

AGENDA FOR 178th OCC MEETING

1. **Ensuring reliable power supply and redundancy of power connected to oxygen plants and sharing details of oxygen plants in each State.**

As the nation is going through the second wave of Coronavirus pandemic, it is essential to ensure 24X7 supply of oxygen to medical facilities. Hence, the power supplies to the oxygen manufacturing plants needs to be reliable and continuously monitored and strengthened. It has been observed that the interruption in power supply to the oxygen plants, even for a minute, has been resulting in disruption of oxygen production for long duration. Also, it is necessary to ensure redundancy of each feeder connected to the oxygen plants to provide un-interrupted power supply.

Since, the power supply to these plants are either through 132kV or 33 kV or 11 kV feeders and thus embedded within the state power system. Head of all Transmission Utilities and State Load DespatchCentresare requested to ensure reliable power supply to the oxygen plants with continuous monitoring, analysis and reporting with continued co-operation and suggestions. Also, analysis of tripping of some of the events has revealed that there are protection setting issues at sub-station and/or oxygen plant level.

Therefore, following are requested:

- a. Details of each oxygen plant be collected by SLDCs. NERLDC/NERPC has already circulated the format, however the details have not been received from Meghalaya, Tripura, Mizoram, Nagaland and Arunachal Pradesh.
- b. Detailed analysis of each and every interruption at these plants be carried out on same day and report be sent to DISCOM and oxygen plant for corrective actions. A copy of the report may please be sent to RLDC/RPC as well.
- c. Network having impact on power supply to these plants shall be monitored and shutdowns to these network elements to be avoided during current time unless and until absolute necessary. Even if shutdowns are allowed, the reliability of supply to be ensured through other network reconfigurations.
- d. Frequent patrolling and proper vegetation management to avoid supply interruption due to jumper cuts.
- e. Any breakdown in these networks shall be attended on priority basis.

2. **Non-closure of Circuit Breaker at Mustem end for 132 kV Khliehriat-Mustem line**

132 kV Khliehriat-Mustem S/C line had tripped on 2nd, 3rd May'21 and was restored by charging the line bypassing the CB at Mustem end due to non-closure issue of the CB as a temporary measure. Also, 132 kV Mustem-Khliehriat S/C and 132 kV Nehu-Mawlyndep S/C lines tripped on 12th May'21 leading to grid disturbance with a load loss of 26 MW at Mustem and Mawlyndep S/S and yet again the 132 kV Khliehriat- Mustem line was charged bypassing the CB at Mustem end.

MePTCL to expedite the rectification of faulty Circuit Breaker at the earliest for reliable operation & provide the schedule for rectification.