



THE WEST BENGAL POWER DEVELOPMENT CORPORATION LIMITED
(A Government of West Bengal Enterprise)

: Registered & Corporate Office :

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WBPDC

Notification No. : WBPDC/MFCA/17-18/01

Dated: 15th May, 2017

NOTICE REGARDING MONTHLY FUEL COST ADJUSTMENT (MFCA)

Consequent upon rise in Washery grade Coal price, Clean Energy Cess on Coal and Railway Freight, Monthly Fuel Cost Adjustment (MFCA), Power Station Wise, in accordance with the Fuel Surcharge Formula contained in West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011 as amended, for **April, 2017** works out to :

Srl. No.	Power Station	Paise per kWh
1.	Kolaghat	80
2.	Bakreswar	51
3.	Bandel	33
4.	Santaldih	50
5.	Sagardighi	37

Recovery of MFCA will accordingly be effected for **April, 2017** from the purchaser of electricity from WBPDC under the purview of Hon'ble West Bengal Electricity Regulatory Commission.

Annual reconciliation of MFCA will be carried out in accordance with the above Regulations.

This notice may be read with the Notice Ref. No. WBPDC/MFCA/11 dt 14.05.2011 issued with the approval of the Hon'ble Electricity Regulatory Commission and published on 14.05.2011 in accordance with the above Regulations.

15th May, 2017
Kolkata

(Amit Bhattacharyya)
Director (Regulatory Affairs)

Bandel Thermal Power Station
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Fax : 2684 6151

Santaldih Thermal Power Station
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Fax : 260217, PBX: 260197

Kolaghat Thermal Power Station
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Bakreswar Thermal Power Project
GM-(03462)220 201
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Sagardighi Thermal Power Station
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THE WEST BENGAL POWER DEVELOPMENT CORPORATION LTD.

Monthly Fuel Cost Adjustment for the month of April-17

Sl. No.	Particulars	Unit	KTPS	BKTPP (I to V))	BTPS	SANTALDIH (V & VI)	SAGARDIGHI	Overall
			Amount/Qty.	Amount/Qty.	Amount/Qty.	Amount/Qty.	Amount/Qty.	
1	Normative Gross Generation	MU	352.984	635.771	187.060	329.227	360.044	1865.087
2	Auxiliary Consumption							
	(i) Auxiliary Consumption Rate	%	9.60%	9.00%	9.70%	9.00%	9.00%	9.18%
	(ii) Auxiliary Consumption	MU	33.89	57.22	18.14	29.63	32.40	171.285
3	Scheduled Injection	MU	319.09766	578.55196	168.91536	299.59664	327.63996	1693.802
4	Recommended Station Heat Rate	KCAL/KWH	2700	2470	2725	2425	2345	2507.03
5	Total Heat Required	MKCAL	953057	1570355	509739	798375.66	844303	4675830
6	Oil Consumption							
	(i) Specific Oil Consumption	ml/kwh	2.000	1.300	2.150	1.000	1.000	1.41
	(ii) Total Oil Consumption	KL	705.968	826.503	402.179	329.227	360.044	2623.921
7	Weighted Average GCV of Oil	KCAL/LTR	9529.66	9423.42	9449.92	9560.72	9501.73	9484.0
8	Heat Generated from Oil	MKCAL	6727.64	7788.48	3800.56	3147.65	3421.04	24885.372
9	Average price of Oil	Rs./KL	39239.08	40781.08	39427.15	46391.53	40300.51	40796.69
10	Cost of Oil	Rs.	27701545.24	33705675.61	15856788.74	15273346.56	14509953.98	107047310
11	Heat Generated from Coal	MKCAL	946329.54	1562566.84	505938.46	795228.01	840881.92	4650945
12	Heat Value of Coal	KCAL/KG	3749.67	4112.99	4941.36	3874.58	5180.52	4219.56
13	Coal Consumption							
	(i) Coal required	MT	252376.56	379910.17	102388.56	205242.30	162315.98	1102234
	(ii) Transit Loss	%	0.80%	0.50%	0.80%	0.80%	0.80%	0.70%
	(iii) Add: Transit Loss (Normative)	MT	2035.29	1909.10	825.71	1655.18	1309.00	7734.29
	(iv) Total Coal required (Normative)	MT	254411.86	381819.27	103214.28	206897.48	163624.98	1109967.87
	(v) Coal Rate	Kg/kwh	0.721	0.601	0.552	0.628	0.454	0.595
14	Average price of Coal	Rs./MT	3978.07	3967.07	4823.43	3798.29	5014.95	4172.234
15	Cost of Coal	Rs.	1012068367	1514702824	497846959	785856753	820570869	4631045773
16	Total Fuel Cost Allowable	Rs.	1039769913	1548408499	513703748	801130100	835080823	4738093083
17	Fuel cost / unit sent out	Rs./Kwh	3.2585	2.6764	3.0412	2.6740	2.5488	2.7973
18	Fuel cost allowed	Rs./Kwh	2.4547	2.1633	2.7027	2.1705	2.1723	2.2750
19	Fuel Surcharge required (Normative Fuel Cost - Fuel Cost allowed)	Rs./Kwh	0.804	0.513	0.338	0.504	0.376	0.522

Note: (i) The above computation of Coal Cost is based on purchase of Coal during Mar-17 in terms of Regulation 5.8.15 of Tariff Regulations.

(ii) The average price of oil is based on weighted average price of oil (opening Stock+Oil received during the period).