

Format : 24 Page 1/2
 Periodicity-Monthly
 Submission by-7th day

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

Data for the Month:

Name of the organization:

(A) UNIT WISE GENERATION, UNIT AUX. & STATION AUX. POWER CONSUMPTION

| Name Of Station | Unit No. | Unit Capacity in MW | Gross Energy generated during the Month in MkWh | Unit Aux. Consumption in MkWh | Station Aux. Consumption in MkWh | Unit Peak Load during the month (MW) | Station Peak Load during the month (MW) |
|--|----------|---------------------|---|-------------------------------|----------------------------------|--|---|
| Station 1 | | | | | | | |
| Station 2 | | | | | | | |
| Data for newly commissioned units (if any)* | | | | | | | |
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(B) UNIT WISE OUTAGES (Planned/Forced)

(i) Details of Units remained out of bars & Units tripped/ taken out of the bars during the Month

| Name Of Station | Unit No. | Tripping 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> | | | | | | |
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(ii) Details of Units revived during the month

| Name Of Station | Unit No. | Tripping Date & Time | Synchronization Date & Time | Outage Duration in Hours- Minutes | Outage Reason (s) | Generation Loss in MkWhs |
|-----------------------|----------|----------------------|-----------------------------|-----------------------------------|-------------------|--------------------------|
| <u>Planned outage</u> | | | | | | |
| | | | | | | |
| | | | | | | |
| <u>Forced outage</u> | | | | | | |
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(C) UNIT WISE PARTIAL ENERGY LOSS DATA (DAY WISE IN MkWh)

| Name Of Station | Unit No. | Unit Capacity in MW | Reason(s) for partial energy loss | Generation loss (MkWh) | Remarks, if any |
|-----------------|----------|---------------------|-----------------------------------|------------------------|-----------------|
| Station 1 | | | | | |
| Station 2 | | | | | |
| | | | | | |

(D) ADDITIONAL INFORMATION IN BRIEF, IF ANY

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

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:

- Thermal (Steam) units having station capacity of more than 20 MW.
- All gas/diesel units supplying committed power to grid.
- 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