

THE WEST BENGAL POWER DEVELOPMENT CORPORATION LTD.

Monthly Fuel Cost Adjustment for the month of October-16

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	Normative Gross Generation	MU	559.823	606.597	185.586	298.841	321.507	1972.354
2	Auxiliary Consumption							
	(i) Auxiliary Consumption Rate	%	9.60%	9.00%	9.70%	9.00%	9.00%	9.24%
	(ii) Auxiliary Consumption	MU	53.74	54.59	18.00	26.90	28.94	182.17
3	Scheduled Injection	MU	506.08033	552.00364	167.58376	271.94561	292.57095	1790.184
4	Recommended Station Heat Rate	KCAL/KWH	2700	2470	2725	2425	2345	2532.08
5	Total Heat Required	MKCAL	1511523	1498296	505721	724690	753933	4994162
6	Oil Consumption							
	(i) Specific Oil Consumption	ml/kwh	2.000	1.300	2.150	1.000	1.000	1.48
	(ii) Total Oil Consumption	KL	1119.647	788.577	399.009	298.841	321.507	2927.58
7	Weighted Average GCV of Oil	KCAL/LTR	9529.31	9423.42	9399.26	9560.72	9501.73	9483.2
8	Heat Generated from Oil	MKCAL	10669.46	7431.09	3750.39	2857.14	3054.87	27763
9	Average price of Oil	Rs./KL	39210.73	40948.12	37031.46	61731.06	38904.00	41646.84
10	Cost of Oil	Rs.	43902170.47	32290728.94	14775882.54	18447792.14	12507891.06	121924465
11	Heat Generated from Coal	MKCAL	1500853.63	1490864.51	501970.27	721833.08	750877.97	4966399
12	Heat Value of Coal	KCAL/KG	2913.24	3416.26	4861.03	3667.58	4126.58	3464.22
13	Coal Consumption							
	(i) Coal required	MT	515184.01	436401.95	103264.26	196814.80	181961.44	1433626
	(ii) Transit Loss	%	0.80%	0.50%	0.80%	0.80%	0.80%	0.71%
	(iii) Add: Transit Loss (Normative)	MT	4154.71	2192.97	832.78	1587.22	1467.43	10235
	(iv) Total Coal required (Normative)	MT	519338.72	438594.92	104097.04	198402.01	183428.87	1443862
	(v) Coal Rate	Kg/kwh	0.928	0.723	0.561	0.664	0.571	0.732
14	Average price of Coal	Rs./MT	3049.79	3329.87	4737.95	3218.39	4162.39	3421.091
15	Cost of Coal	Rs.	1583874879	1460463958	493206840	638534225	763501909	4939581811
16	Total Fuel Cost Allowable	Rs.	1627777050	1492754687	507982722	656982017	776009800	5061506276
17	Fuel cost / unit sent out	Rs./Kwh	3.2164	2.7042	3.0312	2.4159	2.6524	2.8274
18	Fuel cost allowed	Rs./Kwh	2.4547	2.1633	2.7027	2.1705	2.1723	2.2987
19	Fuel Surcharge required (Normative Fuel Cost - Fuel Cost allowed)	Rs./Kwh	0.762	0.541	0.329	0.245	0.480	0.529

Note: (i) The above computation of Coal Cost is based on purchase of Coal during August, 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).