

Note on

System Overview, Under frequency operation, feeders opening from EHV s/s for additional load relief in Maharashtra system for the month of December -2012

The overview of Maharashtra system operation for the month December - 2012 with respect to availability and shortfall is elaborated as under.

The details of power supply position for MSEDCL are given below.

- Average monthly availability for MSEDCL
 - a) MSPGCL thermal - 4907 MW
 - b) MSPGCL gas - 358 MW
 - c) Central sector(ISGS) - 4715 MW
(Incl. RGPPL)
- Total non- peak availability - 9980 MW

The availability from dedicated sources including all hydro gen, in evening peak hours was about 10800 MW.

- The MSEDCL *maximum evening* peak demand recorded as 13807 MW (inclusive of planned load relief was 573 MW) on 08/12/2012.
- The MSEDCL *minimum evening* peak demand recorded as 12374 MW (inclusive of planned load relief was 408 MW) on 28/12/2012.
- The MSEDCL *Morning maximum and minimum* peak recorded as 14885 MW (incl. PLR of 686 MW) on 06/12/2012 and 13878 MW (PLR –591) on 28/12/2012 respectively.

Feeder wise planned load shedding program is implemented wef. 22/08/2012 by MSEDCL as per letter dated 14/08/2012. *The Hourly load relief quantum is submitted at the end of the day, daily, by LM cell of MSEDCL, Kalwa*

- Planned load shedding for load relief is carried out in MSEDCL area to mitigate the availability in real time. In addition, AG-LM load management scheme is in force for defined hours, as per the load shedding circular.
 - There was no distress load shedding due to short fall of supply during the month.
 - *MSPGCL* Thermal availability was as low as 4292 MW (average/day) on 23/12/2012.
 - 7.270 TMC of Koyna water was utilized and average wind generation was 179 MW/hour.
 - The average grid frequency for the month was 49.99 Hz.
 - There was no instance of under frequency operation during the month.
 - There was no planned load shedding in Mumbai area (i.e. BEST, R-Infra-D, and TPC-D) during the month.
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