



**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/17-18/04

Dated: 11<sup>th</sup> August, 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 **July, 2017** works out to :

Srl. No.	Power Station	Paise per kWh
1.	Kolaghat	72
2.	Bakreswar	48
3.	Bandel	39
4.	Santaldih	43
5.	Sagardighi-I	35
6.	Sagardighi-II	14

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

11<sup>th</sup> August, 2017  
Kolkata

(Amit Bhattacharyya)  
**Director (Regulatory Affairs)**

**Bandel Thermal Power Station**  
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**Kolaghat Thermal Power Station**  
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**Bakreswar Thermal Power Project**  
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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 July-17**

Sl. No.	Particulars	Unit	KTPS	BkTPP (I to V))	BTPS	SANTALDIH (V & VI)	SAGARDIGH-I	SAGARDIGH-II	Overall
			Amount/Qty.	Amount/Qty.	Amount/Qty.	Amount/Qty.	Amount/Qty.	Amount/Qty.	Amount/Qty.
1	<b>Normative Gross Generation</b>	MU	393.696	580.315	144.523	171.271	361.366	231.715	1882.886
2	<b>Auxiliary Consumption</b>								
	(i) Auxiliary Consumption Rate	%	9.60%	9.00%	9.70%	9.00%	9.00%	5.25%	8.72%
	(ii) Auxiliary Consumption	MU	37.79	52.23	14.02	15.41	32.52	12.17	164.14
3	<b>Scheduled Injection</b>	MU	<b>355.90090</b>	<b>528.08681</b>	<b>130.50439</b>	<b>155.85698</b>	<b>328.84298</b>	<b>219.54972</b>	<b>1718.742</b>
4	<b>Recommended Station Heat Rate</b>	KCAL/KWH	2700	2470	2725	2425	2345	2322	<b>2491.37</b>
5	Total Heat Required	MKCAL	1062978	1433378	393826	415333.15	847403	538042	4690960
6	<b>Oil Consumption</b>								
	(i) Specific Oil Consumption	ml/kwh	2.000	1.300	2.150	1.000	1.000	1.000	<b>1.39</b>
	(ii) Total Oil Consumption	KL	787.391	754.410	310.725	171.271	361.366	231.715	2616.88
7	<b>Weighted Average GCV of Oil</b>	KCAL/LTR	<b>9216.86</b>	<b>9317.87</b>	<b>9275.00</b>	<b>9557.56</b>	<b>9337.32</b>	<b>9337.32</b>	<b>9302.5</b>
8	Heat Generated from Oil	MKCAL	7257.27	7029.49	2881.97	1636.94	3374.19	2163.59	24343
9	<b>Average price of Oil</b>	Rs./KL	<b>42087.27</b>	<b>42579.14</b>	<b>44348.93</b>	<b>48307.36</b>	<b>43412.48</b>	<b>43412.48</b>	<b>43205.06</b>
10	Cost of Oil	Rs.	33139152.49	32122119.64	13780309.93	8273668.63	15687791.29	10059312.17	113062354
11	Heat Generated from Coal	MKCAL	1055721.06	1426349.00	390943.55	413696.22	844028.86	535878.03	4666617
12	<b>Heat Value of Coal</b>	KCAL/KG	<b>3686.44</b>	<b>4522.96</b>	<b>4260.23</b>	<b>3781.53</b>	<b>4964.00</b>	<b>4964.00</b>	<b>4317.41</b>
13	<b>Coal Consumption</b>								
	(i) Coal required	MT	286379.62	315357.13	91765.94	109399.19	170029.88	107952.80	1080885
	(ii) Transit Loss	%	0.80%	0.50%	0.80%	0.80%	0.80%	0.80%	0.72%
	(iii) Add: Transit Loss (Normative)	MT	2309.51	1584.71	740.05	882.25	1371.21	870.59	7758
	(iv) Total Coal required (Normative)	MT	288689.13	316941.84	92505.98	110281.45	171401.09	108823.39	1088643
	(v) Coal Rate	Kg/kwh	0.733	0.546	0.640	0.644	0.474	0.470	0.578
14	<b>Average price of Coal</b>	Rs./MT	<b>3800.81</b>	<b>4304.21</b>	<b>4219.01</b>	<b>3606.26</b>	<b>4752.47</b>	<b>4752.47</b>	<b>4208.158</b>
15	Cost of Coal	Rs.	1097251981	1364182668	390284035	397704084	814578758	517180015	4581181541
16	Total Fuel Cost Allowable	Rs.	1130391133	1396304788	404064345	405977753	830266549	527239327	4694243895
17	<b>Fuel cost / unit sent out</b>	<b>Rs./Kwh</b>	<b>3.1761</b>	<b>2.6441</b>	<b>3.0962</b>	<b>2.6048</b>	<b>2.5248</b>	<b>2.4015</b>	<b>2.7312</b>
18	<b>Fuel cost allowed</b>	<b>Rs./Kwh</b>	<b>2.4547</b>	<b>2.1633</b>	<b>2.7027</b>	<b>2.1705</b>	<b>2.1723</b>	<b>2.2533</b>	<b>2.2785</b>
19	Fuel Surcharge required (Normative Fuel Cost - Fuel Cost allowed)	Rs./Kwh	<b>0.721</b>	<b>0.481</b>	<b>0.393</b>	<b>0.434</b>	<b>0.353</b>	<b>0.148</b>	<b>0.453</b>

**Note:**

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