

Licensee : GENCO(I.P.G.C.L)						
GTPS						
Form 6.13 B Yearly Variable Cost Calculation						
(Gas as fuel)						
S.NO.	Details	Previous Period 2004-05	Current Period 2005-06		Ensuing Period 2006-07	Remarks
		Actual	Actual	Estimated	Estimated	
		Total	Total	Total	Total	
1	Unit Capacity (MW)	282	282	282	282	
2	Gross Generation (MU) (A)	1539.546	875.285	1650	1500	
3	Auxiliary Consumption (MU) (B)	50.719	28.131	51.15	46.5	
4	Normative Auxiliary Consumption (C) %	3.29	3.21	3.1	3.1	
5	Net Generation (MU) (D) = (A) - (B)	1488.827	847.154	1598.85	1453.5	
6a	Gas Consumption (E) SCM					
	CNG	258031505	119762000	231,940,000.00	185,560,000.00	
	LNG	167,655,510.00	119,740,000.00	217,030,000.00	222,590,000.00	
7a	Cost of Gas consumed per unit (F) Rs./SCM					
	CNG	3.747	4.222	4.222	4.433	
8a	Calorific Value of Gas (Kcal per unit)					
	CNG	8269	8269	8269	8269	
	LNG	8269	8269	8269	8269	
6b	Gas Consumption (G) MMBTU					
	LNG (MMBTU)	6,131,106.60	4,353,000.00	7,890,000.00	8,092,000.00	
	Enter Details 2					
	Enter Details 3					
7b	Cost of Gas consumed per unit (H) Rs./MMBTU					
	LNG	190.4	195.33	195	205	
	Enter Details 2					
	Enter Details 3					
8b	Calorific Value of Gas (Kcal per unit)					
9	Secondary Oil consumption (KL) (I)	131.1	31	70	70	
10	Cost of Secondary Oil per KL (Rs.) (J)	19093.24	19093.24	19093.24	20048	
11	Calorific Value of Secondary Oil (Kcal per KL)					
12	Total Heat Input (Kcal X 10 ⁶)	35,20,005.93	19,80,442.04	37,12,532.93	33,74,992.35	
13	Heat Rate Achieved in Kcal/KWh	2286.39	2262.63	2250.02	2249.99	
14	Total Cost of Fuel (Rs. Cr.) (I=E*F+G*H+I*J)	213.67	135.65	251.91	248.29	
15	Variable Cost in Rs./KWh (I/D)	1.44	1.60	1.58	1.71	

Comments :