

THE WEST BENGAL POWER DEVELOPMENT CORPORATION LTD.

Monthly Fuel Cost Adjustment for the month of June-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	578.945	658.667	100.321	317.946	274.407	1930.287
2	Auxiliary Consumption							
	(i) Auxiliary Consumption Rate	%	9.60%	9.00%	9.70%	9.00%	9.00%	9.22%
	(ii) Auxiliary Consumption	MU	55.58	59.28	9.73	28.62	24.70	177.90
3	Scheduled Injection	MU	523.36643	599.38721	90.59000	289.33124	249.70999	1752.385
4	Recommended Station Heat Rate	KCAL/KWH	2700	2470	2725	2425	2345	2527.05
5	Total Heat Required	MKCAL	1563152	1626908	273375	771020	643483	4877939
6	Oil Consumption							
	(i) Specific Oil Consumption	ml/kwh	2.000	1.300	2.150	1.000	1.000	1.46
	(ii) Total Oil Consumption	KL	1157.890	856.267	215.690	317.946	274.407	2822.20
7	Weighted Average GCV of Oil	KCAL/LTR	9654.07	9324.05	9493.67	9573.28	9363.71	9504.3
8	Heat Generated from Oil	MKCAL	11178.35	7983.88	2047.69	3043.79	2569.46	26823
9	Average price of Oil	Rs./KL	46219.97	41124.83	41255.31	61748.95	48510.19	46266.81
10	Cost of Oil	Rs.	53517656.10	35213851.89	8898378.15	19632857.31	13311515.29	130574259
11	Heat Generated from Coal	MKCAL	1551973.59	1618924.26	271327.44	767976.27	640913.97	4851116
12	Heat Value of Coal	KCAL/KG	3486.21	3419.01	4280.91	3266.92	4551.59	3572.38
13	Coal Consumption							
	(i) Coal required	MT	445174.97	473506.28	63380.72	235076.78	140810.99	1357950
	(ii) Transit Loss	%	0.80%	0.50%	0.80%	0.80%	0.80%	0.70%
	(iii) Add: Transit Loss (Normative)	MT	3590.12	2379.43	511.13	1895.78	1135.57	9512
	(iv) Total Coal required (Normative)	MT	448765.09	475885.71	63891.86	236972.56	141946.56	1367462
	(v) Coal Rate	Kg/kwh	0.775	0.722	0.637	0.745	0.517	0.708
14	Average price of Coal	Rs./MT	3316.17	3125.20	4424.20	2726.51	4194.79	3290.501
15	Cost of Coal	Rs.	1488182973	1487237219	282670642	646108040	595435507	4499634382
16	Total Fuel Cost Allowable	Rs.	1541700629	1522451071	291569021	665740897	608747022	4630208641
17	Fuel cost / unit sent out	Rs./Kwh	2.9457	2.5400	3.2186	2.3010	2.4378	2.6422
18	Fuel cost allowed	Rs./Kwh	2.4547	2.1633	2.7027	2.1705	2.1723	2.2807
19	Fuel Surcharge required (Normative Fuel Cost - Fuel Cost allowed)	Rs./Kwh	0.491	0.377	0.516	0.130	0.266	0.362