



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/17-18/02

Dated: 13th June, 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 May, 2017 works out to :

Srl. No.	Power Station	Paise per kWh
1.	Kolaghat	77
2.	Bakreswar	47
3.	Bandel	35
4.	Santaldih	43
5.	Sagardighi	41

Recovery of MFCA will accordingly be effected for **May, 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.

13th June, 2017
Kolkata

(Amit Bhattacharya)
Director (Regulatory Affairs)

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Fax : 2684 6151

Santaldih Thermal Power Station
GM-(03251)260 227/250
E-mail : gmstps@wbpdcl.co.in
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 May-17

Sl. No.	Particulars	Unit	KTPS	BKTPP (I to V))	BTPS	SANTALDIH (V & VI)	SAGARDIGHI-I	Overall
			Amount/Qty.	Amount/Qty.	Amount/Qty.	Amount/Qty.	Amount/Qty.	
1	Normative Gross Generation	MU	386.230	681.276	189.944	324.720	260.216	1842.385
2	Auxiliary Consumption							
	(i) Auxiliary Consumption Rate	%	9.60%	9.00%	9.70%	9.00%	9.00%	9.20%
	(ii) Auxiliary Consumption	MU	37.08	61.31	18.42	29.22	23.42	169.462
3	Scheduled Injection	MU	349.15204	619.96079	171.51964	295.49500	236.79629	1672.923740
4	Recommended Station Heat Rate	KCAL/KWH	2700	2470	2725	2425	2345	2518.92
5	Total Heat Required	MKCAL	1042821	1682751	517598	787445.46	610206	4640821.337
6	Oil Consumption							
	(i) Specific Oil Consumption	ml/kwh	2.000	1.300	2.150	1.000	1.000	1.44
	(ii) Total Oil Consumption	KL	772.460	885.658	408.380	324.720	260.216	2651.434
7	Weighted Average GCV of Oil	KCAL/LTR	9216.86	9317.87	9275.00	9557.56	9337.32	9313.1
8	Heat Generated from Oil	MKCAL	7119.66	8252.45	3787.73	3103.53	2429.72	24693.075
9	Average price of Oil	Rs./KL	42087.27	42579.14	44201.16	48307.36	43567.09	43484.16
10	Cost of Oil	Rs.	32510742.99	37710569.58	18050873.62	15686353.88	11336839.92	115295379.998
11	Heat Generated from Coal	MKCAL	1035701.69	1674498.26	513810.29	784341.93	607776.09	4616128.263
12	Heat Value of Coal	KCAL/KG	3838.97	4675.30	4297.07	3865.12	4826.71	4288.63
13	Coal Consumption							
	(i) Coal required	MT	269786.62	358158.50	119572.23	202927.98	125919.21	1076364.548
	(ii) Transit Loss	%	0.80%	0.50%	0.80%	0.80%	0.80%	0.71%
	(iii) Add: Transit Loss (Normative)	MT	2175.70	1799.79	964.29	1636.52	1015.48	7591.776
	(iv) Total Coal required (Normative)	MT	271962.32	359958.30	120536.52	204564.50	126934.69	1083956.324
	(v) Coal Rate	Kg/kwh	0.704	0.528	0.635	0.630	0.488	0.588
14	Average price of Coal	Rs./MT	4026.20	4432.67	4199.65	3688.24	4727.55	4198.819
15	Cost of Coal	Rs.	1094975495	1595576110	506211555	754483837	600089456	4551336453.454
16	Total Fuel Cost Allowable	Rs.	1127486238	1633286680	524262429	770170191	611426296	4666631833.452
17	Fuel cost / unit sent out	Rs./Kwh	3.2292	2.6345	3.0566	2.6064	2.5821	2.7895
18	Fuel cost allowed	Rs./Kwh	2.4547	2.1633	2.7027	2.1705	2.1723	2.2820
19	Fuel Surcharge required (Normative Fuel Cost - Fuel Cost allowed)	Rs./Kwh	0.775	0.471	0.354	0.436	0.410	0.508

Note: (i)The above computation of Coal Cost is based on purchase of Coal during Mar-17 and April-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).