



**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/16-17/10

Dated: 13<sup>th</sup> April, 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 **March, 2017** works out to :

Srl. No.	Power Station	Paise per kWh
1.	Kolaghat	67
2.	Bakreswar	45
3.	Bandel	39
4.	Santaldih	17
5.	Sagardighi	40

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

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

**Bandel Thermal Power Station**  
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E-mail : gmbtps@wbpdcl.co.in  
Fax : 2684 6151

**Santaldih Thermal Power Station**  
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E-mail : gmstps@wbpdcl.co.in  
Fax : 260217, PBX: 260197

**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 March-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	<b>Normative Gross Generation</b>	MU	345.635	664.330	221.809	360.236	386.935	1978.946
2	<b>Auxiliary Consumption</b>							
	(i) Auxiliary Consumption Rate	%	9.60%	9.00%	9.70%	9.00%	9.00%	9.18%
	(ii) Auxiliary Consumption	MU	33.18	59.79	21.52	32.42	34.82	181.732
3	<b>Scheduled Injection</b>	MU	<b>312.45373</b>	<b>604.54017</b>	<b>200.29379</b>	<b>327.81501</b>	<b>352.11129</b>	1797.214
4	<b>Recommended Station Heat Rate</b>	KCAL/KWH	2700	2470	2725	2425	2345	<b>2506.12</b>
5	Total Heat Required	MKCAL	933214	1640895	604430	873572.96	907364	4959475.320
6	<b>Oil Consumption</b>							
	(i) Specific Oil Consumption	ml/kwh	2.000	1.300	2.150	1.000	1.000	<b>1.40</b>
	(ii) Total Oil Consumption	KL	691.269	863.629	476.890	360.236	386.935	2778.960
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>9483.1</b>
8	Heat Generated from Oil	MKCAL	6587.56	8138.34	4506.57	3444.12	3676.56	26353.145
9	<b>Average price of Oil</b>	Rs./KL	<b>39239.08</b>	<b>40781.08</b>	<b>39427.15</b>	<b>46391.53</b>	<b>40300.51</b>	<b>40825.53</b>
10	Cost of Oil	Rs.	27124771.40	35219714.75	18802413.65	16711910.47	15593698.10	113452508.370
11	Heat Generated from Coal	MKCAL	926626.02	1632756.42	599923.76	870128.84	903687.14	4933122.175
12	<b>Heat Value of Coal</b>	KCAL/KG	<b>3186.16</b>	<b>3732.97</b>	<b>4659.71</b>	<b>3735.94</b>	<b>4410.03</b>	<b>3809.99</b>
13	<b>Coal Consumption</b>							
	(i) Coal required	MT	290828.14	437388.34	128746.90	232907.77	204916.45	1294787.594
	(ii) Transit Loss	%	0.80%	0.50%	0.80%	0.80%	0.80%	0.70%
	(iii) Add: Transit Loss (Normative)	MT	2345.39	2197.93	1038.28	1878.29	1652.55	9112.441
	(iv) Total Coal required (Normative)	MT	293173.53	439586.27	129785.18	234786.06	206569.00	1303900.035
	(v) Coal Rate	Kg/kwh	0.848	0.662	0.585	0.652	0.534	0.659
14	<b>Average price of Coal</b>	Rs./MT	<b>3241.98</b>	<b>3515.10</b>	<b>4637.09</b>	<b>3208.38</b>	<b>4308.42</b>	<b>3635.823</b>
15	Cost of Coal	Rs.	950463618	1545190485	601826187	753282522	889986538	4740749350.348
16	Total Fuel Cost Allowable	Rs.	977588390	1580410199	620628601	769994432	905580236	4854201858.718
17	<b>Fuel cost / unit sent out</b>	<b>Rs./Kwh</b>	<b>3.1287</b>	<b>2.6142</b>	<b>3.0986</b>	<b>2.3489</b>	<b>2.5719</b>	<b>2.7010</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>2.2772</b>
19	Fuel Surcharge required (Normative Fuel Cost - Fuel Cost allowed)	Rs./Kwh	<b>0.674</b>	<b>0.451</b>	<b>0.396</b>	<b>0.178</b>	<b>0.400</b>	<b>0.424</b>

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