ORDER

OF THE

WEST BENGAL ELECTRICITY REGULATORY COMMISSION

IN THE MATTER OF

CASE NO: APR(R)-6/14-15

IN RE PETITION SUBMITTED BY THE WEST BENGAL POWER DEVELOPMENT CORPORATION LIMITED FOR REVIEW OF ANNUAL PERFORMANCE REVIEW ORDER DATED 21.07.2014 FOR THE YEAR 2012-13 IN CASE NO. APR – 39 / 13 – 14

PRESENT:

SRI RABINDRA NATH SEN, CHAIRPERSON
SRI AMITAVA BISWAS, MEMBER
SRI DURGADAS GOSWAMI, MEMBER

DATE: 29.08.2018

Noting by Office or Advocate	Sl. No.	Date	Office notes, reports orders or proceedings with signature
			ORDER 1. This is in regard to the application submitted by West Bengal Power Development Corporation Limited (in short 'WBPDCL') for review of the order of Annual Performance Review (in short 'APR') of WBPDCL for the year 2012-13 issued by West Bengal Electricity Regulatory Commission (in short 'Commission') on 21.07.2014 in Case No. APR – 39 / 13 – 14 as per provisions of West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011, as amended (in short 'Tariff regulations'). 2. In their review petition, WBPDCL has stated that being aggrieved by certain directions/findings of the Commission in the APR order dated 21.07.2014, the petitioner is filing the review petition to – (a) Place its concerns before the Commission, (b) Seek suitable redress/relief, (c) Seek justification and/or rectification of such directions and/or findings to facilitate effective and efficacious implementation, and (d) Wherever necessary, seek review of and/or modification and/or clarification to such directions and/or findings and/or computations. 3. The issues associating the APR order for the year 2012-13, as highlighted by WBPDCL in their review petition, for review are as follows: ***A.*** ***"Water Charges****:* It is observed that the Hon'ble Commission has admitted the actual expenses incurred in respect of Bakreswar and Sagardighi Generating Stations and the expenses proportionate to actual generation in respect of Kolaghat, Bandel and Santaldih Generating Station. The Commission has not allowed the actual expenses in respect of Kolaghat, Bandel and Santaldih Generating Stations, since their actual expenses are much higher than the proportionate expenditure with reference to the actual generation.

The Hon'ble Commission vide Para 2.3.2 of the APR Order has observed that "WBPDCL has not mentioned in their submission regarding any changes in the rate of water cess during the year'.

The contention of the Hon'ble commission that WBPDCL had not mentioned in their submission regarding any changes in the rate of water cess during the year is not the fact. In this respect attention is drawn to 2nd Para of Item 3 of Page-XIII of the APR application it has been clarified that the increase in the amount of Water Cess of Santaldih TPS is due to steep hike in the "Water Tariff Rate" effective from 01.10.2012, as notified by DVC. The said enhancement has been made effective by DVC based on the allocation of water by Damodar Valley River Regulatory Commission.

Specimen copy of the claim raised by DVC towards cost of Raw Water has also been enclosed as Annexure-B with the APR application submitted on 29th November, 2013.

The relevant notification issued by DVC regarding revision of water tariff for supply of Raw Water for industrial used is enclosed herewith for your ready reference vide Annexure-II.

So, far as other Power Stations are concerned, payment of water cess is statutory in nature and as such it has been categorized as an 'uncontrollable' item in the Tariff Regulation.

In view of the above, it is requested that Hon'ble Commission reviews its decision and allow recovery of the disallowed balance amount of Rs. 1006.42 lakh Rs. (1078.44 – 72.02) lakh at least in respect of Santaldih TPS as per above referred table of the Order."

B. *"Interest on Working Capital*: It is worthwhile to mention that WBPDCL received Tariff Orders for the financial year 2008-09, 2009-10, 2010-11 on 30.12.2011 in respect of the five new units constructed during the period, with the direction to recover the arrear tariff amounting to Rs. 1766.91 crores (as reconciled with WBSEDCL) in 72 equal monthly installments commencing from December 2012.

Further Tariff order for 2011-12 and 2012-13 was received on 01.12.2012 with the direction to recover the arrear amount of Rs. 711.35 crore for 2011-12 & 2012-12 (upto Oct 2012) over a period of 48 months commencing from April, 2013.

In addition, order on Fuel Cost Adjustment Claims for the years 2010-11 were also received much late on 16.10.2012, with the direction to recover total amount of Rs. 490.25 crore over a period of 24 months for the said financial year. Although Orders on Fuel Cost Adjustment Claims for the FY 2011-12 & FY 2012-13 have been received and the amounts of Rs. 216.64 crore & Rs. 952.88 crore determined as receivable by the Hon'ble Commission, no directions, however, for recovery of the said amounts have been received.

The aforesaid abnormal delays in getting Tariff Orders in time and recovery thereof forced WBPDCL to borrow Short term/ Medium term loans from commercial banks/Financial Institutes at best available market rate of interest for procurement of coal and oil to maintain steady generation. Such borrowing on the part of WBPDCL was unavoidable and beyond its control as for continuing the Generation process to meet the required expenses, the funds are either to be borrowed or to be provided by the creditors. Since coal being the primary input for Thermal power Generating stations and Coal India Ltd. Has been continuously insisting on 'Cash & Carry System', WBPDCL is left with no other alternative but to borrow moneys from the Banks/Financial Institutes.

In view of the above, it is requested that the Hon'ble Commission reviews its decision and allow recovery of the disallowed balance amount of Rs. 6909.86 lakh (Rs. 15878.86-Rs 8969.00 lakh above referred table of the Order)."

C. ***"Interest Credit***: The delay in repayment of capital loans is due to abnormal delay in getting tariff orders from the Hon'ble Commission followed by prolonged period of recovery of the arrear amount allowed in the said Tariff Orders. The details of such delays in getting tariff orders and recovery of the arrear amount have already been explained vide Para B above of this petition.

In this respect it is submitted for information of the Hon'ble Commission that WBPDCL has deposited the sum of Rs. 439.69 crore towards repayment of principal and interest accrued and due to the Government of West Bengal as on

31st March, 2013 in respect of Bakreswar Thermal Power Station. The information has been separately indicated vide 3rd Para of Item No. 9, Page-XX in the APR application submitted to the Commission. The relevant documents in this respect has, however, been attached with the review petition of the APR for 2011-12 submitted on 24th November, 2013 against which no observation from the Commission has so far been received. Moreover, the Commission has deducted on the same ground for the year 2012-13 also without recognizing the payment released to the Govt. of West Bengal.

In view of the above, it is requested that the Hon'ble Commission reviews its decision and allow recovery of the disallowed interest credit amounting to Rs. 1101.13 lakh relating to the financial year 2012-13."

D. ***"Rebate on Sale of Power***: Pursuant of Para 2.12.1 the Commission has admitted the sum of Rs. 1042.44 lakh deducted by WBSEDCL from the Monthly Energy Bills of WBPDCL for releasing prompt payment within schedule dates, as rebate on sale of power, for the year 2012-13.

The said amount has been linked with other fixed costs, recovery of which is dependent on achievement of target availability of the respective power stations. As a result, due to non achievement of target availability by some power stations during the year 2012-13, WBPDCL is not in a position to recover the full amount of rebate on sale of power deducted by WBSEDCL. The calculation showing such under recovery of the deducted Rebate on Sale of Power (ROS) is shown below:

Power Station	Normative PAF (%)	Actual PAF (%)	ROS Admitted in Order (Rs Lakh)	ROS Actual Recovery (Rs Lakh)	Under/Over recovery (Rs Lakh)
KTPS	78.00	72.53	325.69	302.85	22.84
BkTPP – Stg-I	85.00	88.77	192.99	201.55	(8.56)
BkTPP – Stg-II	85.00	94.58	128.66	135.91	(7.25)
BTPS	73.00	53.31	125.75	91.83	33.92
STPS	85.00	58.81	124.55	105.36	19.19
SgTPP	85.00	77.54	144.80	138.45	6.35
Total			**1042.44**	**975.95**	**66.49**

From the above table it is apparent that in respect of Bakreswar recovery of rebate on sale in more than that of the admitted amount while in respect of other four power stations there has been under recovery of rebate compared to the admitted

amount. The net effect being Rs. 66.49 Lakh.

The rebate on sale for prompt payment is a trade discount and cannot be treated as expenditure relatable to achievement of generation targets. Therefore, WBPDCL is of the view that there should not be any over recovery and at the same time any under recovery of the amount of rebate on sale for prompt payment.

In view of the above, it is requested that the Hon'ble Commission reviews its decision and allow recovery of the balance amount of rebate on sale of power amounting to Rs. 66.49 lakh without linking the same with fixed cost and garget availability."

E. "Depreciation: The Hon'ble Commission has deducted 10% of the chargeable amount of depreciation of Bakreswar Transmission System on the ground that WBPDCL has not submitted the details of calculation of depreciation with regard to different transmission assets as directed excepting on lump sum transmission assets categorized in two kinds.

In this respect WBPDCL would like to mention that all the transmission assets of Bakreswar TPS are categorized in two types of rates as specified in WBERC Tariff Regulations. However, the Asset register on Bakreswar transmission system has all the details. Relevant page of the Asset Register as on 31st March, 2013 containing the information in respect of the Transmission Assets of Bakreswar is enclosed vide Annexure-III.

In view of the above, it is requested that the Hon'ble Commission reviews its decision and allow recovery of the balance amount of Depreciation amounting to Rs. 172.54 lakh in respect of Bakreswar Transmission System."

F. "Interest on Normative Debt: The Hon'ble commission vide order dated 30.12.2011 has disallowed the excess equity above 30%, while allowing the project cost and the excess amount has been treated as normative debt.

In the APR Order for 2012-13 the Commission has considered eligibility for any return on equity capital only in the event of addition to the fixed assets during any particular year. But as per the Regulation, indicated above, the excess contribution in Equity over 30% of the project cost will be treated as Normative Debt and

applicable rate of interest will be paid thereon without linking in investment in fixed assets only.

Accordingly, WBPDCL applied for interest on the Normative Debt on the portion of excess equity capital beyond 30% vide Regulation 5.4.2 which was utilized in the project.

In view of the above, it is requested that the Hon'ble Commission reviews its decision and allow normative debt in respect of Bakreswar and Sagardighi TPS amounting to Rs. 190.79 lakh and Rs. 181.96 lakh respectively."

G. ***"Return on Equity base for the years 2009-10 to 2011-12***: The Commission vide Para 2.13.6 has observed as under:

"However, the issue of computation of equity base for the years 2008-2009, 2009-2010 and 2010-2011 for the purpose of return on equity is sub-judice in the Appellate Tribunal for Electricity (APTEL) and hence the same cannot be decided by the Commission. After issue of order by the Hon'ble APTEL, the Commission will deliver on the issue in future".

In the aforesaid observation the Commission has not mentioned the financial year 2011-12 on the same ground which also need to be considered."

H. ***"Request for removal of effect of adjustment of Fixed Cost relating to earlier years which is not having any bearing on the current year:*** In terms of the provisions contained in clause 2.6.6 (ii) of the West Bengal Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2011, regarding allowance of any specific part of whole of adjustable amount determined under Annual Performance Review (APR) for a generating company to be recovered from the purchaser of electricity through a separate order instead of adjusting with the Annual Revenue Requirement (APR) of any ensuing year.

Because of non receipt of Tariff Orders in time and subsequent receipt of the said orders with long recoverable period, WBPDCL is facing acute flow problem. This is impacting provision of funds in absence of equity contribution from the state government, for ongoing projects. Therefore the allowable adjustable amount needs to be recovered separately, without linking the same with the Tariff Order.

Therefore, WBPDCL requested the Commission, in the APR application dated 29th November 2013 to take into consideration of the above provisions of the Regulation while determining tariff for 2014-15 based on the APR for 2012-13, so that the due recoverable amount for the year does not get impacted by the performance of the following year.

The Commission did not make any observation on the above request and as such the considered opinion may kindly be intimated."

I. ***"Income from Other Sources/Non-tariff Income***: The Hon'ble Commission vide Para 2.17.3 has observed as under:

"*It was directed to show the income derived from leasing of wagons and simulation package as well as from hydrogen gas plants separately, since the carrying cost of those elements have been allowed in the fixed charge of Bakreswar Unit. Such direction is yet to be complied with in APR 2012 – 2013. WBPDCL is further directed to comply with the above direction and submit the report within 3 months from this order failing which necessary deduction / withheld of amount, as may be decided by the Commission, will be made in the APR for 2013-2014".*

The Observation of the Commission that the relevant direction has not yet been complied is not the fact. The required compliance has already been made by WBPDCL along with the submission of Annual Performance Review for 2011-12 as annexure in Volume-III submitted on 30th November, 2012.

Therefore, the Hon'ble Commission is requested to advice whether same compliance is again required to be made within three months from the date of APR Order for 2012-13."

j) "***Treatment of Notional Declared Capacity:*** From Para 2.29 of the APR Order for the year 2012-13, it is apparent that the Commission has computed the Capacity Charges payable to WBPDCL based on energy bills raised during 2012-13 i.e. actual availability. As such the computation did not cover the availability factor based Notional Declared Capacity, arising out of coal shortage, as certified by the State Load Despatch Centre (SLDC) in its monthly certificates resulting in loss of capacity charges for WBPDCL.

Therefore, the Hon'ble Commission is requested to look into this aspect as not considered in the above referred order and allow the amount payable on this account."

4. The prayer of WBPDCL has been reviewed and the decision of the Commission on the points raised by the petitioner are narrated below:

(A) ***Water Charges:*** As regards allowance of Water Charges and cess for Kolaghat, Bakreswar, Bandel and Sagardighi Generating stations, the methodology of computation of allowable charges, as considered by the Commission in the impugned APR order, is correct and the same method is being followed for other generating station/licensee. In regard to Santaldih generating station, WBPDCL submitted in their APR petition that a steep hike in water tariff rate of DVC has taken place from 01.10.2012 and accordingly water charges for Santaldih generating station has gone so high during the year. Since the Commission has allowed water charges of Santaldih on the basis of revised water tariff rate in the tariff order of WBPDCL for 2014-15 onwards, the claim of WBPDCL for Santaldih generating station may now be considered by the Commission. The Commission through its letter dated 27.03.2018 sought copies of water charges bills paid/accounted for during 2012-13. WBPDCL submitted such documents and statement of bills of charges. Allowable water charges on review stands as below:

Sl No.	Particulars	Amount (Rs. In lakh)
1	Claim of WBPDCL	1078.44
2	Amount admitted in APR order	72.02
3	Amount allowable on review	1006.42

(B) ***Interest on Working Capital***: The Commission has computed working capital requirement and interest on working capital strictly on normative basis as per Tariff Regulations and has allowed interest on working capital in terms of Regulation 5.6.5.2 of the Tariff Regulations, 2011, as amended. Drawl of loan and payment of interest therefore for the reasons of delay in realisation of admissible tariff and arrears does not fall under working capital and was accordingly the Commission admitted interest on working capital only to the extent computed on normative basis.

			(C) Interest Credit: The Commission computed Interest Credit on the basis of submission of WBPDCL in the respective formats, which are based on figures of Annual Accounts for 2012-13. The submission of WBPDCL in the review petition that a sum of Rs.439.69 Cr. deposited to Govt. on account of payment of principal and interest on Govt. of WB loan accrued and due as on 31.03.2013 do not corroborate their submission in data formats of APR petition. WBPDCL, however, confirmed through their letter dated 11.06.2018 that the repayment of Govt. loan was made in the month of September, 2013. Accordingly such repayment shall not be considered for computation of interest credit. ***(D) Rebate on sale of power***: WBPDCL allows a trade discount of 1% on the gross amount of monthly bill if the same is presented within due date. The Gross amount includes both energy charge and capacity charge. Since payment of capacity charges are made by WBSEDCL on the basis of availability declared by SLDC, further reduction of such charge (rebate) during computation of allowable capacity charge based on availability is not proper. Considering it, the Commission admits the excess reduction of Rs.66.49 Lakh as claimed by WBPDCL. ***(E) Depreciation***: WBPDCL has submitted asset register of Bakreswar Transmission system duly signed by the auditor. Accordingly the Commission decides to release the withheld amount of Rs.172.54 lakh considered under paragraph 2.9.3 of the APR order for 2012-13. ***(F) Interest on Normative Debt***: WBPDCL claimed interest on normative debt in Form-C of the APR Petition without giving details of computation in Form 1.20(b) as required. However, the Commission disallowed the claim on the ground that the admissible equity considered for return was found less than the actual equity contributed. The equity base for return in respect of the generating stations of WBPDCL has been reviewed and revised by the Commission on the basis of the direction of Hon'ble APTEL and differential amounts owing to such re-computations for the years 2011-12 and 2012-13 have been given effect to in the APR order of WBPDCL for 2013-14. WBPDCL may refer to the APR order for 2013-14 and may like to submit any claim on normative debt with computations in totality for all the generating stations, based on the original cost of fixed assets of individual station.

(G) Return on equity base for 2009-10, 2010-11 and 2011-12:

The Commission recalculated the admissible equity base of the Generating stations of WBPDCL from 2007-08 to 2012-13 by passing an order after due hearing as per directions of Hon'ble APTEL and has given effect of the revised return for 2011-12 and 2012-13 in the APR order for 2013-14.

(H) Request for removal of effect of adjustment of Fixed Cost relating to earlier years which is not having any bearing on the current year: The recoverable/refundable amount of capacity charges determined by the Commission through APR order for 2012-13 has already been given effect in the tariff orders of the fourth control period as per decision of the Commission contained in paragraph 4.2 of the APR order for 2012-13.

(I) Income from Other Sources/Non-tariff Income: The views of WBPDCL have been noted by the Commission. No deduction or withholding of any amount was given effect in the APR order for 2013-14 for the cause of action pointed out by WBPDCL.

(J) Treatment of Notional Declared Capacity: Plant Availability Factor considered in the APR orders for 2012-13 for computation of recoverable capacity charges, are based on the submission of WBPDCL and the statements received from SLDC. The commission further noted that Plant availability factors as per Actual Declared Capacity in respect of Bakreswar Phase-I and Phase-II are higher than the normative availability. SLDC has certified Notional declared capacity of the two units higher than the actual declared capacity. The Commission is, accordingly, of the view that there were no shortage of coal and accordingly admissibility of capacity charges on Notional declared capacity was not considered and there is no point to review the issue further.

5. On the basis of para-wise findings as above, the Commission now goes to determine the impact of the following allowable costs on review as below:

(i) Water charges of Santaldih Generating Station for Rs.1006.42 Lakh.

(ii) Admissible rebate on sale of power for Rs.66.49 Lakh.

(iii) Release of withheld depreciation of Rs.172.54 Lakh in respect of Bakreswar

Generating Station.

(iv) The statements of revised Aggregate Revenue Requirement (ARR) on APR of each generating station are attached as Annexure-A to Annexure-E

6. The amount of re-determined fixed charges of different generating stations for the year 2012-13 on review, after carrying out the adjustments in regard to fixed charges for 2010-11 comes as under:

Admitted in APR for 2012-13 on review					
Particulars	Generating Station				
	Kolaghat	Bakreswar	Bandel	Santaldih	Sagardighi
Redetermined Fixed cost 2012-13 allowed to recover through capacity charges	48975.53	71103.11	12503.08	51635.03	46298.75
Adjustment of fixed charges relating to 2010-11	5301.51	11464.64	-764.82	3028.45	-3459.64
Redetermined capacity charges	54277.04	82567.75	11738.26	54663.48	42839.11

7. The re-determined capacity charges of each generating station are now required to be adjusted as per PAF achieved during the year 2012-13 following the provisions of Tariff Regulations. Coal and ash handling charges and water charges have been determined on the basis of actual generation achieved. Such charges are not to be determined further on the basis of PAF achieved. Rebate on sale of power is similarly allowed to the power purchaser on the basis of claim based on actual availability (PAF). Such charges are accordingly not considered under the computation of admissible capacity charge based on achieved PAF. Computations of admissible capacity charge are given below:

Sl. No.	Particulars	Generating Stations					
		Kolaghat (10 years or more)	Bakreswar		Bandel (10 years or more)	Santaldih (less than 10 years)	Sagardighi (less than 10 years)
			Stage-I (10 years or more)	Stage-II (less than 10 years)			
1	Target PAF (%)	78	85	85	73	85	85
2	PAF Achieved (%)	72.53	88.77	94.58	53.31	58.81	77.54
3	Re-determined Capacity Charge (Rs. In Lakh)	54277.04	49540.65	33027.10	11738.26	54663.48	42839.11

4	Water charges (Rs. In lakh)	24.66	11.15	7.43	109.91	1078.44	6.20
5	Coal and ash handling charges (Rs. In lakh)	2057.51	313.28	208.85	559.54	104.95	153.59
6	Rebate on sale of power (Rs. In lakh)	325.69	192.99	128.66	125.75	124.55	144.80
7	Capacity charges to be considered for disallowance(7 =3-4-5-6)	51869.18	49023.23	32682.16	10943.06	53355.54	42534.52
8	Proportionate Capacity charge excluding 4,5 and 6	48231.69	51197.56	34523.89	7991.43	40871.02	40668.01
9	Capacity charge allowable on the basis of PAF achieved (9=8+4+5+6)	50639.55	51714.97	34868.84	8786.63	42178.96	40972.60

8. The Commission now takes up to ascertain the amount adjustable on review of APR order 2012-13 for each generating station of WBPDCL. Such adjustable amounts work out as under:

Sl. No.	Particulars	Generating Stations					
		Kolaghat (10 years or more)	Bakreswar		Bandel (10 years or more)	Santaldih (less than 10 years)	Sagardighi (less than 10 years)
			Stage-I (10 years or more)	Stage-II (less than 10 years)			
1	Admitted capacity charge in APR for 2012-13 (Para 1.2 above)	50639.55	51714.97	34868.84	8786.63	42178.96	40972.60
2	Additional capacity charge to be allowed for unit VI of STPs (Refer paragraph 2.28.2 of the APR order dated 21.7.2014	0.00	0.00	0.00	0.00	4832.37	0.00

3	Actual capacity charge recovered during 2012-13 (Refer Paragraph 2.29 of the APR order dated 21.07.2014)	53582.54	54028.66	36433.5	10124.4	42202.6	40868.55
4	Adjustment of capacity charge for 2012-13(4=1+2-3)	-2942.99	-2313.69	-1564.65	-1337.76	4808.73	104.05

9. Based on the foregoing analysis and admission thereof, the adjustments of capacity charges in respect of the generating stations of WBPDCL for the year 2012-13, on review, as shown in paragraph 1.3 above, as below:

Generating Stations	Amount (Rs. In Lakh)
Kolaghat	-2942.99
Bakreswar Stage-I (Unit I & II)	-2313.69
Bakreswar Stage-II (Unit III & IV)	-1564.65
Bandel	-1337.76
Santaldih	4808.73
Sagardighi	104.05
TOTAL	(-) 3246.32

10. The Commission under paragraph 6.2.3 and 6.2.4 of the tariff order of WBPDCL for the year 2014-15 dated 04.03.2015, adjusted generation station-wise adjustable amounts determined in the APR order of WBPDCL for 2012-13 dated 21.07.2014 in case no.APR-39/13-14. Consequent upon review of the APR order, as above, the adjustable amounts shall undergo changes as computed below:

Sl. No.	Particulars	Generating Stations					
		Kolaghat (10 years or more)	Bakreswar		Bandel (10 years or more)	Santaldih (less than 10 years)	Sagardighi (less than 10 years)
			Stage-I (10 years or more)	Stage-II (less than 10 years)			
1	Adjustable amounts determined in APR order dated 21.07.2014	-2965.83	-2413.24	-1630.31	-1371.7	3773.16	97.69
2	Adjustable amounts determined in this order	-2942.99	-2313.69	-1564.65	-1337.76	4808.73	104.05

2	Adjustable amounts determined in this order	-2942.99	-2313.69	-1564.65	-1337.76	4808.73	104.05
3	Balance amounts to be refunded/ adjusted(3=2-1)	22.84	99.55	65.66	33.92	1035.57	6.36

11. In terms of Tariff Regulations, the Generation station-wise adjustable amour determined under sl. No. 3 of the table below paragraph 1.5 above may be adjuste with the Aggregate Revenue Requirement of each generating station for the year 2018 2019 or that of any other ensuing year, as may be decided by the Commissior Decision of the Commission, in this regard will be given in the tariff order of WBPDCI for 2018-2019.

12. WBPDCL is to take note of this order.

13. The Review petition of WBPDCL is thus disposed of. Let a copy of this order be serve upon WBPDCL.

Sd/-	Sd/-	Sd/-
(DURGADAS GOSWAMI)	**(AMITAVA BISWAS)**	**(RABINDRA NATH SEN)**
MEMBER	**MEMBER**	**CHAIRPERSON**

DATED: 29.08.2018

Sd/-
(T.K. Mukherjee)
Secretary

ANNEXURE – A

KOLAGHAT THERMAL POWER STATION

Rs. in Lakh

SI. NO.	PARTICULARS	ADMITTED FOR APR 2012 - 2013
1	Employee Cost	13155.01
2	Water Charges	24.66
3	Coal and Ash Handling charge	2057.51
4	Cost of Outsourcing	0.00
5	Performance Incentive	0.00
6	Operation and Maintenance Expenses	13986.00
7	Insurances Premium	6.48
8	Financing Charges	53.37
9	Interest on borrowed capital	0.00
10	Interest on Working Capital	2813.82
11	Depreciation	756.02
12	Advance against Depreciation	0.00
13	**Special allocation**	
	a) Reserve for Unforeseen Exigencies	0.00
	b) Rebate on sale of power	325.69
14	Income Tax	589.47
15	Return on Equity	16917.42
16	Rent, Rates and Taxes	2.99
17	**Gross Aggregate Revenue Requirement (1 to 16)**	**50688.44**
18	Less Misc. other income	1712.91
19	**Aggregate Revenue Requirement (Annual) (19 = 17 - 18)**	**48975.53**

ANNEXURE – B

BAKRESWAR THERMAL POWER STATION

Rs. in Lakh

SI. NO.	PARTICULARS	ADMITTED FOR APR 2012 - 2013
1	Employee Cost	9262.90
2	Water Charges	18.58
3	Coal and Ash Handling charge	522.13
4	Cost of Outsourcing	0.00
5	Performance Incentive	0.00
6	Operation and Maintenance Expenses	9292.50
7	Insurances Premium	90.47
8	Financing Charges	58.63
9	Interest on borrowed capital	15935.08
10	Interest on Working Capital	2757.16
11	Depreciation	18839.03
12	Advance against Depreciation	0.00
13	**Special allocation**	
	a) Reserve for Unforeseen Exigencies	0.00
	b) Rebate on sale of power	321.65
14	Income Tax	2013.28
15	Rent, Rates and Taxes	11.71
16	Return on Equity	18529.18
17	**Gross Aggregate Revenue Requirement (1 to 16)**	**77652.30**
18	Less: Misc. other income	1884.84
19	Less: Interest Credit	1101.13
20	Less: Capital cost recoverable from WBSETCL	3563.22
21	**Aggregate Revenue Requirement (Annual) [(21 = 17 - (18 - 19 - 20)]**	**71103.11**

ANNEXURE – C

Rs. in Lakh

BANDEL THERMAL POWER STATION		
Sl. NO.	**PARTICULARS**	**ADMITTED FOR APR 2012 - 2013**
1	Employee Cost	5950.21
2	Water Charges	109.91
3	Coal and Ash Handling Charge	559.54
4	Cost of Outsourcing	0.00
5	Performance Incentive	0.00
6	Operation and Maintenance Expenses	5422.50
7	Insurances Premium	1.54
8	Financing Charges	13.33
9	Interest on borrowed capital	0.00
10	Interest on Working Capital	817.35
11	Depreciation	134.05
12	Advance against Depreciation	0.00
13	**Special allocation**	
	a) Reserve for Unforeseen Exigencies	0.00
	b) Rebate on sale of power	125.75
14	Income Tax	0.00
15	Rent, Rates and Taxes	33.17
16	Return on Equity	0.00
17	**Gross Aggregate Revenue Requirement (1 to 16)**	**13167.35**
18	Less Misc. other income	664.27
19	**Aggregate Revenue Requirement (Annual) (19 = 17 - 18)**	**12503.08**

ANNEXURE – D

SANTALDIH THERMAL POWER STATION

Rs. in Lakh

SI. NO.	PARTICULARS	ADMITTED FOR APR 2012 - 2013
1	Employee Cost	6171.31
2	Water Charges	1078.44
3	Coal and Ash Handling Charge	104.95
4	Cost of Outsourcing	0.00
5	Performance Incentive	0.00
6	Operation and Maintenance Expenses	3720.00
7	Insurances Premium	62.81
8	Financing Charges	17.28
9	Interest on borrowed capital	17013.30
10	Interest on Working Capital	1062.00
11	Depreciation	10618.25
12	Advance against Depreciation	4484.26
13	**Special allocation**	
	a) Reserve for Unforeseen Exigencies	0.00
	b) Rebate on sale of power	124.55
14	Income Tax	690.44
15	Return on Equity	8593.27
16	Rent, Rates and Taxes	0.00
17	**Gross Aggregate Revenue Requirement (1 to 16)**	**53740.86**
18	Less Misc. other income	465.31
19	Less: Capital cost recoverable from WBSETCL	1640.52
20	**Aggregate Revenue Requirement (Annual) (20 = 17 - 18 - 19)**	**51635.03**

ANNEXURE – E

		Rupees in Lakh
SAGARDIGHI THERMAL POWER STATION		
Sl. NO.	**PARTICULARS**	**ADMITTED FOR APR 2012 - 2013**
1	Employee Cost	5309.17
2	Water Charges	6.20
3	Coal and Ash Handling Charge	153.59
4	Cost of Outsourcing	0.00
5	Performance Incentive	0.00
6	Operation and Maintenance Expenses	3798.00
7	Insurances Premium	105.58
8	Financing Charges	28.09
9	Interest on borrowed capital	13701.48
10	Interest on Working Capital	1518.67
11	Depreciation	11106.95
12	Advance against Depreciation	366.92
13	**Special allocation**	
	a) Reserve for Unforeseen Exigencies	0.00
	b) Rebate on sale of power	144.80
14	Income Tax	0.00
15	Return on Equity	10924.22
16	Rent, Rates and Taxes	12.18
17	**Gross Aggregate Revenue Requirement (1 to 16)**	**47175.85**
18	Less Misc. other income	877.10
19	**Aggregate Revenue Requirement (Annual) (19 = 17 - 18)**	**46298.75**