

THE WEST BENGAL POWER DEVELOPMENT CORPORATION LTD.

Monthly Fuel Cost Adjustment for the month of November-16

Sl. No.	Particulars	Unit	KTPS	BkTTP (I to V))	BTPS	SANTALDIH (V & VI)	SAGARDIGHI	Overall
			Amount/Qty.	Amount/Qty.	Amount/Qty.	Amount/Qty.	Amount/Qty.	
1	Normative Gross Generation	MU	347.652	459.185	115.160	306.298	258.036	1486.331
2	Auxiliary Consumption							
	(i) Auxiliary Consumption Rate	%	9.60%	9.00%	9.70%	9.00%	9.00%	9.19%
	(ii) Auxiliary Consumption	MU	33.37	41.33	11.17	27.57	23.22	136.66
3	Scheduled Injection	MU	314.27734	417.85839	103.98963	278.73086	234.81309	1349.669
4	Recommended Station Heat Rate	KCAL/KWH	2700	2470	2725	2425	2345	2512.58
5	Total Heat Required	MKCAL	938660	1134187	313811	742772	605095	3734526
6	Oil Consumption							
	(i) Specific Oil Consumption	ml/kwh	2.000	1.300	2.150	1.000	1.000	1.42
	(ii) Total Oil Consumption	KL	695.304	596.941	247.594	306.298	258.036	2104.17
7	Weighted Average GCV of Oil	KCAL/LTR	9529.31	9423.42	9399.26	9560.72	9501.73	9485.2
8	Heat Generated from Oil	MKCAL	6625.77	5625.22	2327.20	2928.43	2451.79	19958
9	Average price of Oil	Rs./KL	39239.08	40948.12	37031.46	61731.06	39182.71	42731.33
10	Cost of Oil	Rs.	27283082.68	24443592.27	9168779.21	18908078.60	10110563.11	89914096
11	Heat Generated from Coal	MKCAL	932034.43	1128561.84	311484.24	739843.36	602643.48	3714567
12	Heat Value of Coal	KCAL/KG	2902.89	3499.01	4016.24	3566.24	4261.31	3471.41
13	Coal Consumption							
	(i) Coal required	MT	321070.89	322537.53	77556.21	207457.79	141422.01	1070044
	(ii) Transit Loss	%	0.80%	0.50%	0.80%	0.80%	0.80%	0.71%
	(iii) Add: Transit Loss (Normative)	MT	2589.28	1620.79	625.45	1673.05	1140.50	7649
	(iv) Total Coal required (Normative)	MT	323660.17	324158.32	78181.66	209130.84	142562.51	1077694
	(v) Coal Rate	Kg/kwh	0.931	0.706	0.679	0.683	0.552	0.725
14	Average price of Coal	Rs./MT	3158.66	3365.36	4335.85	2943.31	4104.51	3389.566
15	Cost of Coal	Rs.	1022333347	1090910027	338984346	615536293	585149128	3652913142
16	Total Fuel Cost Allowable	Rs.	1049616430	1115353620	348153125	634444372	595259691	3742827238
17	Fuel cost / unit sent out	Rs./Kwh	3.3398	2.6692	3.3480	2.2762	2.5350	2.7731
18	Fuel cost allowed	Rs./Kwh	2.4547	2.1633	2.7027	2.1705	2.1723	2.2758
19	Fuel Surcharge required (Normative Fuel Cost - Fuel Cost allowed)	Rs./Kwh	0.885	0.506	0.645	0.106	0.363	0.497

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