bank (Punjab Sales Tax)	0.02		(0.00)	0.019	
3	Investments in Mutual Fund - IDBI Ultra Short Term Fund	-		-	-	
	Total	0.02		(0.00)	0.02	

FY 2018-19 - Projection						
Sl. No.	Description of investment	Balance at the beginning of the year	Further Investments during the year	Investments realised during the year	Balance at the end of the year	Remarks
1						
2			Not Applicable			
3						
	Total					

(Rs in crore)						
FY 2018-19 - Actual						
Sl. No.	Description of investment	Balance at the beginning of the year	Further Investments during the year	Investments realised during the year	Balance at the end of the year	Remarks
1	FDR with Axis Bank Ltd - Margin Money	-		-	-	
2	FDR with HDFC Bank (Punjab Sales Tax)	0.02		(0.00)	0.02	
3	Investments in Mutual Fund - IDBI Ultra Short Term Fund	-		-	-	
	Total	0.02		(0.00)	0.02	

Form G13

Income from Investments and other Non-Tariff Income

S. No	Particulars	Rs. Crore	
		Actual 2018-19	Projection 2019-20
A	Income from Investment		
1	Interest on fixed deposits	0.22	2.57
2	Interest from Banks other than Fixed Deposits	-	-
3	Interest Income from other Investments	-	-
	Sub-Total	0.22	2.57
B	Other Non Tariff Income		
1	Interest on loans and Advances to staff	-	-
2	Gain (Loss) on Sale of Fixed Assets	-	-
3	Income/Fee/Collection against staff welfare activities	-	-
4	Revenue from surcharges for late payment	-	19.01
5	Net recovery from penalty on coal liaison agents	-	-
6	Income-Excess Provision Written Back	-	-
7	Sale of fly ash	-	-
8	Sale of scrap	0.04	0.05
	Sub-Total	0.04	19.01
	Total	0.27	21.59

Form G14

Existing and Proposed Tariff Schedule

S. No	Particulars	Unit	Previous	
			Actual	2019-20
1	Fixed Charges	Rs in crore	681.30	664.16
2	Energy Charges	paise/kWh	5.10	4.57

Note: This is to be provided for each power plant of the generating company.

Revenue from Sale of Power (at existing tariffs)

S. No	Consumer	2018-19 - Actual							Fuel Cost Adjustm ent Amount Rs in crore	Total Charges Rs in crore
		Allocated Capacity MW	Annual Fixed Charges (₹ crore)	Rate of Energy Charges paise/unit	Energy Sold MU	Fixed Charges Rs in crore	Energy Charges Rs in crore	Incentive/ Dis- incentive Rs in crore		
		540.00	681.30	5.10	2,203.00	681.30	1,124.11	-		
1	Discom									
	Total									1,805.42

S. No	Consumer	2019-20							Fuel Cost Adjustm ent Amount Rs in crore	Total Charges Rs in crore
		Allocated Capacity MW	Annual Fixed Charges (₹ crore)	Rate of Energy Charges paise/unit	Energy Sold MU	Fixed Charges Rs in crore	Energy Charges Rs in crore	Incentive/ Dis- incentive Rs in crore		
		540.00	664.16	4.57	1,190.08	664.16	543.79	-		
1	Discom									
	Total									1,207.95

Revenue from Sale of Power (at Proposed Tariffs)

S. No	Consumer	2019-20 - Estimated							Total Charges
		Allocated Capacity	Annual Fixed Charges	Rate of Energy Charges	Energy Sold	Fixed Charges	Energy Charges	Total Charges	
		MW	Rs in crore	paise/unit	MU	Rs in crore	Rs in crore	Rs in crore	
1	2	17	18	19	20	21	22	23	
1	Discom	540	664	4.57	1190	664	544	1208	
	Total	540	664	4.57	1190	664	544	1208	

S. No	Consumer	2018-19 - Actual							Total Charges
		Allocated Capacity	Annual Fixed Charges	Rate of Energy Charges	Energy Sold	Fixed Charges	Energy Charges	Total Charges	
		MW	Rs in crore	paise/unit	MU	Rs in crore	Rs in crore	Rs in crore	
1	2	10	11	12	13	14	15	16	
1	Discom	540	681.30	5.10	2,203.00	681.30	1,124.11	1,805.42	
	Total	540	681.30	5.10	2,203.00	681.30	1,124.11	1,805.42	