



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

: Registered & Corporate Office :

'Bidyut Unnayan Bhaban', No. 3/C, LA-Block, Sector-III, Salt Lake, Kolkata - 700 098

• Phone : (033) 2335-0571/2339-3100 • Fax : (033) 2339-3186/2339-3286 • Website : www.wbpdcl.co.in

**WBPDC**

Notification No. : WBPDC/MFCA/16-17/08

Dated: 14<sup>th</sup> February, 2017

**NOTICE REGARDING MONTHLY FUEL COST ADJUSTMENT (MFCA)**

Consequent upon rise in 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 **January, 2017** works out to :

Srl. No.	Power Station	Paise per kWh
1.	Kolaghat	66
2.	Bakreswar	43
3.	Bandel	42
4.	Santaldih	05
5.	Sagardighi	42

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

14<sup>th</sup> February, 2017  
Kolkata

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

**Bandel Thermal Power Station**  
GM-(033)2684 6369  
E-mail : gmbtps@wbpdcl.co.in  
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**  
GM-(03228)231110  
E-mail : gmktps@wbpdcl.co.in  
Fax : 231280

**Bakreswar Thermal Power Project**  
GM-(03462)220 201  
E-mail : gmbktpp@wbpdcl.co.in  
Fax : 220214, 220 346

**Sagardighi Thermal Power Station**  
GM-(03483) 237 009 E-mail : gmsgtpp@wbpdcl.co.in  
Fax : 2684 6151

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

**Monthly Fuel Cost Adjustment for the month of January-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	<b>Normative Gross Generation</b>	MU	428.340	469.688	124.971	348.046	320.332	1691.377
2	<b>Auxiliary Consumption</b>							
	(i) Auxiliary Consumption Rate	%	9.60%	9.00%	9.70%	9.00%	9.00%	9.20%
	(ii) Auxiliary Consumption	MU	41.12	42.27	12.12	31.32	28.83	155.669
3	<b>Scheduled Injection</b>	MU	<b>387.219</b>	<b>427.416</b>	<b>112.849</b>	<b>316.722</b>	<b>291.502</b>	1535.708
4	<b>Recommended Station Heat Rate</b>	KCAL/KWH	2700	2470	2725	2425	2345	<b>2514.15</b>
5	Total Heat Required	MKCAL	1156518	1160129	340546	844012	751178	4252383
6	<b>Oil Consumption</b>							
	(i) Specific Oil Consumption	ml/kwh	2.000	1.300	2.150	1.000	1.000	<b>1.42</b>
	(ii) Total Oil Consumption	KL	856.680	610.594	268.688	348.046	320.332	2404.340
7	<b>Weighted Average GCV of Oil</b>	KCAL/LTR	<b>9529.66</b>	<b>9423.42</b>	<b>9449.92</b>	<b>9560.72</b>	<b>9501.73</b>	<b>9494.54</b>
8	Heat Generated from Oil	MKCAL	8163.87	5753.88	2539.08	3327.57	3043.71	22828.11
9	<b>Average price of Oil</b>	Rs./KL	<b>38879.25</b>	<b>40630.59</b>	<b>37070.61</b>	<b>50660.42</b>	<b>44289.84</b>	<b>41548.16</b>
10	Cost of Oil	Rs.	33307068.35	24808792.35	9960426.52	17632161.78	14187446.02	99895895.02
11	Heat Generated from Coal	MKCAL	1148354.01	1154374.67	338007.33	840684.17	748134.51	4229554.69
12	<b>Heat Value of Coal</b>	KCAL/KG	<b>3129.11</b>	<b>3675.83</b>	<b>4450.01</b>	<b>3614.35</b>	<b>4143.06</b>	<b>3614.50</b>
13	<b>Coal Consumption</b>							
	(i) Coal required	MT	366990.61	314044.45	75956.56	232596.37	180575.53	1170163.517
	(ii) Transit Loss	%	0.80%	0.50%	0.80%	0.80%	0.80%	0.72%
	(iii) Add: Transit Loss (Normative)	MT	2959.60	1578.11	612.55	1875.78	1456.25	8482.299
	(iv) Total Coal required (Normative)	MT	369950.21	315622.57	76569.11	234472.14	182031.79	1178645.816
	(v) Coal Rate	Kg/kwh	0.864	0.672	0.613	0.674	0.568	0.697
14	<b>Average price of Coal</b>	Rs./MT	<b>3174.57</b>	<b>3442.71</b>	<b>4474.83</b>	<b>2936.84</b>	<b>4086.38</b>	<b>3424.372</b>
15	Cost of Coal	Rs.	1174434654	1086595995	342633444	688606367	743851519	4036121978.715
16	Total Fuel Cost Allowable	Rs.	1207741723	1111404787	352593870	706238529	758038965	4136017873.740
17	<b>Fuel cost / unit sent out</b>	<b>Rs./Kwh</b>	<b>3.1190</b>	<b>2.6003</b>	<b>3.1245</b>	<b>2.2298</b>	<b>2.6005</b>	<b>2.6932</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>2.2796</b>
19	Fuel Surcharge required (Normative Fuel Cost - Fuel Cost allowed)	Rs./Kwh	<b>0.664</b>	<b>0.437</b>	<b>0.422</b>	<b>0.059</b>	<b>0.428</b>	<b>0.414</b>

**Note:** (i) The above computation of Coal Cost is based on purchase prices of coal, during the April, 2016 to December, 2016 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).