



ORDER

OF THE

**WEST BENGAL ELECTRICITY REGULATORY
COMMISSION**

IN CASE NO.: FPPCA-42/09-10

**IN RE THE APPLICATION OF THE WEST BENGAL POWER
DEVELOPMENT CORPORATION LIMITED FOR FUEL COST
ADJUSTMENT (FCA) FOR THE FINANCIAL YEAR
2008 – 2009 IN ACCORDANCE WITH THE WEST BENGAL
ELECTRICITY REGULATORY COMMISSION (TERMS AND
CONDITIONS OF TARIFF) REGULATIONS, 2007, AS AMENDED.**

DATE: 01.06.2010



CHAPTER – 1 INTRODUCTION

- 1.1 In terms of the provisions contained in the regulation 2.8.7.1 of the West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2007, as amended (hereinafter referred to as the Tariff Regulations), the West Bengal Power Development Corporation Limited (in short “WBPDCCL”), a generating company, submitted its application on 10 December, 2009 for ascertaining the Fuel Cost Adjustments (in short “FCA”) separately for the following generating stations with extension units / Greenfield projects for the financial year 2008 – 2009.
- A) Kolaghat generating station;
 - B) i) Bakreswar generating station (old units I, II & III),
ii) Bakreswar generating station (Infirm power from Extension Units IV & V),
iii) Bakreswar generating station (Firm power from Extension Unit IV);
 - C) Bandel generating station;
 - D) i) Santaldih generating station (Old Units I, II, III & IV),
ii) Santaldih generating station (Infirm power from Extension Unit V)
 - E) i) Sagardighi generating station (Infirm power)
ii) Sagardighi generating station (Firm power)
- 1.2 The Tariff Regulations provide for submission of such application for FCA within forty five (45) days of the finalization of the accounts for the concerned year. The annual accounts for the year were finalized and got audited and reported by the Statutory Auditors on 19 September, 2009. But, the supplementary audit of accounts by the office of the Comptroller & Auditor General of India (C&AG) under the provision of section 619(3)(b) of the Companies Act, 1956, got delayed. WBPDCCL, therefore, submitted the applications for the FCA without having the comments and reports of the supplementary audit as referred to above. During the pendency of the case, WBPDCCL, however, subsequently submitted the copy of the comments made by the C&AG on its Accounts. Such



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submission was made along with its application for the Annual Performance Review for the concerned year. The Commission has taken note of the comments of C&AG for giving appropriate effects of that in its order.

- 1.3 The Fuel and Power Purchase Cost Adjustments (in short “FPPCA”) during the referred adjustment period, i.e., financial year 2008 – 2009, are to be admitted in terms of the following formula as enunciated by the Commission and incorporated in Part – B in Schedule – 7 to the Tariff Regulations.

$$\text{FPPCA (In Rs.)} = \{ \text{FC} + (\text{PPC} - \text{C}_D) \pm A \} - (\text{fc} + \text{ppc})$$

Where –

FC (Rs) Fuel Cost of own generation as per normative parameters fixed by the Commission or on actual basis in absence of any norm and UHV range as may be allowed under regulation 4.8, commensurate with actual level of energy sales by the generating company to the licensee during the adjustment period.

PPC (Rs) Total cost incurred including the cost for fuel for power purchase from different sources commensurate with actual level of pumped energy required by pumped storage hydro-generating station only.

C_D (Rs) Cost disallowed by the Commission as having been incurred in breach of its economic generation, or of order / direction of the Commission, if any, or for any other reason considered sufficient by the Commission during the adjustment period and adjusted corresponding to actual level of sales to the licensee.

A (Rs) Adjustment, if any, to be made in the current period to account for any excess / shortfall in recovery of fuel and power purchase cost in the past adjustment period based on directions / orders of the Commission.



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|-----------|---|
| fc (Rs.) | Fuel cost of own generation for sale to the licensee as allowed by the Commission in the tariff order corresponding to relevant adjustment period. |
| ppc (Rs.) | Power purchase cost allowed by the Commission for the relevant adjustment period in the tariff order for pumping energy required by pumped storage hydro-generating station only. |
- 1.4 The formula referred to above has two distinct parts. The first part is intended to arrive at the amount that should reasonably be recovered by a generating company from its energy recipients for the particular adjustment period under consideration towards fuel and power purchase cost. The second part is meant for the total amount of such costs that was allowed to be recovered through the power tariff fixed by the Commission on prospective basis. The difference between the two amounts is to signify the amount that needs to be either additionally recovered from or refunded to the recipients of energy, as the case may be. The factor PPC and ppc in the referred formula stands for “power purchase cost” and are not applicable for WBPDCCL in the present case. The nomenclature of each of other factor notations used in the formula and value that needs to be assigned to each of such factors is being discussed in the next chapter. The instant order is for ascertaining the amounts of admissible fuel cost separately for each of the concerned generating stations applying the first part of the formula referred to above.
- 1.5 As mentioned in paragraph 1.1 above, WBPDCCL has asked for the determination of FPPCA for supplies of both infirm and firm power came out of operation of its extension units at Bakreswar and Santaldih generating stations. It has also asked for such determination for the greenfield Sagardighi generating station. The tariffs for the referred extension units and for the greenfield generating station are yet to be determined by the Commission. The rates of energy charges, presently being recovered by WBPDCCL for the referred extension units and for Sagardighi



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generating station are provisional and subject to adjustment on finalization of tariffs for those units. No FPPCA for those units / generating stations can be processed and determined till the time tariff for those are fixed.

- 1.6 At the outset, the Commission makes it clear that the present order is to deal with the determination of amounts of admissible fuel costs for the old units at Kolaghat, Bakreswar, Bandel and Santaldih generating stations. The admissible fuel costs for supply of infirm and firm power from the extension units as well as Sagardighi generating station will be viewed at the time of fixing tariffs for those units.
- 1.7 The schedule – 9B to the Tariff Regulations contains provisions for sharing the gains, if any, derived by the generating company on account of its better performances over the operating and fuel consumption norms set by the Commission for the concerned year, with the energy recipient. The operational parameters which are to be considered for such sharing the gains are:
- i) Oil consumption rate,
 - ii) Rate of Auxiliary Consumption,
 - iii) Gross Station Heat Rate.

The referred schedule 9B to the Tariff Regulations also provides that in case availability of a generating station of the generating company falls below the availability norms, then the total gains meant to be passed on to the energy recipients under above item, is first to be used to compensate the deficit in the recovery of the fixed charges, if any, by the generating company.

- 1.8 It, therefore, needs to view the actual performances of WBPDCCL in comparison to the operational and fuel efficiency norms set by the Commission in the Tariff Order for the concerned year. Such comparisons are made here:



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Sl No	Generating Station	Particulars	Unit	As per Tariff Order	As per Actual
1	Kolaghat	Plant Availability Factor	%	76.00	61.45
		Rate of Auxiliary Consumption	%	10.10	10.43
		Specific Consumption of Oil	ml/Kwh	2.15	2.20
		Station Heat Rate	KCal/kWh	2750.00	2936.68
2	Bakreswar	Plant Availability Factor	%	85.00	87.00
		Rate of Auxiliary Consumption	%	9.00	10.46
		Specific Consumption of Oil	ml/Kwh	1.70	0.21
		Station Heat Rate	KCal/kWh	2590.00	2936.34
3	Bandel	Plant Availability Factor	%	62.00	63.21
		Rate of Auxiliary Consumption	%	10.65	10.08
		Specific Consumption of Oil	ml/Kwh	3.15	1.96
		Station Heat Rate	KCal/kWh	3005.00	3034.52
4	Santalidih	Plant Availability Factor	%	36.00	28.45
		Rate of Auxiliary Consumption	%	11.30	15.55
		Specific Consumption of Oil	ml/Kwh	4.00	5.94
		Station Heat Rate	KCal/kWh	3200.00	3627.56

The computations of actual Station Heat Rates achieved are shown in Annexure – 1A.

- 1.9 As it comes out from above, the rate of oil consumption at Bakreswar and the same at Bandel generating stations came less than the rates considered in the tariff order. Rate of auxiliary consumption in Bandel generating station also came less than the rates considered in the tariff order. For all other parameters, the



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actual performances of WBPDCCL fell short of the norms set by the Commission. In terms of provisions contained in paragraphs A1 and A2 of Schedule – 9B to the Tariff Regulations, WBPDCCL needs to share the gains derived by it by improving upon the oil consumption norm in Bakreswar and auxiliary consumption and oil consumption norms in Bandel generating stations. This aspect will further be examined and considered in the next chapter. However, such gains shared with WBSEDCL for better auxiliary consumption and oil consumption at Bandel generating station will be dealt in Annual Performance Review (APR) of WBPDCCL for 2008 – 2009 for adjustment to compensate the deficit in the recovery of the fixed charges, if any, in Bandel generating station due to non-achieving the plant availability as per norm in terms of Part E of Schedule 9B of the Tariff Regulations.



ANNEXURE - 1A COMPUTATIONS OF ACTUAL STATION HEAT RATES ACHIEVED

SI No	Particulars	Unit	Stations			
			Kolaghat	Bakreswar (Unit I, II & III)	Bandel	Santalidih (Units I to IV)
1	Generation (Actual)	MU	6872.097	4913.457	2506.642	1277.233
2	Consumption of Oil	KL	15121.24	1026.461	4911.00	7592.40
3	Consumption of Coal	MT	5698658.00	319999.50	1599310.00	1049801.00
4	GCV of Oil (Actual as given)	Kcal/Lit	9216.493	9393.229	9215.725	9366.157
5	Heat value of Coal (Actual as given)	Kcal/Kg	3516.929	4505.616	4727.780	4345.703
6	Heat from Oil (2X4)	M.Kcal	139364.803	9641.783	45258.425	71111.610
7	Heat from Coal (3X5)	M.Kcal	20041775.58	14417928.40	7561185.83	4562123.36
8	Total Heat used (5+6)	M.Kcal	20181140.38	14427570.18	7606444.26	4633234.97
9	Station Heat Rate achieved (8/1)	Kcal/kWh	2936.68	2936.34	3034.52	3627.56



CHAPTER – 2 DETERMINATION OF ALLOWABLE FUEL COST

2.1 In this part of the order, the Commission takes up the determination of fuel cost allowable to WBPDCCL separately for each of its old generating stations in commercial operation using the factors FC, C_D and $\pm A$ of the formula referred to in the earlier chapter.

2.2 Factors considered in Tariff Order:

2.2.1 FC stands for fuel cost of generation as per normative parameters fixed by the Commission or on actual basis in the absence of any norm and UHV (Useful Heat Value) range as may be allowed under regulation 4.8 of the Tariff Regulations, commensurate with the actual level of energy sales by the generating company to the licensee during the adjustment period. The fuel costs allowed to WBPDCCL for its different operating generating stations were based on the following factors.

Sl. No.	Particulars	Unit	Generating stations			
			Kolaghat	Bakreswar (Unit I,II & III)	Bandel	Santaldih (Units I to IV)
(i)	Station Heat Rate (normative)	K.cal/kwh	2750.00	2590.00	3005.00	3200.00
(ii)	Rate of Oil Consumption	MI/kwh	2.15	1.70	3.15	4.00
(iii)	Calorific Value of Oil	K.cal/lit	9200.00	9475.00	9226.37	9400.00
(iv)	Average Heat value of Coal	K.cal/kg	4221.02	4703.83	4997.34	4998.88
(v)	Weighted Average Price of Oil	Rs/kl	41663.76	41629.38	41733.33	41663.69
(vi)	Weighted Average Price of Coal	Rs/MT	1674.64	1700.31	2043.11	1874.08

The first two of the above factors, i.e., the station heat rate and the rate of consumption of oil were the fuel usage norms adopted by the Commission. The weighted average calorific value of oil and the weighted average heat value of coal are the variable factors depending upon the actual mix of different grades of



fuel used in operation. The declared heat value of each grade of coal varies within a range. The weighted average heat value of coal considered at the tariff fixation level was based on the mid value of the range of each projected grade of coal and is subject to adjustments in terms of regulation 4.8.1(i) of the Tariff Regulations.

2.3 Determination of Allowable Fuel Cost:

2.3.1 On careful consideration of all the related facts and factors, the Commission worked out the amount of fuel cost that can be allowed to WBPDCCL for each of its referred generating stations in commercial operation during 2008 – 2009 as shown hereunder:

Generating station	Amount (Rs. in Lakh)	
	As claimed	As found admissible
Kolaghat	95057.49	93480.10
Bakreswar	55435.69	53934.08
Bandel	39384.34	38957.33
Santaldih	20293.03	18942.91
Total	210170.55	205314.42

The detailed computations leading to the determination of such allowable fuel cost are shown in Annexure 2A to this chapter.

2.4 Explanatory Notes to Computations:

2.4.1 Generation:

Admissible gross generation of each of the referred generating stations has been estimated considering normative auxiliary consumption commensurate with actual level of sales from each generating station to the licensee, i.e., energy injected as per schedule.



2.4.2 Auxiliary Consumption:

The quantum of auxiliary consumptions at the generating station as per the norms fixed by the Commission are as under:

Generating station	Scheduled Injection	Normative Rate (%)	Normative Auxiliary Consumption (MU)	Admissible Gross Generation
Kolaghat	6074.207	10.10	682.419	6756.626
Bakreswar	4349.492	9.00	430.170	4779.662
Bandel	2214.942	10.65	264.008	2478.950
Santaldih	1057.315	11.30	134.697	1192.012
Total	13695.956		1511.294	15207.250

2.4.3 Weighted Average GCV of Oil:

The weighted average gross calorific value of oil claimed by WBPDCL for different generating stations was as follows:

Generating station	GCV of Oil (k.cal/lit)
Kolaghat	9216.493
Bakreswar	9393.229
Bandel	9215.725
Santaldih	9366.157

WBPDCL presented the detailed computations of the weighted average calorific value of oil for each of the generating stations with reference to the month-wise supplies received. As this is a variable factor depending on the grades of oil used, the Commission has considered the same for working out the amount of allowable fuel cost.



2.4.4 Heat Value of Coal:

The weighted average heat value of coal is a variable factor depending on the actual grade mix of coal consumption. As ascertained by WBPDCCL, the weighted average heat value of coal consumed at different generating station during 2008 – 2009 came as under:

Generating station	Heat Value of Coal (k.cal/kg)
Kolaghat	3516.929
Bakreswar	4505.616
Bandel	4727.780
Santaldih	4345.703

Above heat values have been viewed with reference to the quantitative accounts of grade-wise coal consumption of the generating stations submitted by WBPDCCL and the declared heat value of different grades of coal varying within a range. The station-wise evaluation has been shown in Annexure – 2B to this chapter. The computations leading to arrival of figures are shown in the table below:

Figures in k. cal/kg

Generating station	Heat value on the basis of minimum allowable Heat Value as per Regulations	Heat value stated as actual
Kolaghat	3239.83	3516.929
Bakreswar	4473.92	4505.616
Bandel	4985.77	4727.780
Santaldih	4406.83	4345.703

It is observed from the above comparative statement that the actual heat value of coal used by WBPDCCL at its generating stations came higher than the minimum allowable heat value that can be allowed in terms of the Tariff Regulations except



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at Bandel and Santaldih where difference is marginal. In view of the compensations realized from the coal suppliers for the grade slippage, the Commission considers to allow the actual heat value for those generating stations also for arriving at the amount of allowable fuel cost. As we get from the audited submissions made by WBPDCCL, grade slippages and under weight in coal supply had been compensated by the coal suppliers by issuing Credit Notes for the respective generating stations, as shown hereunder:

Rs. in Lakh

Generating stations	Amount of Credit Notes
Kolaghat	3946.31
Bakreswar	5900.02
Bandel	1537.76
Santaldih	528.42
Total	11912.51

Such Credit Notes from the coal suppliers had been considered by WBPDCCL while arriving at the weighted average price of coal at the generating stations.

2.4.5 Permitted Transit Loss of Coal:

Transit and other losses of coal allowable to WBPDCCL in terms of norms specified in Part F of Schedule 9A to the Tariff Regulations, are as under and the same are allowed:

Generating Stations	Percentage of permissible transit loss
Kolaghat	1.5
Bakreswar	1.25
Bandel	1.5
Santaldih	1.5



2.4.6 Average Price of Oil and Coal:

The weighted average price of Oil (Rs/KL) and weighted average price of Coal (Rs/MT) as per the audited accounts for the year 2008 – 2009 came as under:

Generating station	Average price of Oil (Rs/KL)	Average price of Coal (Rs/MT)
Kolaghat	39660.72	1647.29
Bakreswar (Old Units)	42252.39	1826.33
Bandel	38135.59	2271.18
Santaldih (Old Units)	38195.66	1944.14

The above rates were inclusive of freight / transportation charges after adjustments of the Credit Notes from the suppliers as referred to in the earlier paragraph.

2.5 C_D: Cost Disallowable:

2.5.1 C_D stands for cost as to be found disallowable by the Commission as having been incurred in breach of economic generation or of order / direction of the Commission, if any, or for any other reason considered sufficient by the Commission during the adjustment period and adjusted corresponding to actual level of sales. As can be seen in the paragraph 1.8, the actual quanta of auxiliary consumption in Kolaghat, Bakreswar and Santaldih generating stations exceeded the normative quantum, whereas in Bandel generating station auxiliary consumption is less than the normative quantum. Since the fuel cost is allowed as per normative auxiliary consumption and other parameters, no further cost disallowance is required on this score.

2.6 Adjustment Relating to Earlier Periods:

2.6.1 Factor notation 'A' stands for adjustments relating to earlier period. No adjustment relating to earlier period was claimed by WBPDCCL and no such adjustment is found necessary.



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2.7 As referred to in paragraph 1.9, WBPDCCL is to share of gains derived by it in monetary terms in respect of economy in the use of oil at Bakreswar and Bandel generating stations as also improvement in auxiliary consumption at Bandel generating station. The share of gains attributable to West Bengal State Electricity Distribution Company Limited (in short "WBSEDCL"), the lone energy recipient, works out as under:

Sl. No.	Particulars	Unit	Bakreswar	Bandel
1	Oil allowed in fuel cost (vide item No. 8 in Annexure 2A)	KL	8125.425	7808.693
2	Actual quanta of Oil used on admitted energy	KL	1003.729	4858.742
3	Savings in use of Oil (1-2)	KL	7121.696	2949.951
4	Price of Oil (vide item 15 in Annexure – 2A)	Rs/Lakh	42252.39	38135.59
5	Total Gains	Rs/Lakh	3009.09	1124.98
6	Category of generating station for gain sharing in terms of Section A of Schedule 9B to the Tariff Regulations	-	B	C
7	Share attributable to WBSEDCL	%	23	30
8	Share of WBSEDCL	Rs/Lakh	692.091	337.494

2.8 As referred to in paragraph 1.9, WBPDCCL is to share gains derived by it in monetary terms in respect of economy in auxiliary consumption at Bandel generating station. The share of gains attributable to WBSEDCL, the lone energy recipient, works out as under:

Sl. No.	Particulars	Unit	Bandel
1	Auxiliary consumption allowed	MU	264.008
2	Actual rate of auxiliary consumption	%	10.08
3	Actual auxiliary consumption on admitted generation	MU	248.294
4	Savings in auxiliary consumption	MU	15.714



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5	Rate of admitted fuel cost	Paise/kwh	157.15
6	Value of savings in auxiliary consumption	Rs. in Lakh	246.946
7	Category	-	C
8	Percentage of share attributable to WBSEDCL	%	40
9	Share attributable to WBSEDCL	Rs. in Lakh	98.78

2.9 Summing up the findings as explained in the earlier paragraphs, the amounts of admissible fuel cost for different generating station of WBPDCCL for the year 2008 – 2009 come as under:

Particulars	Unit	Kolaghat	Bakreswar	Bandel	Santaldih	Overall
Total admissible fuel cost as per norms	Rs. in Lakh	93480.10	53934.08	38957.33	18942.91	205314.42
Less: Gain sharing for better oil consumption	Rs. in Lakh	0.00	692.09	337.49	0.00	1029.58
Less: Gain sharing for better auxiliary consumption	Rs. in Lakh	0.00	0.00	98.78	0.00	98.78
Fuel cost admitted	Rs. in Lakh	93480.10	53241.99	38521.06	18942.91	204186.06

**ANNEXURE - 2A**

SI No	Particulars	Unit	Stations				Overall
			Kolaghat	Bakreswar	Bandel	Santaldih	
1	Energy sold to licensee from the generating station (Scheduled injection)	MU	6074.207	4349.492	2214.942	1057.315	13695.956
2	Rate of Auxiliary Consumption (normative)	%	10.00%	9.00%	10.65%	11.30%	-
3	Auxiliary consumption (normative)	MU	682.419	430.170	264.008	134.697	1511.294
4	Admissible Gross Generation (1+3)	MU	6756.626	4779.662	2478.950	1192.012	15207.250
5	Station Heat Rate (Normative)	Kcal/kWh	2750.00	2590.00	3005.00	3200.00	-
6	Total Heat Required (4x5)	M.Kcal	18580721.500	12379324.580	7449244.750	3814438.400	-
7	Specific Oil consumption (Normative)	ml/kWh	2.15	1.70	3.15	4.00	-
8	Oil consumption (1x4)	KL	14526.746	8125.425	7808.693	4768.048	35228.912
9	Average GCV of Oil (Actual)	K.cal/lit	9216.493	9393.229	9215.725	9366.157	-
10	Heat from oil (8x9)/1000	M.Kcal	133885.652	76323.982	71962.763	44658.286	-
11	Heat from coal (6-10)	M.Kcal	18446835.848	12303000.598	7377281.987	3769780.114	-
12	Heat value of coal	K.cal/Kg	3516.929	4505.616	4727.780	4345.703	-
13	Coal consumption (11/12) x1000	MT	5245154.465	2730592.354	1560411.438	867473.022	10403631.279
14	Coal requirement with permissible transit loss (1.5%)	MT	5325029.914	2765156.814	1584174.049	880683.271	10555044.048
15	Average price of oil	Rs/KL	39660.72	42252.39	38135.59	38195.66	-
16	Average price of coal	Rs/MT	1647.29	1826.33	2271.18	1944.14	-
17	Cost of oil (8x15)/100000	Rs lakh	5761.41	3433.19	2977.89	1821.19	13993.68
18	Cost of coal (14x16)/100000	Rs lakh	87718.69	50500.89	35979.44	17121.72	191320.74
19	Cost of Fuel (17+18)	Rs lakh	93480.10	53934.08	38957.33	18942.91	205314.42
20	Average Fuel Cost per unit of Generation (19/4)	Paise/kwh	138.35	112.84	157.15	158.92	135.01



Annexure – 2B

COMPUTATION OF HEAT VALUE OF COAL BASED ON MINIMUM OF DECLARED HEAT VALUE							
GRADE OF COAL	% OF USE	DECLARED MINIMUM UHV (K.CAL/KG)	DIFFERENCE OF MAXIMUM & MINIMUM	MULTIPLICATION FACTOR	VALUE TO BE ADDED TO MINIMUM	MINIMUM AVERAGE VALUE ALLOWABLE (K.CAL/KG)	PRODUCT (K.CAL/KG) (2)X(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
KOLAGHAT							
A	1.54	6201.00	0.00	0.05	0.00	6201.00	9549.54
B	9.68	5601.00	300.00	0.05	15.00	5616.00	54362.88
C	5.21	4941.00	330.00	0.05	16.50	4957.50	25828.58
D	6.77	4201.00	370.00	0.05	18.50	4219.50	28566.02
E	9.50	3361.00	420.00	0.05	21.00	3382.00	32129.00
F	53.60	2401.00	480.00	0.05	24.00	2425.00	129980.00
G	6.93	1851.00	138.00	0.05	6.90	1857.90	12875.25
WIII	3.77	4838.00	0.00	0.05	0.00	4838.00	18239.26
WIV	2.99	4146.00	0.00	0.05	0.00	4146.00	12396.54
WII	0.01	5544.68	0.00	0.05	0.00	5544.68	55.45
TOTAL	100.00						323982.50
Minimum allowable					0.00		3239.83
Actual							3516.929
Allowed							3516.929
BAKRESWAR							
A	2.49	6201.00	0.00	0.05	0.00	6201.00	15440.49
B	26.28	5601.00	300.00	0.05	15.00	5616.00	147588.48
C	17.53	4941.00	330.00	0.05	16.50	4957.50	86904.98
D	35.22	4201.00	370.00	0.05	18.50	4219.50	148610.79
E	5.53	3361.00	420.00	0.05	21.00	3382.00	18702.46
F	10.73	2401.00	480.00	0.05	24.00	2425.00	26020.25
G	2.22	1851.00	138.00	0.05	6.90	1857.90	4124.54
TOTAL	100.00				101.90		447391.98
Minimum allowable							4473.92
Actual							4505.616
Allowed							4505.616
BANDEL							
A	7.24	6201.00	0.00	0.05	0.00	6201.00	44895.24
B	45.83	5601.00	300.00	0.05	15.00	5616.00	257381.28
C	23.22	4941.00	330.00	0.05	16.50	4957.50	115113.15
D	14.19	4201.00	370.00	0.05	18.50	4219.50	59874.71
E	1.43	3361.00	420.00	0.05	21.00	3382.00	4836.26
F	2.55	2401.00	480.00	0.05	24.00	2425.00	6183.75
G	4.16	1851.00	138.00	0.05	6.90	1857.90	7728.86
Ungraded	1.38	1851.00	138.00	0.05	6.90	1857.90	2563.90
TOTAL	100.00						498577.15
Minimum allowable							4985.77
Actual							4727.780
Allowed							4727.780



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SANTALDIH							
A	0.00	6201.00	0.00	0.05	0.00	6201.00	0.00
B	28.51	5601.00	300.00	0.05	15.00	5616.00	160112.16
C	7.83	4941.00	330.00	0.05	16.50	4957.50	38817.225
D	4.78	4201.00	370.00	0.05	18.50	4219.50	20169.21
E	11.04	3361.00	420.00	0.05	21.00	3382.00	37337.28
F	15.05	2401.00	480.00	0.05	24.00	2425.00	36496.25
WIII	26.15	4838.00	0.00	0.05	0.00	4838.00	126513.70
WIV	3.89	4146.00	0.00	0.05	0.00	4146.00	16127.94
Ungraded	2.75	1851.00	138.00	0.05	6.90	1857.90	5109.23
Total	100.00				101.90		440683.00
Minimum allowable					1.02		4406.83
Actual							4345.703
Allowed							4345.703



CHAPTER – 3 ORDER

- 3.1 As per the findings narrated in the preceding chapter, WBPDCCL is entitled to an additional recovery of Rs. 25201.99 lakh in respect of Kolaghat, Bakreswar, Bandel and Santaldih thermal power stations towards Fuel Cost Adjustments (FCA) for the year 2008 – 2009 from its energy recipient i.e., WBSEDCL as per the details given below:

Generating Station	Amount of fuel cost recovered during 2008 - 2009	Amount of fuel cost admitted in FPPCA for 2008 – 2009	Balance amount recoverable for 2008 - 2009
Kolaghat	80355.68	93480.10	13124.42
Bakreswar (Units I, II & III)	48414.20	53241.99	4827.79
Bandel	33879.75	38521.06	4641.31
Santaldih (Units I to IV)	16334.44	18942.91	2608.47
Total	178984.07	204186.06	25201.99

- 3.2 In accordance with the provisions of regulation 2.8.7.1 of the Tariff Regulations, the Commission decides to allow WBPDCCL to recover the aforesaid amounts from its energy recipient i.e., WBSEDCL in ten equal monthly instalments starting from the billing month of June, 2010.
- 3.3 WBPDCCL is directed to take note of this order of the Commission.

Sd/- 01.06.2010
(R. P. SAMADDAR)
MEMBER

Sd/- 01.06.2010
(PURNENDU GUPTA)
MEMBER

Sd/- 01.06.2010
(PRASADRANJAN RAY)
CHAIRPERSON

DATE: 01.06.2010