

Computation of monthly FAC for the month of March-06
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Fuel	Tariff Order-March 06		March 06		YTD March 06 (Wtd Avg)	
	CV	Price	CV	Price	CV	Price
	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal
Natural Gas	13,000	305.40	13,130.31	374.30	13,059.59	360.53
Coal	4,750	481.00	4,943.81	527.41	4,905.45	557.86
Oil*	10,500	1,070.50	**	2,169.41	**	1,657.30
All Fuels		722.00		1,185.08		1,026.15

\* Oil includes LSHS, LSWR, HSD, LDO & SKO

\*\* Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-March 06		March 06		YTD March 06 (Wtd Avg)	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.43%	-	0.36%
Unit 4, Trombay	2,574.00	7.80%	2,468.78	7.41%	2,564.39	8.20%
Unit 5, Trombay	2,447.00	5.30%	2,398.92	4.83%	2,457.97	5.14%
Unit 6, Trombay	2,338.40	3.20%	2,335.66	3.48%	2,321.67	3.31%
Unit 7, Trombay	2,019.00	2.80%	1,978.73	2.29%	1,971.40	2.30%

Table 3(A): Variable Cost of generation and Power Purchase					March 06		
Units/Station/ Source	Fuel	Tariff Order – March 06			Assessment for FAC determination for March 06		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	107.00	-	-	138.16	-
Unit - 4	NG	0.79	-	-	0.96	-	-
Unit - 4	Oil	2.76	-	-	5.58	76.39	42.65
Unit - 5	NG	0.75	-	-	0.92	-	-
Unit - 5	Coal	1.18	326.50	38.53	1.29	345.99	44.65
Unit - 5	Oil	2.62	31.50	8.25	5.31	2.83	1.50
Unit - 6	NG	0.71	-	-	0.88	7.16	0.63
Unit - 6	Oil	2.50	372.00	93.00	5.07	241.86	122.70
Unit - 7	NG	0.62	111.80	6.93	0.76	117.79	8.90
Total Thermal Gen		1.74	841.80	146.71	2.79	792.01	221.03
Total Generation		1.55	948.80	146.71	2.38	930.17	221.03
Fuel handling Charges				1.00			1.11
Total generation including FHC (A)		1.56	948.80	147.71	2.39	930.17	222.14
Net Power Purchase from MSEB/Others (B)		2.99	7.30	2.18	3.75	25.88	9.72
Less: Sale to MSEB from Unit 4/ Incremental Cost (C)			-	-	5.55	-	-
Any adjustment / Refund							(66.51)
Var cost of generation and Power purchase (A+B- C)		1.57	956.10	149.89	1.73	956.05	165.35

Table 3(B): Variable Cost of generation and Power Purchase				YTD March 06			
Units/Station/ Source	Fuel	Tariff Order- YTD March 06			Assessment for FAC determination for YTD March 06		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	1,336.10	-	-	2,023.53	-
Unit - 4	NG	0.79	-	-	0.93	4.06	0.38
Unit - 4	Oil	2.76	111.60	30.80	4.27	638.27	272.28
Unit - 5	NG	0.75	-	-	0.88	2.69	-
Unit - 5	Coal	1.18	3,844.00	453.59	1.37	3,596.48	490.95
Unit - 5	Oil	2.62	340.20	89.13	4.06	158.35	64.22
Unit - 6	NG	0.71	102.70	7.29	0.84	147.04	12.40
Unit - 6	Oil	2.50	3,660.20	915.05	3.88	3,307.39	1,281.76
Unit - 7	NG	0.62	1,197.40	74.24	0.73	1,330.74	96.87
Total Thermal Gen		1.70	9,256.10	1,570.11	2.42	9,185.03	2,218.84
Total Generation		1.48	10,592.20	1,570.11	1.98	11,208.56	2,218.84
Fuel handling Charges				10.90			10.52
Total generation including FHC (A)		1.49	10,592.20	1,581.01	1.99	11,208.56	2,229.36
Net Power Purchase from MSEB/Others (B)		2.99	61.50	18.39	3.61	389.99	140.65
Less: Sale to MSEB from Unit 4/ Incremental Cost (C )		-	-	-	4.35	272.41	118.51
Any adjustment / Refund							(66.51)
Var cost of generation and Power purchase (A+B-C)		1.50	10,653.70	1,599.40	1.93	11,326.14	2,184.98

Unit/ Station	Fuel	March 06			YTD March 06		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost	Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr	MU	Rs/kWh	Rs Cr
Hydel Station	None	-	0.83	-	-	0.50	-
Unit - 4	NG	-	0.17	-	0.02	0.14	0.0002
Unit - 4	Oil	-	2.82	-	2.54	1.51	0.3832
Unit - 5	NG	-	0.17	-	-	0.13	-
Unit - 5	Coal	-	0.11	-	-	0.19	-
Unit - 5	Oil	-	2.69	-	-	1.44	-
Unit - 6	NG	0.02	0.17	0.0003	0.16	0.13	0.0021
Unit - 6	Oil	0.68	2.57	0.1760	3.62	1.38	0.4982
Unit - 7	Oil	-	0.14	-	-	0.11	-
Thermal Total		0.70		0.1764	6.34		0.8838
Total		0.70		0.18	6.34		0.8838

Parameter	Unit	March 06	YTD March 06
Variable cost of generation and power purchase considered in the Tariff Order	Paise/kWh	156.78	150.13
Variable cost of generation and power purchase as assessed for computation of FAC	Paise/kWh	172.95	192.92
Change in Variable cost of generation and power purchase (on per unit basis)	Paise/kWh	16.17	42.79
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	956.05	11,326.14
Change in Variable cost of generation and power purchase	Rs Cr	15.46	484.64
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.18	0.88
Net change in variable cost of generation & power purchase	Rs Cr	15.28	483.76

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
March 06				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	885.50	4.86	890.35
Apportionment of Net Hydro generation (a)	MU	137.57	-	137.57
Apportionment of net thermal generation & power purchase (b)	MU	778.99	5.03	784.02
Apportionment of generation & Power purchase	MU	916.56	5.03	921.58
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	15.18	0.10	15.28

Table 6(B): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
YTD March 06				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	10,421.29	292.24	10,713.53
Apportionment of Net Hydro generation (a)	MU	2,016.21	-	2,016.21
Apportionment of net thermal generation & power purchase (b)	MU	8,628.36	298.36	8,926.71
Apportionment of generation & Power purchase	MU	10,644.57	298.36	10,942.92
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	467.59	16.17	483.76