



# THE WEST BENGAL POWER DEVELOPMENT CORPORATION LIMITED

(A Government of West Bengal Enterprise)

Corporate Identity No. : U40104WB1985SGC039154

**: Registered & Corporate Office :**

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**WBPDC**

**Notification No. : WBPDC/MFCA/17-18/05**

**Dated: 13<sup>th</sup> September, 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 **August, 2017** works out to :

Srl. No.	Power Station	Paise per kWh
1.	Kolaghat	73
2.	Bakreswar	50
3.	Bandel	41
4.	Santaldih	43
5.	Sagardighi-I	34
6.	Sagardighi-II	13

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

**13<sup>th</sup> September, 2017**  
**Kolkata**

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

**THE WEST BENGAL POWER DEVELOPMENT CORPORATION LTD.**

**Monthly Fuel Cost Adjustment for the month of August-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	347.421	645.255	156.401	180.425	173.764	390.036	1893.303
2	<b>Auxiliary Consumption</b>								
(i)	Auxiliary Consumption Rate	%	9.60%	9.00%	9.70%	9.00%	9.00%	5.25%	8.40%
(ii)	Auxiliary Consumption	MU	33.35	58.07	15.17	16.24	15.64	20.48	158.95
3	<b>Scheduled Injection</b>	MU	<b>314.06875</b>	<b>587.18174</b>	<b>141.23044</b>	<b>164.18688</b>	<b>158.12534</b>	<b>369.55943</b>	<b>1734.353</b>
4	<b>Recommended Station Heat Rate</b>	KCAL/KWH	2700	2470	2725	2425	2345	2322	<b>2487.02</b>
5	Total Heat Required	MKCAL	938037	1593779	426194	437530.98	407477	905664	4708682
6	<b>Oil Consumption</b>								
(i)	Specific Oil Consumption	ml/kwh	2.000	1.300	2.150	1.000	1.000	1.000	<b>1.38</b>
(ii)	Total Oil Consumption	KL	694.842	838.831	336.263	180.425	173.764	390.036	2614.16
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>9306.2</b>
8	Heat Generated from Oil	MKCAL	6404.26	7816.12	3118.84	1724.42	1622.49	3641.89	24328
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>43251.13</b>
10	Cost of Oil	Rs.	29244018.24	35716707.01	14912903.00	8715861.69	7543531.62	16932445.99	113065468
11	Heat Generated from Coal	MKCAL	931632.94	1585962.88	423074.90	435806.55	405854.35	902022.49	4684354
12	<b>Heat Value of Coal</b>	KCAL/KG	<b>3591.08</b>	<b>4484.27</b>	<b>4176.64</b>	<b>3783.81</b>	<b>4912.38</b>	<b>4912.38</b>	<b>4274.77</b>
13	<b>Coal Consumption</b>								
(i)	Coal required	MT	259429.82	353672.17	101295.50	115176.77	82618.61	183622.14	1095815
(ii)	Transit Loss	%	0.80%	0.50%	0.80%	0.80%	0.80%	0.80%	0.71%
(iii)	Add: Transit Loss (Normative)	MT	2092.18	1777.25	816.90	928.84	666.28	1480.82	7762
(iv)	Total Coal required (Normative)	MT	261521.99	355449.42	102112.40	116105.62	83284.89	185102.97	1103577
(v)	Coal Rate	Kg/kwh	0.753	0.551	0.653	0.644	0.479	0.475	0.583
14	<b>Average price of Coal</b>	Rs./MT	<b>3718.27</b>	<b>4301.26</b>	<b>4165.63</b>	<b>3613.07</b>	<b>4679.42</b>	<b>4679.42</b>	<b>4170.119</b>
15	Cost of Coal	Rs.	972408863	1528879094	425362155	419497712	389725394	866175429	4602048648
16	Total Fuel Cost Allowable	Rs.	1001652881	1564595801	440275058	428213574	397268926	883107875	4715114116
17	<b>Fuel cost / unit sent out</b>	<b>Rs./Kwh</b>	<b>3.1893</b>	<b>2.6646</b>	<b>3.1174</b>	<b>2.6081</b>	<b>2.5124</b>	<b>2.3896</b>	<b>2.7187</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>2.2807</b>
19	Fuel Surcharge required (Normative Fuel Cost - Fuel Cost allowed)	Rs./Kwh	0.735	0.501	0.415	0.438	0.340	0.136	0.438

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