

FORMAT FOR FURNISHING MONTHLY HEAT RATE DATA BY GAS TURBINE THERMAL POWER STATIONS

- i) Name of Station:
 ii) Station Capacity:
 iii) No. of Units with size:
 iv) Design Parameters for Gas Turbine Thermal Power Stations:

No. of Modules	Module capacity (MW)	Date of Commissioning	Make		Module Heat Rate (kcal/kWh)	Weighted Design Station Heat Rate w.r.t. capacity (kcal/kWh)
			GT	ST		
-(1)-	-(2)-	-(3)-	-(4)-	-(5)-	-(6)-	-(7)-
Module- 1						
Module- 2						

Module- n						
Station						

- v) Operating Performance Data for Gas Turbine Thermal Power Stations for the Year: _____

Month	Liquid Fuel Stocks in the beginning of the month (kl)	Liquid Fuel Stocks at the end of the month (kl)	Liquid Fuel received during the month (kl)	Total Liquid Fuel consumption during the month [(2)+(4)-(3)] (kl)	Generation during the month (GWh)	Average GCV of Liquid Fuel (kcal/l)	Specific Liquid Fuel Consumption (5)/[(6) *1000] (l/kWh)	Gas Consumption at S.T.P. (M cu.m)	Specific Gas Consumption (9)/(6) (cu.m/kWh)	Average GCV of Gas at STP (kcal/cu.m)	Actual Station Heat Rate (7)*(8)+(10)*(11) (kcal/kWh)
-(1)-	-(2)-	-(3)-	-(4)-	-(5)-	-(6)-	-(7)-	-(8)-	-(9)-	-(10)-	-(11)-	-(12)-
April											
May											
June											
July											
August											
September											
October											
November											
December											
January											
February											
March											
Total/Weighted average											

Date:

Signature with Name & Designation of forwarding Officer

Annexure - II (GTs)

**FORMAT FOR FURNISHING MONTHLY AUXILIARY POWER CONSUMPTION DATA BY
GAS TURBINE THERMAL POWER STATIONS**

- i) Name of Station:
ii) Station Capacity:
iii) No. of Units with size:
iv) Type of Cooling Water System (Once Through or Cooling Tower) :
v) Auxiliary Power Consumption Data for Gas Turbine Thermal Power Stations for the year : _____

S. No.	Month	Energy Generated during the month	Energy Sent out during the month	Auxiliary Power consumption of the Plant [(3)- (4)]	Auxiliary Power consumption [(5)*100/(3)]
		(GWh)	(GWh)	(GWh)	(%)
-(1)-	-(2)-	-(3)-	-(4)-	-(5)-	-(6)-
1	April				
2	May				
3	June				
4	July				
5	August				
6	September				
7	October				
8	November				
9	December				
10	January				
11	February				
12	March				
	Total/Weighted average				

Date:

Signature with Name & Designation of forwarding Officer

FORMAT FOR FURNISHING MONTHLY PEAK HOURS GENERATION DATA BY GAS TURBINE THERMAL POWER STATIONS

- i) Name of Station:
- ii) Station Capacity:
- iii) No. of Units with size:
- iv) Duration of Peak Hours:

Morning Peak 4 Hrs:

Summer: 5 Hrs to 9 Hrs

Winter : 6 Hrs to 10 Hrs

Evening Peak 4 Hrs:

Summer: 18 Hrs to 22 Hrs

Winter : 17 Hrs to 21 Hrs

v) Peak Hours Generation Data for Gas Turbine Thermal Power Stations for the year : _____

S. No	Month	Energy recorded during morning peak 4 hours block	Energy recorded during evening peak 4 hours block	Total energy recorded during peak hours [(3) + (4)]
		(GWh)	(GWh)	(GWh)
-(1)-	-(2)-	-(3)-	-(4)-	-(5)-
1	April			
2	May			
3	June			
4	July			
5	August			
6	September			
7	October			
8	November			
9	December			
10	January			
11	February			
12	March			
	Total			

Note: A copy of the meter print out covering details of energy meter readings on half hour/ fifteen minutes basis for the morning & evening peak hours must be enclosed failing which data would be considered as incomplete.

Date:

Signature with Name & Designation of forwarding Officer