

Note on

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

The overview of Maharashtra system operation for the month November - 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 - 4730 MW
 - b) MSPGCL gas - 335 MW
 - c) Central sector(ISGS) - 4180 MW
(Incl. RGPPL)
- Total non- peak availability - 9245 MW

The availability from dedicated sources including all hydro gen, in evening peak hours was about 10500 MW.

- - The MSEDCL *maximum evening* peak demand recorded as 13779 MW (inclusive of planned load relief was 518 MW) on 07/11/2012.
 - The MSEDCL *minimum evening* peak demand recorded as 11848 MW (inclusive of planned load relief was 51 MW) on 16/11/2012.
 - The MSEDCL *Morning maximum and minimum* peak recorded as 14750 MW (incl. PLR of 826 MW) on 28/11/2012 and 12258 MW (PLR –nil) on 13/11/2012 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 4129 MW (average/day) on 19/11/2012.
 - 4.032 TMC of Koyna water was utilized and average wind generation was 132 MW/hour.
 - The average grid frequency for the month was 50.01 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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