Annexure-A

Form No. 1: Thermal

Name of Utility: RATNAGIRI GAS AND POWER PVT LIMITED
Name of Plant: RATNAGIRI GAS POWER STATION
Stage: STAGE-I

S. No	Particulars	Unit	Previous Year	Current Year (Apr-Sep)	Current Year (Oct-Mar)	Ensuing Year
			2009-10	2010-11		2011-12
1a	Actual/Expected Availability	%	48.49	66.92	64.70	80.00
1b	Actual/Expected Auxilary Energy Consumption	%	2.20	1.42	3.00	3.00
2a	Actual/Expected recovery of Capacity Charge including incentive	Rs Cr	1815.50	1113.22	973.94	1977.90
2b	Actual/Expected recovery of Return on Equity	Rs Cr	297.11	157.02	151.52	313.59
2c	Actual/Expected recovery of Incentive	Rs Cr	nil	nil	nil	nil
3	Actual/Expected Scheduled generation	MU	8104.92	5607.96	5392.04	13188.00
4	Actual/Expected energy rate from Coal/Lignite/APM gas/R-LNG/Liquid fuel as applicable	Paise / kWh	2.37	2.16	2.16	2.16
5a	Actual/Expected recovery of Energy Charges	Rs Cr	1918.80	1174.45	1164.68	2848.61
5b	Actual/Expected Fuel Price considered	Rs/mmbtu	307.07	284.59	284.59	284.59
6a	Actual UI generation	MU	N/A	N/A	N/A	N/A
6b	Actual UI rate	kWh				
6c	Actual revenue from UI	Rs Cr				

Note : 1. Current Year (April-September) data at S.No.2a & 5a includes prior period (2009-10) adjustments.
2. RoE figures at S.No.2b are as per CERC tariff order dated 18.08.2010.

Technical Details to be filed by the generating companies in compliance of Sub Section (3) of Section 10 of the ELECTRICITY ACT,2003

Gas/Liquid Generating Stations

1	Name of generating station	Ratnagiri Gas and Power Station
2	Location (District and State) of the generating Station	P.O.- Anjanwel, Taluka-Guhagar, Distt.- Ratnagiri, Maharashtra
3	Fuel Type	Gas/Liquid Fuel
4	Installed Capacity	
(i)	BLOCK#1	640 MW
(ii)	BLOCK#2	663.54 MW
(iii)	BLOCK#3	663.54 MW
(iv)	**TOTAL**	**1967.08 MW**
5	Actual date of commercial operation	
(i)	BLOCK#1	19.05.2009
(ii)	BLOCK#2	01.09.2007
(iii)	BLOCK#3	21.11.2007
6	Details of tied up beneficiaries alongwith percentage share with reference to the installed capacity for each beneficiary.	
(i)	Beneficiary - 1 - MSEDCL	95%
(ii)	Beneficiary - 2 - ED-DNH	2%
(iii)	Beneficiary - 3 - ED-DD	2%
(iv)	Beneficiary - 4 - ED of GOA	1%
7	Associated Transmission System of evacuation arrangement	400KV DC Dabhol-New Koyna 400KV DC Dabhol-Nagothane
8	Name of Manufacturer	
(i)	Gas Turbine	GE USA
(ii)	Steam Turbine	GE USA
(iii)	Heat Recovery Steam Generator(HRSG)	HENRY VOGT-Phase-I (Block#1) KAWASAKI, JAPAN-Phase-II (Block#2,3)
(iv)	Generator	GE USA
9	Main Fuel and Source	Indigenous
(i)	Linked Source	KG Basin - D6/ ONGC 'C' Series
(ii)	Mode of Transport	Pipe Line
10	Gross Calorific Value (GCV) of fuel used	9268.51 Kcal/Scm
11	(i) Alternate Fuel (Specify)	NA
	(ii) GCV of Alternate Fuel	NA
12	Rated Gas Pressure at inlet to Gas Turbine	35 kg/cm^2
13	Rated Temperature at Inlet to Gas Turbine (TIT)	1280°C - Phase-I - Block# I 1320°C - Phase - II - Block# 2 ,3
14	Rated Steam Pressure at Inlet to Steam Turbine	95 Kg/cm^2 - Block# I 104 Kg/cm^2 - Block# 2 ,3
15	Rated Steam Temperature at Inlet to Steam Turbine	540°C - Block# I 565°C - Block # 2 ,3

16	Source of Cooling Water	Sea
17	Type of Water Cooling Cycle Used	Closed Cycle
18	Type of Cooling Tower	Induced Draft
19	Guaranteed Gross Station Heat Rate	NA
(i)	Combined Cycle Mode	NA
(ii)	Open Cycle Mode	NA
20	Reference Condition for Guaranteed Gross Station Heat Rate	NA
(i)	Make UP	NA
(ii)	MCR	NA
(iii)	Design Inlet Cooling Water Temperature	NA
(iv)	Ambient Air Temperature	NA
(v)	Ambient Air Pressure	NA
(vi)	Relative Humidity	NA
21	Specified Site Ambient Air Conditions	
(i)	Temperature	28°C
(ii)	Pressure	1.02156 Kg/cm^2
(iii)	Humidity	60%