

Format No - 22 Page1 /2  
Periodicity-Daily  
Submission by 1030 hrs.

**Daily Operational Data of Thermal Power Stations and Nuclear Power Stations  
( Generation and Outage data)**

Generation data for the date:

Name of the organisation:

**(A) UNIT WISE GENERATION**

Name Of Station	Unit No.	Unit Capacity in MW	Gross Energy Generated during the day in MkWh	Peak load during the day (MW)	Remarks, if any
Station 1					
Station 2					
<b>Data for newly commissioned units ( if any) *</b>					

**(B) UNIT WISE OUTAGES ( Planned/Forced)**

**(i) Details of Units remained out of bars & Units tripped/ taken out of the bar during the day**

Name Of Station	Unit No.	Outage Date & Time	Expected date of return	Outage Reason(s)	Reason(s) of extended outage, if any	Remarks
<u>Planned outage</u>						
<u>Forced outage</u>						

**(ii) Details of Units revived during the day**

Name Of Station	Unit No.	Outage Date & Time	Synchronization Date & Time	Outage Duration in Hours	Outage Reason(s)	Generation Loss MkWh
<u>Planned outage</u>						
<u>Forced outage</u>						

**(C) UNIT WISE PARTIAL ENERGY LOSS DATA (DAY WISE IN MkwH)**

Name Of Station	Unit No.	Unit Capacity in MW	Energy Loss due to fuel shortage	Energy Loss due to low system Demand	Energy Loss due to system constraints	Energy Loss due to Equipment Problems	Remarks, if any
Station 1							
Station 2							

**(D) ADDITIONAL INFORMATION IN BRIEF, IF ANY**

$$\text{Partial loss in MkwH} = (Cr_1 \times Hr_1 + Cr_2 \times Hr_2 + \dots + Cr_n \times Hr_n) / 1000$$

Where  $Cr_1, \dots, Cr_n$  are "the reduction in the output of the operating units in MW due to constraints in Auxiliaries/equipments or any other causes." and  $Hr_1, \dots, Hr_n$  are the duration in hours of operation of the units at reduced output during the period considered (day or month).

**NOTE:** (I) Following categories of capacities of units/stations are monitored:

- a. Thermal (Steam) units having station capacity of more than 20 MW.
- b. All gas/diesel units supplying committed power to grid.
- c. Hydro stations having capacity of 2 MW and above.

(II) Wherever actual auxiliary consumption is not being metered, proportionate auxiliary consumption may be furnished.

(III) \*From the date of synchronisation to the date of commercial operation