

Licensee : GENCO(I.P.G.C.L)

GTPS

FORM 6.14 Macro Economic Parameters

S.NO.	Details	Previous Period 2004-05	Remarks
1	Exchange Rate with Dollar		
2	Exchange Rate with Euro		
3	Inflation		
4	Brent Crude Oil Price		
5	PLR (SBI)		
6	Bank Rate		
7	Effective Corporate Tax		
8	Industrial Growth Rate		
9	Service Sector Growth Rate		
10	Agricultural Growth Rate		
11	Delhi Population Growth Rate		
12	Dearness Allowance Rate		
13	Average Electricity Tariff		

Comments :

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Licensee : GENCO(I.P.G.C.L)

GTPS

Form 6.15 Generation Tariff Calculation

S.NO.	Details	Previous Period 2004-05	Current Period 2005-06		Ensuing Period 2006-07	Remarks
			Actual	Estimated	Estimated	
1	Gross Generation (MU)	1539.546	875.285	1650	1500	
2	Auxiliary Consumption	50.719	28.131	51.15	46.5	
3	Net Generation (MU)	1488.827	847.154	1598.85	1453.5	
4	Per Unit Fixed Cost (Rs. Per KWh)	0.63	0.52	0.55	0.79	
5	Per Unit Variable Cost (Rs. Per KWh)	1.44	1.60	1.58	1.71	
6	Generation Tariff (Rs. Per KWh)	2.07	2.12	2.13	2.49	

7 actual estimated

0

0

1

1

Comments :



2006-07	2007	GENCO	GTPS				
	Form No	Yearly Statement of Depreciation	Previous Period 2004-05	Current Period 2005-06 (Actual)	Current Period 2005-06 (Estimated)	Current Period 2005-06 (Total)	Ensuing Period 2006-07
1	6.6	Rate of Depreciation	0.00%	0.00%	0.00%	0.00%	0.00%
2	6.6	Accumulated Depreciation (A)	110.36	127.53	127.53	255.06	144.77
3	6.6	Depreciation on Capital Cost (B)	17.17	8.54	17.07	25.61	17.89
4	6.6	Amount of Addn Capitalization (C)	0.00	0.00	15.55	15.55	16.02
5	6.6	Deprecation on Additional Capitalization (D)	0.00	0.00	0.17	0.17	0.17
6	6.6	Amount of FERV on which Depreciation charged (E)	0.00	0.00	0.00	0.00	0.00
7	6.6	Depreciation amount related to on FERV (F)	0.00	0.00	0.00	0.00	0.00
8	6.6	Total Depreciation (B +D +F)	17.17	8.54	17.24	25.78	18.06
9		Yearly Statement of Advance Against Depreciation					
10	6.7	1/10 th of the Original Scheduled Loan(s) (A)	3.86	5.12	5.12	10.24	6.77
11	6.7	Originally Scheduled Repayment of Loans (B)	2.58	1.48	3.42	4.90	11.11
12	6.7	Min. of (A) and (B) (C)	2.58	1.48	3.42	4.90	6.77
13	6.7	Total Depreciation during the year (From form 6.6) (D)	17.17	8.54	17.24	25.78	18.06
14	6.7	Advance Against Depreciation (C) - (D)	0.00	0.00	0.00	0.00	0.00
15		Computation of Interest on Various Loans					
16	6.8	Repayment Amount	2.58	1.48	3.41	4.89	11.11
17	6.8	Interest Paid/Payable	9.02	5.58	11.24	16.82	24.13
18		Yearly Statement of Interest on Working Capital					
19	6.9	Fuel Cost - 1 Month	17.81	22.69	20.99	43.68	20.67
20	6.9	Fuel Stock - 1/2 Month	0.00	0.00	0.00	0.00	0.00
21	6.9	Oil Stock - 2 Months	0.04	0.02	0.02	0.04	0.02
22	6.9	Coal Stock - 2 Months	0.00	0.00	0.00	0.00	0.00
23	6.9	O & M Expenses - 1 Month	3.96	3.13	3.18	6.31	4.15
24	6.9	Spares 1 year = 40 % of O & M Less 1/5 th of Initial Capitalized spares for first 5 years	19.00	15.04	15.26	30.30	19.92
25	6.9	Receivables - 2 Months	48.88	60.15	56.23	116.38	60.56
26	6.9	Total Working Capital (Rs. Cr.)	89.68	101.03	95.69	196.72	105.32
27	6.9	Working Capital Loan allowed	89.68	50.52	95.48	146.00	105.32
28	6.9	Weighted Average Interest Rate	0.11	0.11	0.11	0.22	0.11
29	6.9	Interest on Working Capital (Rs. Cr.)	9.64	5.43	10.26	15.69	11.32
30		Yearly Details of O & M Expenses					
31	6.10	Breakup of O & M Expenses	0.00	0.00	0.00	0.00	0.00
32	6.10	Employee Cost	5.25	2.71	5.97	8.68	6.24
33	6.10	Repair and Maintenance	28.31	8.62	17.10	25.72	28.40
34	6.10	Stores Consumed	0.00	0.00	0.00	0.00	0.00
35	6.10	Water Charges	0.04	0.06	0.12	0.18	0.13
36	6.10	Communication Expenses	0.05	0.04	0.07	0.11	0.07
37	6.10	Travelling Expenses	0.05	0.01	0.05	0.06	0.05
38	6.10	Insurance	1.61	1.55	2.85	4.40	2.90
39	6.10	Plant and Machinery	1.61	1.55	2.85	4.40	2.90
40	6.10	Other	0.00	0.00	0.00	0.00	0.00
41	6.10	Rent	0.00	0.00	0.00	0.00	0.00
42	6.10	Security Expenses	1.90	1.09	2.00	3.09	1.80
43	6.10	Professional Expenses	0.00	0.00	0.00	0.00	0.20
44	6.10	Printing and Stationary	0.01	0.01	0.03	0.04	0.03
45	6.10	Corporate Office Expenses Allocation	10.21	4.70	9.93	14.63	9.87
46	6.10	Other Expenses	0.06	0.01	0.02	0.03	0.05
47	6.10	Total (1 to 13)	47.49	18.80	38.14	56.94	49.74
48	6.10	Less: Recovered (if any)	0.00	0.00	0.00	0.00	0.00
49	6.10	Net Expenses (14 -15)	47.49	18.80	38.14	56.94	49.74
50	6.10	Abnormal O & M Expenses (a+b)	0.00	0.00	0.00	0.00	0.00
51	6.10	(a) On Account of water charges	0.00	0.00	0.00	0.00	0.00
52	6.10	(b) On Account of other factors	0.00	0.00	0.00	0.00	0.00
53	6.10	Base O & M Expenses (16 -17)	47.49	18.80	38.14	56.94	49.74
54	6.10	Corporate Office Expenses (aggregate)	0.00	0.00	0.00	0.00	0.00
55	6.10	Direct Employee Expenses	9.19	5.02	10.48	15.50	10.96
56	6.10	Repair and Maintenance	1.54	0.91	1.75	2.66	1.80
57	6.10	Training and Recruitment	0.45	0.27	0.50	0.77	0.50
58	6.10	Communication	0.11	0.07	0.14	0.21	0.15
59	6.10	Travelling	0.39	0.20	0.42	0.62	0.45
60	6.10	Security	0.01	0.01	0.02	0.03	0.03
61	6.10	Rent	0.01	0.02	0.02	0.04	0.03
62	6.10	Others	8.12	1.53	5.09	6.62	5.39
63	6.10	Total	19.82	8.03	18.42	26.45	19.31

64		Yearly Fixed Cost Calculation					
65	6.11	Depreciation (From 6.6)	17.17	8.54	17.24	25.78	18.06
66	6.11	Interest on Loan (From 6.8)	9.02	5.58	11.24	16.82	24.13
67	6.11	Return on Equity (%)	0.14	0.14	0.14	0.28	0.14
68	6.11	Return on Equity (Rs Cr)	11.09	5.55	11.09	16.64	11.09
69	6.11	Advance against Depreciation (From 6.7)	0.00	0.00	0.00	0.00	0.00
70	6.11	Interest on Working Capital (From 6.9)	9.64	5.43	10.26	15.69	11.32
71	6.11	O & M Expenses (From 6.10)	47.49	18.80	38.14	56.94	49.74
72	6.11	Fixed Fuel Charges	0.00	0.00	0.00	0.00	0.00
73	6.11	Total Fixed Fuel cost	94.41	43.90	87.97	131.87	114.34
74		Yearly Variable Cost Calculation (Coal as Fuel)					
75	6.13A	Unit Capacity	0.00	0.00	0.00	0.00	0.00
76	6.13A	Gross Generation (A) (MU)	0.00	0.00	0.00	0.00	0.00
77	6.13A	Auxiliary Consumption (B) (MU)	0.00	0.00	0.00	0.00	0.00
78	6.13A	Normative Auxiliary Consumption %	0.00	0.00	0.00	0.00	0.00
79	6.13A	Net Generation (MU) (D) =(A) - (B)	0.00	0.00	0.00	0.00	0.00
80	6.13A	Coal Consumption (MT) (E)	0.00	0.00	0.00	0.00	0.00
81	6.13A	Cost per Ton of Coal (Rs / MT) (F)	0.00	0.00	0.00	0.00	0.00
82	6.13A	Weighted Average GCV of Coal (KCal/Kg) (G)	0.00	0.00	0.00	0.00	0.00
83	6.13A	Secondary Oil Consumption (H)	0.00	0.00	0.00	0.00	0.00
84	6.13A	LSHS(MT)	0.00	0.00	0.00	0.00	0.00
85	6.13A	LDO(KL)	0.00	0.00	0.00	0.00	0.00
86	6.13A	Cost of Secondary Oil (I)	0.00	0.00	0.00	0.00	0.00
87	6.13A	LSHS(Rs / MT)	0.00	0.00	0.00	0.00	0.00
88	6.13A	LDO(Rs / KL)	0.00	0.00	0.00	0.00	0.00
89	6.13A	Calorific Value of Oil (J)	0.00	0.00	0.00	0.00	0.00
90	6.13A	LSHS(Kcal / Kg)	0.00	0.00	0.00	0.00	0.00
91	6.13A	LDO(Kcal / Kg)	0.00	0.00	0.00	0.00	0.00
92	6.13A	Total Heat Input (Kcal X 10 ⁶) E*G + H*J (K)	0.00	0.00	0.00	0.00	0.00
93	6.13A	Heat Rate Achieved in Kcal/KWh (L) (K/A)	0.00	0.00	0.00	0.00	0.00
94	6.13A	Approved Heat Rate in Kcal/KWh (M)	0.00	0.00	0.00	0.00	0.00
95	6.13A	Total Cost of Fuel (N=E*F + H*I) (in Rs Crores)	0.00	0.00	0.00	0.00	0.00
96	6.13A	Variable Cost in Rs./Kwh (N/D)	0.00	0.00	0.00	0.00	0.00
97		Yearly Variable Cost Calculation (Gas as Fuel)					
98	6.13B	Unit Capacity (MW)	282.00	282.00	282.00	564.00	282.00
99	6.13B	Gross Generation (MU) (A)	1539.55	875.29	1650.00	2525.29	1500.00
100	6.13B	Auxiliary Consumption (MU) (B)	50.72	28.13	51.15	79.28	46.50
101	6.13B	Normative Auxiliary Consumption (C) %	3.29	3.21	3.10	6.31	3.10
102	6.13B	Net Generation (MU) (D) = (A) - (B)	1488.83	847.15	1598.85	2446.00	1453.50
103	6.13B	Gas Consumption (E) SCM	0.00	0.00	0.00	0.00	0.00
104	6.13B	CNG	258031505.00	119762000.00	231940000.00	351702000.00	185560000.00
105	6.13B	LNG	167655510.00	119740000.00	217030000.00	336770000.00	222590000.00
106	6.13B		0	0.00	0.00	0.00	0.00
107	6.13B	Cost of Gas consumed per unit (F) Rs./SCM	0.00	0.00	0.00	0.00	0.00
108	6.13B	CNG	3.75	4.22	4.22	8.44	4.43
109	6.13B		0	0.00	0.00	0.00	0.00
110	6.13B		0	0.00	0.00	0.00	0.00
111	6.13B	Calorific Value of Gas (Kcal per unit)	0.00	0.00	0.00	0.00	0.00
112	6.13B	CNG	8269.00	8269.00	8269.00	16538.00	8269.00
113	6.13B	LNG	8269.00	8269.00	8269.00	16538.00	8269.00
114	6.13B		0	0.00	0.00	0.00	0.00
115	6.13B	Gas Consumption (G) MMBTU	0.00	0.00	0.00	0.00	0.00
116	6.13B	LNG (MMBTU)	6131106.60	4353000.00	7890000.00	12243000.00	8092000.00
117	6.13B	Enter Details 2	0.00	0.00	0.00	0.00	0.00
118	6.13B	Enter Details 3	0.00	0.00	0.00	0.00	0.00
119	6.13B	Cost of Gas consumed per unit (H) Rs./MMBTU	0.00	0.00	0.00	0.00	0.00
120	6.13B	LNG	190.40	195.33	195.00	390.33	205.00
121	6.13B	Enter Details 2	0.00	0.00	0.00	0.00	0.00
122	6.13B	Enter Details 3	0.00	0.00	0.00	0.00	0.00
123	6.13B	Calorific Value of Gas (Kcal per unit)	0.00	0.00	0.00	0.00	0.00
124	6.13B		0	0.00	0.00	0.00	0.00
125	6.13B		0	0.00	0.00	0.00	0.00
126	6.13B		0	0.00	0.00	0.00	0.00
127	6.13B	Secondary Oil consumption (KL) (I)	131.10	31.00	70.00	101.00	70.00
128	6.13B	Cost of Secondary Oil per KL (Rs.) (J)	19093.24	19093.24	19093.24	38186.48	20048.00
129	6.13B	Calorific Value of Secondary Oil (Kcal per KL)	0.00	0.00	0.00	0.00	0.00
130	6.13B	Total Heat Input (Kcal X 10 ⁶)	3520005.93	1980442.04	3712532.93	5692974.97	3374992.35
131	6.13B	Heat Rate Achieved in Kcal/KWh	2286.39	2262.63	2250.02	4512.65	2249.99
132	6.13B	Total Cost of Fuel (Rs. Cr.) (I=E*F+G*H+I*J)	213.67	135.65	251.91	387.56	248.29
133	6.13B	Variable Cost in Rs./KWh (I/D)	1.44	1.60	1.58	3.18	1.71
134		Tariff Calculation - Consolidated Sheet					
135	Consolidated	Gross Generation (MU)	1539.55	875.29	1650.00	2525.29	1500.00
136	Consolidated	Auxiliary Consumption	50.72	28.13	51.15	79.28	46.50
137	Consolidated	Net Generation (MU)	1488.83	847.15	1598.85	2446.00	1453.50
138	Consolidated	Per Unit Fixed Cost (Rs. Per KWh)	0.63	0.52	0.55	1.07	0.79
139	Consolidated	Per Unit Variable Cost (Rs. Per KWh)	1.44	1.60	1.58	3.18	1.71
140	Consolidated	Generation Tariff (Rs. Per KWh)	2.07	2.12	2.13	4.25	2.49
		actualestimated	0.00	0.00	1.00	0.00	1.00

Licensee : GENCO(I.P.G.C.L)											
RPH											
FORM 6.1 Plant Characteristics											
S.NO.	Details	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Remarks
1	Rated Capacity	67.5	67.5								
2	Date Of Synchronization	20.02.1990	6.05.1989								
3	Capacity at the date of synchronization	67.5	67.5								
4	Date of Entry into Commercial Operation	MAY,1990	JAN, 1990								
5	Date of Stabilization										
6	Capacity at the Date of Stabilization	67.5	67.5								
7	Performance Test Done ? (Y/N)	YES	YES								
8	If Yes, Capacity at Test	AT FULL LOAD	AT FULL LOAD								
9	Type of Cooling System for Condenser	Closed Circuit Cooling System	Closed Circuit Cooling System								
10	Type of Boiler Feed Pump	Motor Driven	Motor Driven								
11	Type of Cooling System for Electric Generator	AIR	AIR								
12	Any Other Special Feature										
13	Fuel Type	COAL, LSHS & LDO	COAL, LSHS & LDO								
14	Basic Plant Characteristics	Coal Base Thermal Power Plant	Coal Base Thermal Power Plant								

Comments :

Licensee : GENCO(I.P.G.C.L)				
RPH				
FORM 6.2 Statement of Project Cost				
S.No.	Break Down Details	Cost in Rs. Crores		
		As per Original Approved	As in Completed Cost on COD	Remarks
1	Cost of Land,Works , Plant & Equipment & services			
2	Land and Preliminary Investigation			
3	Site Development			
4	Steam Generator Island			
5	Turbine Generator Island			
6	BOP Mechanical			
7	BOP Electrical & C&I			
8	External Water Supply System			
9	External Coal Transportation System			
10	Rolling Stock & Locomotives			
11	Ash Disposal Plant and Equipment			
12	Initial Spares			
13	Civil Works			
14	Ash Disposal Area Development			
15	Township and Colony			
16	Temporary Construction and Enabling Works			
17	Erection Testing and Commissioning			
18	Procurement and Management Fee			
19	Installation and Engineering			
20	Establishment /Construction Supervision			
21	Operators Training			
22	Construction Insurance			
23	Tools and Plants			
24	Access and Diversion Road			
25	Startup Fuel			
26	Shared Facilities Cost			
27	Taxes and Duties			
28	Custom Duty			
29	Other Taxes and Duty			
30	Overheads			
31	Development Expenses			
32	Legal Fee			
33	Establishment			
34	Owners Engg. Expenses			
35	Pre-Operative Expenses			
36	Audit and Accounts			
37	Contingency			
38	Project Cost without IDC and FC			
39	IDC AND FC			
40	Initial Mandatory Spares			
41	Project Cost including IDC and FC		206.85	
42	Working Capital Margin			

Comments :

Project cost is as on 01.07.2002, the date of unbundling of DVB.

Licensee : GENCO(I.P.G.C.L)

RPH

FORM 6.3 Financial Package upto COD

(In Rs Cr)

S.No.	Details	Financial Package as Approved		Financial Package as on COD		
		Currency	Amount	Currency	Amount	Remarks
	From Holding Company					
1	HOLDING COMPANY			INR	89.33	
2	Loan II					
3	Loan III					
4	Total Loan		0.00		89.33	
5	Foreign Equity					
6	Domestic Equity			INR	59.56	
7	Govt Equity					
8	Other Equity					
9	Total Equity		0.00		59.56	
10	Total Loan And Equity		0.00		148.89	

Comments :

COD has been taken as date of unbundling of erstwhile DVB I.e. 01.07.2002

Licensee : GENCO(I.P.G.C.L)				
RPH				
FORM 6.4 Additional Capitalization & Financing after COD (In Rs Cr)				
S.NO.	Year (COD onwards)	Work/Equipment added after COD	Amount Capitalized	Remarks
	2003-04	Capital Spare	1.28	
		Capital Spare	4.35	
		Training Centre	0.09	

Comments :

[illegible]

Comments :

Licensee : GENCO(I.P.G.C.L)

RPH

Form 6.6 Yearly Statement of Depreciation (In Rs Cr)

SNO.	Depreciation Parameters	Previous Period 2004-05	Current Period 2005-06		Ensuing Period 2006-07	Remarks
			Actual	Estimated	Estimated	
1	Rate of Depreciation					
2	Accumulated Depreciation (A)	81.26	92.61	92.61	104.03	
3	Depreciation on Capital Cost (B)	11.35	5.64	11.27	11.74	
4	Amount of Addn Capitalization (C)	0.00	0.00	8.95	10.50	
5	Deprecation on Additional Capitalization (D)	0.00	0.00	0.15	0.28	
6	Amount of FERV on which Depreciation charged (E)					
7	Depreciation amount related to on FERV (F)					
8	Total Depreciation (B +D +F)	11.35	5.64	11.42	12.02	

Comments :

Licensee : GENCO(I.P.G.C.L)						
RPH						
FORM 6.7 Yearly Statement of Advance Against Depreciation (In Rs Cr)						
SNO.	Depreciation Parameters	Previous Period 2004-05	Current Period 2005-06		Ensuing Period 2006-07	Remarks
			Actual	Estimated	Estimated	
1	1/10 th of the Original Scheduled Loan(s) (A)	1.50	1.50	1.50	3.00	
2	Originally Scheduled Repayment of Loans (B)	1.00	0.50	1.00	6.95	
3	Min. of (A) and (B) (C)	1.00	0.50	1.00	3.00	
4	Total Depreciation during the year (From form 6.6) (D)	11.35	5.64	11.42	12.02	
5	Advance Against Depreciation (C) - (D)	0.00	0.00	0.00	0.00	

Comments :

FORM 6.8 Computation of Interest on Various Loans (In Rs Cr)

SNO.	Details	Previous Period 2004-05				Current Period 2005-06								Ensuing Period 2006-07				Remarks
						Actual				Estimated				Estimated				
		Loan From - GNCTD	Loan From - GNCTD	Loan From ... HOLDING COMPANY	REBATE FOR TIMELY PAYMENT	Loan From - GNCTD	Loan From - GNCTD	Loan From ... HOLDING COMPANY	REBATE FOR TIMELY PAYMENT	Loan From - GNCTD	Loan From - GNCTD	Loan From ... HOLDING COMPANY	REBATE FOR TIMELY PAYMENT	Loan From - GNCTD	Loan From - GNCTD	Loan From ... HOLDING COMPANY	REBATE FOR TIMELY PAYMENT	
1	Opening Balance (A)	14.25	0.25	89.33		13.27	0.23			13.27	0.23	89.33		27.29	0.21	89.33		
2	New Disbursement (New Loan added during the year) (B)	0.00	0.00			0.00	0.00			15.00	0.00			10.00	0.00	0.00		
3	Schedule Repayment Date																	
4	Scheduled Exchange Rate																	
5	Actual Repayment Date																	
6	Actual Exchange Rate																	
7	Repayment Amount (C)	0.98	0.02			0.48	0.02			0.98	0.02			1.98	0.01	4.96		
8	Closing Balance (A + B)	13.27	0.23	89.33	0.00	12.79	0.21	0.00	0.00	27.29	0.21	89.33	0.00	35.31	0.20	84.37	0.00	
9	Interest Paid/Payable	1.71	0.03		2.09	0.81	0.01		1.17	2.02	0.03		2.52	3.74	0.02	7.90	3.38	

Comments :

Rebate @1.5% on receivables for timely payment by DTL has been considered.

Licensee : GENCO(I.P.G.C.L)

RPH

Form 6.9 Yearly Statement of Interest on Working Capital (In Rs Cr)

SNO.	Details	Previous Period 2004-05	Current Period 2005-06		Ensuing Period 2006-07	Remarks
			Actual	Estimated	Estimated	
1	Fuel Cost - 1 Month					
2	Fuel Stock - 1/2 Month					
3	Oil Stock - 2 Months	1.08	1.80	1.41	1.59	
4	Coal Stock - 2 Months	17.98	13.95	14.87	21.93	
5	O & M Expenses - 1 Month	2.53	2.68	3.23	3.34	
6	Spares 1 year = 40 % of O & M Less 1/5 th of Initial Capitalized spares for first 5 years	12.14	12.88	15.50	16.01	
7	Receivables - 2 Months	23.17	26.03	27.99	37.57	
8	Total Working Capital (Rs. Cr.)	56.90	57.34	63.00	80.44	
9	Working Capital Loan allowed	56.90	28.67	63.00	80.44	
10	Weighted Average Interest Rate	10.75%	10.75%	10.75%	10.75%	
11	Interest on Working Capital (Rs. Cr.)	6.12	3.08	6.77	8.65	

SNO.	Source of Loan for Working Capital	Amount(Rs. Cr.)	Rate of Interest (Cash Credit) (%)	Remarks
1				
2				
3				
4				
5				
6	TOTAL	0.00		
7	Weighted Average Rate Of Interest		0.00%	

Comments :

Licensee : GENCO(I.P.G.C.L)						
RPH						
FORM 6.10 Yearly Details of O & M Expenses (In Rs Cr)						
S. No.	Details	Previous Period 2004-05	Current Period 2005-06		Ensuing Period 2006-07	Remarks
			Actual	Estimated	Estimated	
A	Breakup of O & M Expenses					
1	Employee Cost	12.87	6.28	14.67	15.35	
2	Repair and Maintenance	9.86	7.29	17.80	17.35	
3	Stores Consumed					
4	Water Charges					
5	Communication Expenses	0.10	0.07	0.13	0.14	
6	Travelling Expenses	0.05	0.01	0.05	0.05	
7	Insurance	0.24	0.19	0.60	0.82	
	Plant and Machinery	0.24	0.19	0.60	0.82	
	Other					
8	Rent					
9	Security Expenses	2.07	1.02	2.15	1.93	
10	Professional Expenses	0.04				
11	Printing and Stationary		0.01	0.02	0.02	
12	Corporate Office Expenses Allocation	4.16	1.19	3.20	4.21	
13	Other Expenses	0.96	0.04	0.12	0.15	
i	Other Expenses	0.96	0.04	0.12	0.15	
ii						
iii						
iv						
v						
14	Total (1 to 13)	30.35	16.10	38.74	40.02	
15	Less: Recovered (if any)					
16	Net Expenses (14 -15)	30.35	16.10	38.74	40.02	
17	Abnormal O & M Expenses (a+b)	0.00	0.00	0.00	0.00	
	(a) On Account of water charges					
	(b) On Account of other factors					
18	Base O & M Expenses (16 -17)	30.35	16.10	38.74	40.02	

B	Corporate Office Expenses (aggregate)					
1	Direct Employee Expenses	9.19	5.02	10.48	10.96	
2	Repair and Maintenance	1.54	0.91	1.75	1.80	
3	Training and Recruitment	0.45	0.27	0.50	0.50	
4	Communication	0.11	0.07	0.14	0.15	
5	Travelling	0.39	0.20	0.42	0.45	
6	Security	0.01	0.01	0.02	0.03	
7	Rent	0.01	0.02	0.02	0.03	
8	Others	8.12	1.53	5.09	5.39	
9	Total	19.82	8.03	18.42	19.31	
10	Less Claimed From PPCL					
11	Total IPGCL Share					

Comments :

Repair and Maintenance includes store & consumed.

Licensee : GENCO(I.P.G.C.L)						
RPH						
Form 6.11 Yearly Fixed Cost Calculation (In Rs Cr)						
S.NO.	Details	Previous Period 2004-05	Current Period 2005-06		Ensuing Period 2006-07	Remarks
			Actual	Estimated	Estimated	
1	Depreciation (From 6.6)	11.35	5.64	11.42	12.02	
2	Interest on Loan (From 6.8)	3.83	1.99	4.57	15.04	
3a	Return on Equity (%)	14.00%	14.00%	14.00%	14.00%	
3b	Return on Equity (Rs Cr)	8.34	4.17	8.34	8.34	
4	Advance against Depreciation (From 6.7)	0.00	0.00	0.00	0.00	
5	Interest on Working Capital (From 6.9)	6.12	3.08	6.77	8.65	
6	O & M Expenses (From 6.10)	30.35	16.10	38.74	40.02	
7	Fixed Fuel Charges					
8	Total Fixed Fuel cost	59.99	30.98	69.84	84.07	

Comments :

Licensee : GENCO(I.P.G.C.L)							
RPH							
Form 6.12 Yearly Fuel Cost Details (In Rs Cr)							
SNO.	Duration	Fuel (Oil /Gas /Naptha)	Opening Stock	Receipt	Consumption	Closing Stock	Remarks
1	2004-05 - COAL (MT)		49511	593340.71	598372.7		
	LDO (KL)		140.486	1589.54	1353.02		
	LSHS (MT)		1856.442	2684.671	3125.507		
2	2005-06 (APRIL-SEP-05) ACTUAL						
	COAL (MT)		44479	239142.62	224363.94		
	LDO(KL)		377.004	726.513	652.538		
	LSHS(MT)		1415.606	2949.666	2833.751		
3	2005-06 ESTIMATED						
	COAL (MT)		44479	478500	478500		
	LDO(KL)		377.004	1100	1100		
	LSHS(MT)		1415.606	3669	3669		
4	2006-07						
	COAL (MT)				672000		
	LDO(KL)				1200		
	LSHS(MT)				3000		

Comments :



Licensee : GENCO(I.P.G.C.L)						
RPH						
Form 6.13 A Yearly Variable Cost Calculation						
(Coal 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	135	135	135	135	
2	Gross Generation (A) (MU)	697.315	252.561	550	800	
3	Auxiliary Consumption (B) (MU)	90.129	37.986	77	100	
4	Normative Auxiliary Consumption %	12.93%	15.04%	14.00%	12.50%	
5	Net Generation (MU) (D) =(A) - (B)	607.186	214.575	473	700	
6	Coal Consumption (MT) (E)	598372.7	224364	460317	646464	
7	Cost per Ton of Coal (Rs / MT) (F)	1,802.56	1865	1938.67	2035.6	
8	Weighted Average GCV of Coal (KCal/Kg) (G)	3912	3846	3852	3852	
9	Secondary Oil Consumption (H)					
	LSHS(MT)	3125.507	2833.75	3669	3000	
	LDO(KL)	1353.02	652.538	1100	1200	
10	Cost of Secondary Oil (I)					
	LSHS(Rs / MT)	12637.95	13698.57	15300	19745	
	LDO(Rs / KL)	18698.91	23293.67	25750	30109	
11	Calorific Value of Oil (J)					
	LSHS(Kcal / Kg)	10350	10350	10350	10350	
	LDO(Kcal / Kg)	10580	10580	10580	10580	
12	Total Heat Input (Kcal X 10 ⁶) E*G + H*J (K)	2387497.95	899137.11	1822753.23	2533925.33	
13	Heat Rate Achieved in Kcal/KWh (L) (K/A)	3423.84	3560.08	3314.10	3167.41	
14	Approved Heat Rate in Kcal/KWh (M)					
15	Total Cost of Fuel (N=E*F + H*I) (in Rs Crores)	114.3402695	47.24571876	97.68634584	141.1307918	
16	Variable Cost in Rs./Kwh (N/D)	1.88	2.20	2.07	2.02	

Comments :



Licensee : GENCO(I.P.G.C.L)						
RPH						
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)			13		
2	Gross Generation (MU) (A)					
3	Auxiliary Consumption (MU) (B)					
4	Normative Auxiliary Consumption (C) %					
5	Net Generation (MU) (D) = (A) - (B)	0	0	0	0	
6a	Gas Consumption (E) MMSCM					
	Enter Details 1					
	Enter Details 2					
	Enter Details 3					
7a	Cost of Gas consumed per unit (F) Rs./MMSCM					
	Enter Details 1					
	Enter Details 2					
	Enter Details 3					
8a	Calorific Value of Gas (Kcal per unit)					
6b	Gas Consumption (G) MMBTU					
	Enter Details 1					
	Enter Details 2					
	Enter Details 3					
7b	Cost of Gas consumed per unit (H) Rs./MMBTU					
	Enter Details 1					
	Enter Details 2					
	Enter Details 3					
8b	Calorific Value of Gas (Kcal per unit)					
9	Secondary Oil consumption (KL) (I)					
10	Cost of Secondary Oil per KL (Rs.) (J)					
11	Calorific Value of Secondary Oil (Kcal per KL)					
12	Total Heat Input (Kcal X 10 ⁶)	0.00	0.00	0.00	0.00	
13	Heat Rate Achieved in Kcal/KWh	0.00	0.00	0.00	0.00	
14	Total Cost of Fuel (Rs. Cr.) (I=E*F+G*H+I*J)	0.00	0.00	0.00	0.00	
15	Variable Cost in Rs./KWh (I/D)	0.00	0.00	0.00	0.00	

Comments :

Licensee : GENCO(I.P.G.C.L)			
RPH			
FORM 6.14 Macro Economic Parameters			
S.NO.	Details	Previous Period 2004-05	Remarks
1	Exchange Rate with Dollar		
2	Exchange Rate with Euro		
3	Inflation		
4	Brent Crude Oil Price		
5	PLR (SBI)		
6	Bank Rate		
7	Effective Corporate Tax		
8	Industrial Growth Rate		
9	Service Sector Growth Rate		
10	Agricultural Growth Rate		
11	Delhi Population Growth Rate		
12	Dearness Allowance Rate		
13	Average Electricity Tariff		

Comments :

Licensee : GENCO(I.P.G.C.L)						
RPH						
Consolidated Data - Generation Tariff Calculation						
S.NO.	Details	Previous Period 2004-05	Current Period 2005-06		Ensuing Period 2006-07	Remarks
			Actual	Estimated	Estimated	
1	Gross Generation (MU)	697.315	252.561	550	800	
2	Auxiliary Consumption	90.129	37.986	77	100	
3	Net Generation (MU)	607.186	214.575	473	700	
4	Per Unit Fixed Cost (Rs. Per KWh)	0.99	1.44	1.48	1.20	
5	Per Unit Variable Cost (Rs. Per KWh)	1.88	2.20	2.07	2.02	
6	Generation Tariff (Rs. Per KWh)	2.87	3.65	3.54	3.22	
7 actual estimated		0	0	1	1	

Comments :

Sl. No. 7 seems to be wrongly written

2006-07	2007	GENCO	RPH				
	Form No	Yearly Statement of Depreciation	Previous Period 2004-05	Current Period 2005-06 (Actual)	Current Period 2005-06 (Estimated)	Current Period 2005-06 (Total)	Ensuing Period 2006-07
1	6.6	Rate of Depreciation	0.00%	0.00%	0.00%	0.00%	0.00%
2	6.6	Accumulated Depreciation (A)	81.26	92.61	92.61	185.22	104.03
3	6.6	Depreciation on Capital Cost (B)	11.35	5.64	11.27	16.91	11.74
4	6.6	Amount of Addn Capitalization (C)	0.00	0.00	8.95	8.95	10.50
5	6.6	Depreciation on Additional Capitalization (D)	0.00	0.00	0.15	0.15	0.28
6	6.6	Amount of FERV on which Depreciation charged (E)	0.00	0.00	0.00	0.00	0.00
7	6.6	Depreciation amount related to on FERV (F)	0.00	0.00	0.00	0.00	0.00
8	6.6	Total Depreciation (B +D +F)	11.35	5.64	11.42	17.06	12.02
9		Yearly Statement of Advance Against Depreciation					
10	6.7	1/10 th of the Original Scheduled Loan(s) (A)	1.50	1.50	1.50	3.00	3.00
11	6.7	Originally Scheduled Repayment of Loans (B)	1.00	0.50	1.00	1.50	6.95
12	6.7	Min. of (A) and (B) (C)	1.00	0.50	1.00	1.50	3.00
13	6.7	Total Depreciation during the year (From form 6.6) (D)	11.35	5.64	11.42	17.06	12.02
14	6.7	Advance Against Depreciation (C) - (D)	0.00	0.00	0.00	0.00	0.00
15		Computation of Interest on Various Loans					
16	6.8	Repayment Amount	1.00	0.50	1.00	1.50	6.95
17	6.8	Interest Paid/Payable	3.83	1.99	4.57	6.56	15.04
18		Yearly Statement of Interest on Working Capital					
19	6.9	Fuel Cost - 1 Month	0.00	0.00	0.00	0.00	0.00
20	6.9	Fuel Stock - 1/2 Month	0.00	0.00	0.00	0.00	0.00
21	6.9	Oil Stock - 2 Months	1.08	1.80	1.41	3.21	1.59
22	6.9	Coal Stock - 2 Months	17.98	13.95	14.87	28.82	21.93
23	6.9	O & M Expenses - 1 Month	2.53	2.68	3.23	5.91	3.34
24	6.9	Spares 1 year = 40 % of O & M Less 1/5 th of Initial Capitalized spares for first 5 years	12.14	12.88	15.50	28.38	16.01
25	6.9	Receivables - 2 Months	23.17	26.03	27.99	54.02	37.57
26	6.9	Total Working Capital (Rs. Cr.)	56.90	57.34	63.00	120.34	80.44
27	6.9	Working Capital Loan allowed	56.90	28.67	63.00	91.67	80.44
28	6.9	Weighted Average Interest Rate	0.11	0.11	0.11	0.22	0.11
29	6.9	Interest on Working Capital (Rs. Cr.)	6.12	3.08	6.77	9.85	8.65
30		Yearly Details of O & M Expenses					
31	6.10	Breakup of O & M Expenses	0.00	0.00	0.00	0.00	0.00
32	6.10	Employee Cost	12.87	6.28	14.67	20.95	15.35
33	6.10	Repair and Maintenance	9.86	7.29	17.80	25.09	17.35
34	6.10	Stores Consumed	0.00	0.00	0.00	0.00	0.00
35	6.10	Water Charges	0.00	0.00	0.00	0.00	0.00
36	6.10	Communication Expenses	0.10	0.07	0.13	0.20	0.14
37	6.10	Travelling Expenses	0.05	0.01	0.05	0.06	0.05
38	6.10	Insurance	0.24	0.19	0.60	0.79	0.82
39	6.10	Plant and Machinery	0.24	0.19	0.60	0.79	0.82
40	6.10	Other	0.00	0.00	0.00	0.00	0.00
41	6.10	Rent	0.00	0.00	0.00	0.00	0.00
42	6.10	Security Expenses	2.07	1.02	2.15	3.17	1.93
43	6.10	Professional Expenses	0.04	0.00	0.00	0.00	0.00
44	6.10	Printing and Stationary	0.00	0.01	0.02	0.03	0.02
45	6.10	Corporate Office Expenses Allocation	4.16	1.19	3.20	4.39	4.21
46	6.10	Other Expenses	0.96	0.04	0.12	0.16	0.15
47	6.10	Total (1 to 13)	30.35	16.10	38.74	54.84	40.02
48	6.10	Less: Recovered (if any)	0.00	0.00	0.00	0.00	0.00
49	6.10	Net Expenses (14 -15)	30.35	16.10	38.74	54.84	40.02
50	6.10	Abnormal O & M Expenses (a+b)	0.00	0.00	0.00	0.00	0.00
51	6.10	(a) On Account of water charges	0.00	0.00	0.00	0.00	0.00
52	6.10	(b) On Account of other factors	0.00	0.00	0.00	0.00	0.00
53	6.10	Base O & M Expenses (16 -17)	30.35	16.10	38.74	54.84	40.02
54	6.10	Corporate Office Expenses (aggregate)	0.00	0.00	0.00	0.00	0.00
55	6.10	Direct Employee Expenses	9.19	5.02	10.48	15.50	10.96
56	6.10	Repair and Maintenance	1.54	0.91	1.75	2.66	1.80
57	6.10	Training and Recruitment	0.45	0.27	0.50	0.77	0.50
58	6.10	Communication	0.11	0.07	0.14	0.21	0.15
59	6.10	Travelling	0.39	0.20	0.42	0.62	0.45
60	6.10	Security	0.01	0.01	0.02	0.03	0.03
61	6.10	Rent	0.01	0.02	0.02	0.04	0.03
62	6.10	Others	8.12	1.53	5.09	6.62	5.39
63	6.10	Total	19.82	8.03	18.42	26.45	19.31

64		Yearly Fixed Cost Calculation					
65	6.11	Depreciation (From 6.6)	11.35	5.64	11.42	17.06	12.02
66	6.11	Interest on Loan (From 6.8)	3.83	1.99	4.57	6.56	15.04
67	6.11	Return on Equity (%)	0.14	0.14	0.14	0.28	0.14
68	6.11	Return on Equity (Rs Cr)	8.34	4.17	8.34	12.51	8.34
69	6.11	Advance against Depreciation (From 6.7)	0.00	0.00	0.00	0.00	0.00
70	6.11	Interest on Working Capital (From 6.9)	6.12	3.08	6.77	9.85	8.65
71	6.11	O & M Expenses (From 6.10)	30.35	16.10	38.74	54.84	40.02
72	6.11	Fixed Fuel Charges	0.00	0.00	0.00	0.00	0.00
73	6.11	Total Fixed Fuel cost	59.99	30.98	69.84	100.82	84.07
74		Yearly Variable Cost Calculation (Coal as Fuel)					
75	6.13A	Unit Capacity	135.00	135.00	135.00	270.00	135.00
76	6.13A	Gross Generation (A) (MU)	697.32	252.56	550.00	802.56	800.00
77	6.13A	Auxiliary Consumption (B) (MU)	90.13	37.99	77.00	114.99	100.00
78	6.13A	Normative Auxiliary Consumption %	0.13	0.15	0.14	0.29	0.13
79	6.13A	Net Generation (MU) (D) = (A) - (B)	607.19	214.58	473.00	687.58	700.00
80	6.13A	Coal Consumption (MT) (E)	598372.70	224364.00	460317.00	684681.00	646464.00
81	6.13A	Cost per Ton of Coal (Rs / MT) (F)	1802.56	1865.00	1938.67	3803.67	2035.60
82	6.13A	Weighted Average GCV of Coal (KCal/Kg) (G)	3912.00	3846.00	3852.00	7698.00	3852.00
83	6.13A	Secondary Oil Consumption (H)	0.00	0.00	0.00	0.00	0.00
84	6.13A	LSHS(MT)	3125.51	2833.75	3669.00	6502.75	3000.00
85	6.13A	LDO(KL)	1353.02	652.54	1100.00	1752.54	1200.00
86	6.13A	Cost of Secondary Oil (I)	0.00	0.00	0.00	0.00	0.00
87	6.13A	LSHS(Rs / MT)	12637.95	13698.57	15300.00	28998.57	19745.00
88	6.13A	LDO(Rs / KL)	18698.91	23293.67	25750.00	49043.67	30109.00
89	6.13A	Calorific Value of Oil (J)	0.00	0.00	0.00	0.00	0.00
90	6.13A	LSHS(Kcal / Kg)	10350.00	10350.00	10350.00	20700.00	10350.00
91	6.13A	LDO(Kcal / Kg)	10580.00	10580.00	10580.00	21160.00	10580.00
92	6.13A	Total Heat Input (Kcal X 10 ⁶) E*G + H*J (K)	2387497.95	899137.11	1822753.23	2721890.34	2533925.33
93	6.13A	Heat Rate Achieved in Kcal/KWh (L) (K/A)	3423.84	3560.08	3314.10	6874.18	3167.41
94	6.13A	Approved Heat Rate in Kcal/KWh (M)	0.00	0.00	0.00	0.00	0.00
95	6.13A	Total Cost of Fuel (N=E*F + H*I) (in Rs Crores)	114.34	47.25	97.69	144.93	141.13
96	6.13A	Variable Cost in Rs./Kwh (N/D)	1.88	2.20	2.07	4.27	2.02
97		Yearly Variable Cost Calculation (Gas as Fuel)					
98	6.13B	Unit Capacity (MW)	0.00	0.00	13.00	13.00	0.00
99	6.13B	Gross Generation (MU) (A)	0.00	0.00	0.00	0.00	0.00
100	6.13B	Auxiliary Consumption (MU) (B)	0.00	0.00	0.00	0.00	0.00
101	6.13B	Normative Auxiliary Consumption (C) %	0.00	0.00	0.00	0.00	0.00
102	6.13B	Net Generation (MU) (D) = (A) - (B)	0.00	0.00	0.00	0.00	0.00
103	6.13B	Gas Consumption (E) MMSM	0.00	0.00	0.00	0.00	0.00
104	6.13B	Enter Details 1	0.00	0.00	0.00	0.00	0.00
105	6.13B	Enter Details 2	0.00	0.00	0.00	0.00	0.00
106	6.13B	Enter Details 3	0.00	0.00	0.00	0.00	0.00
107	6.13B	Cost of Gas consumed per unit (F) Rs./MMSM	0.00	0.00	0.00	0.00	0.00
108	6.13B	Enter Details 1	0.00	0.00	0.00	0.00	0.00
109	6.13B	Enter Details 2	0.00	0.00	0.00	0.00	0.00
110	6.13B	Enter Details 3	0.00	0.00	0.00	0.00	0.00
111	6.13B	Calorific Value of Gas (Kcal per unit)	0.00	0.00	0.00	0.00	0.00
112	6.13B	0	0.00	0.00	0.00	0.00	0.00
113	6.13B	0	0.00	0.00	0.00	0.00	0.00
114	6.13B	0	0.00	0.00	0.00	0.00	0.00
115	6.13B	Gas Consumption (G) MMBTU	0.00	0.00	0.00	0.00	0.00
116	6.13B	Enter Details 1	0.00	0.00	0.00	0.00	0.00
117	6.13B	Enter Details 2	0.00	0.00	0.00	0.00	0.00
118	6.13B	Enter Details 3	0.00	0.00	0.00	0.00	0.00
119	6.13B	Cost of Gas consumed per unit (H) Rs./MMBTU	0.00	0.00	0.00	0.00	0.00
120	6.13B	Enter Details 1	0.00	0.00	0.00	0.00	0.00
121	6.13B	Enter Details 2	0.00	0.00	0.00	0.00	0.00
122	6.13B	Enter Details 3	0.00	0.00	0.00	0.00	0.00
123	6.13B	Calorific Value of Gas (Kcal per unit)	0.00	0.00	0.00	0.00	0.00
124	6.13B	0	0.00	0.00	0.00	0.00	0.00
125	6.13B	0	0.00	0.00	0.00	0.00	0.00
126	6.13B	0	0.00	0.00	0.00	0.00	0.00
127	6.13B	Secondary Oil consumption (KL) (I)	0.00	0.00	0.00	0.00	0.00
128	6.13B	Cost of Secondary Oil per KL (Rs.) (J)	0.00	0.00	0.00	0.00	0.00
129	6.13B	Calorific Value of Secondary Oil (Kcal per KL)	0.00	0.00	0.00	0.00	0.00
130	6.13B	Total Heat Input (Kcal X 10 ⁶)	0.00	0.00	0.00	0.00	0.00
131	6.13B	Heat Rate Achieved in Kcal/KWh	0.00	0.00	0.00	0.00	0.00
132	6.13B	Total Cost of Fuel (Rs. Cr.) (L=E*F+G*H+I*J)	0.00	0.00	0.00	0.00	0.00
133	6.13B	Variable Cost in Rs./KWh (I/D)	0.00	0.00	0.00	0.00	0.00
134		Tariff Calculation - Consolidated Sheet					
135	Consolidate	Gross Generation (MU)	697.32	252.56	550.00	802.56	800.00
136	Consolidate	Auxiliary Consumption	90.13	37.99	77.00	114.99	100.00
137	Consolidate	Net Generation (MU)	607.19	214.58	473.00	687.58	700.00
138	Consolidate	Per Unit Fixed Cost (Rs. Per KWh)	0.99	1.44	1.48	2.92	1.20
139	Consolidate	Per Unit Variable Cost (Rs. Per KWh)	1.88	2.20	2.07	4.27	2.02
140	Consolidate	Generation Tariff (Rs. Per KWh)	2.87	3.65	3.54	7.19	3.22
		actualestimated	0.00	0.00	1.00	0.00	1.00

Licensee : GENCO(I.P.G.C.L)						
All station						
Form 6.15 Generation Tariff Calculation						
S.NO.	Details	Previous Period 2004-05	Current Period 2005-06		Ensuing Period 2006-07	Remarks
			Actual	Estimated	Estimated	
1	Gross Generation (MU)	3157.784	1583.834	3150	3200	
2	Auxiliary Consumption	266.218	135.712	269.15	268.5	
3	Net Generation (MU)	2891.566	1448.122	2880.85	2931.5	
4	Per Unit Fixed Cost (Rs. Per KWh)	0.76	0.77	0.93	0.98	
5	Per Unit Variable Cost (Rs. Per KWh)	1.70	1.96	1.91	1.98	
6	Generation Tariff (Rs. Per KWh)	2.46	2.72	2.84	2.96	

7 actual

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Comments :