

Computation of monthly FAC Charge for the month (j-2)	Apr-04
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Fuel	Tariff Order-April -04		April -04	
	CV	Price	CV	Price
	kCal/kG	Rs/MkCal	kCal/kG	Rs/MkCal
Natural Gas	13,000	305.40	12,770.98	303.43
Coal	4,750	481.00	5,083.14	461.06
Oil*	10,500	1,070.50	**	1,027.03
All Fuels		722.00		690.51

* 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-April -04		April-04	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.85%
Unit 4, Trombay	2,574.00	7.80%	2,536.91	6.92%
Unit 5, Trombay	2,447.00	5.30%	2,449.43	4.75%
Unit 6, Trombay	2,338.40	3.20%	2,327.06	2.97%
Unit 7, Trombay	2,019.00	2.80%	1,953.80	2.29%

Units/Station/ Source	Fuel	Tariff Order – April-04			Assessment for FAC determination for April-04		
		Var Cost	Gen	VCG	Var Cost	Gen	VCG
		Rs/kWh	MUs	Rs Cr	Rs/kWh	MUs	Rs Cr
Hydel Station	None	-	115.80	-	-	78.86	-
Unit - 4	NG	0.79	-	-	0.78	10.42	0.81
Unit - 4	Oil	2.76	-	-	2.64	81.36	21.51
Unit - 5	NG	0.75	-	-	0.74	-	-
Unit - 5	Coal	1.18	315.90	37.19	1.13	360.88	40.72
Unit - 5	Oil	2.62	44.10	11.55	2.51	3.70	0.93
Unit - 6	NG	0.71	-	-	0.71	25.28	1.79
Unit - 6	Oil	2.50	360.00	90.12	2.40	319.76	76.79
Unit - 7	NG	0.62	108.20	6.67	0.61	115.15	7.05
Total Thermal Gen		1.76	828.20	145.52	1.63	916.55	149.61
Total Generation		1.54	944.00	145.52	1.50	995.41	149.61
Fuel handling Charges				-			0.70
Total generation including FHC (A)		1.54	944.00	145.52	1.51	995.41	150.31
Net Power Purchase from MSEB (B)		2.99	11.50	3.44	-	-	-
Less: Sale to MSEB from Unit 4			-	-	2.64	-	-
Var cost of generation and Power purchase (A+B)		1.56	955.50	148.96	1.51	995.41	150.31

Table 4: Excess Auxiliary consumption & Disallowance of change in variable cost

Unit/ Station	Fuel	April-04		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	0.28	-	-
Unit - 4	NG	-	-	-
Unit - 4	Oil	-	-	-
Unit - 5	NG	-	-	-
Unit - 5	Coal	-	-	-
Unit - 5	Oil	-	-	-
Unit - 6	NG	-	-	-
Unit - 6	Oil	-	-	-
Unit - 7	Oil	-	-	-
Total		0.28		-

Table 5: Change in Variable Cost of Generation and Power Purchase

Parameter	Unit	April-04
Variable cost of generation and power purchase considered in the Tariff Order	Rs/kWh	1.56
Variable cost of generation and power purchase as assessed for computation of FAC	Rs/kWh	1.51
Change in Variable cost of generation and power purchase (on per unit basis)	Rs/kWh	(0.05)
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	995.41
Change in Variable cost of generation and power purchase	Rs Cr	(4.88)
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	-
Net change in variable cost of generation & power purchase	Rs Cr	(4.88)

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
April-04				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	859.81	89.06	948.87
Apportionment of Net Hydro generation (a)	MU	78.18	-	78.18
Apportionment of net thermal generation & power purchase (b)	MU	790.05	89.93	879.98
Apportionment of generation & Power purchase	MU	868.23	89.93	958.16
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	(4.38)	(0.50)	(4.88)