



**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/16-17/09

Dated: 14<sup>th</sup> March, 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 **February, 2017** works out to :

Srl. No.	Power Station	Paise per kWh
1.	Kolaghat	58
2.	Bakreswar	44
3.	Bandel	41
4.	Santaldih	06
5.	Sagardighi	42

Recovery of MFCA will accordingly be effected for **February, 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> March, 2017  
Kolkata

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

**Bandel Thermal Power Station**  
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E-mail : gmbtps@wbpdcl.co.in  
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**Santaldih Thermal Power Station**  
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**Kolaghat Thermal Power Station**  
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E-mail : gmktps@wbpdcl.co.in  
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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 February-17**

Sl. No.	Particulars	Unit	KTPS	BKTPP	BTPS	SANTALDIH	SAGARDIGHI (Stage-I)	Overall
			Amount/Qty.	Amount/Qty.	Amount/Qty.	Amount/Qty.	Amount/Qty.	Amount/Qty.
1	<b>Normative Gross Generation</b>	MU	463.238	567.205	187.996	331.151	222.088	1771.678
2	<b>Auxiliary Consumption</b>							
	(i) Auxiliary Consumption Rate	%	9.60%	9.00%	9.70%	9.00%	9.00%	9.23%
	(ii) Auxiliary Consumption	MU	44.47	51.05	18.24	29.80	19.99	163.55
3	<b>Scheduled Injection</b>	MU	<b>418.76709</b>	<b>516.15680</b>	<b>169.76064</b>	<b>301.34751</b>	<b>202.09979</b>	1608.132
4	<b>Recommended Station Heat Rate</b>	KCAL/KWH	2700	2470	2725	2425	2345	<b>2533.12</b>
5	Total Heat Required	MKCAL	1250742	1400997	512290	803041.44	520796	4487866
6	<b>Oil Consumption</b>							
	(i) Specific Oil Consumption	ml/kwh	2.000	1.300	2.150	1.000	1.000	<b>1.48</b>
	(ii) Total Oil Consumption	KL	926.476	737.367	404.192	331.151	222.088	2621.27
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>9489.0</b>
8	Heat Generated from Oil	MKCAL	8829.00	6948.52	3819.58	3166.04	2110.22	24873
9	<b>Average price of Oil</b>	Rs./KL	<b>39239.08</b>	<b>40781.08</b>	<b>37998.16</b>	<b>46391.53</b>	<b>40300.51</b>	<b>40475.01</b>
10	Cost of Oil	Rs.	36354060.04	30070615.49	15358551.14	15362605.48	8950247.48	106096080
11	Heat Generated from Coal	MKCAL	1241913.42	1394048.50	508470.28	799875.40	518685.40	4462993
12	<b>Heat Value of Coal</b>	KCAL/KG	<b>3238.30</b>	<b>3720.00</b>	<b>4552.03</b>	<b>3843.00</b>	<b>4263.05</b>	<b>3719.90</b>
13	<b>Coal Consumption</b>							
	(i) Coal required	MT	383507.91	374744.29	111701.89	208138.43	121670.04	1199763
	(ii) Transit Loss	%	0.80%	0.50%	0.80%	0.80%	0.80%	0.71%
	(iii) Add: Transit Loss (Normative)	MT	3092.81	1883.14	900.82	1678.54	981.21	8537
	(iv) Total Coal required (Normative)	MT	386600.72	376627.43	112602.71	209816.96	122651.25	1208299
	(v) Coal Rate	Kg/kwh	0.835	0.664	0.599	0.634	0.552	0.682
14	<b>Average price of Coal</b>	Rs./MT	<b>3194.91</b>	<b>3491.76</b>	<b>4558.57</b>	<b>3137.67</b>	<b>4204.99</b>	<b>3507.107</b>
15	Cost of Coal	Rs.	1235153418	1315091465	513306827	658335397	515746812	4237633919
16	Total Fuel Cost Allowable	Rs.	1271507478	1345162080	528665378	673698002	524697060	4343729998
17	<b>Fuel cost / unit sent out</b>	<b>Rs./Kwh</b>	<b>3.0363</b>	<b>2.6061</b>	<b>3.1142</b>	<b>2.2356</b>	<b>2.5962</b>	<b>2.7011</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>2.2986</b>
19	Fuel Surcharge required (Normative Fuel Cost - Fuel Cost allowed)	Rs./Kwh	0.582	0.443	0.411	0.065	0.424	0.402

**Note:** (i)The above computation of Coal Cost is based on purchase of Coal during April,2016 to January,2017 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).