

ERCOT Energy Emergency Alert (EEA) Communications

| Emergency Levels* | Trigger | Grid Operators' Actions | Automated Emergency Notifications | Communications from External Affairs | Media/Public Notifications |
|--|--|--|--|--|---|
| Normal Conditions | Reserves >3,000 MW | Normal operations | None | None | None |
| Control Room Operating Condition Notice (OCN) | Need for additional resources | Issue "OCN" to Market Participants via hotline and Notice Builder | None | Provide update to PUC | None |
| Conservation Alert | As needed, to encourage conservation when tight operating reserves are expected to pose a reliability concern | Monitor need for additional generation and voluntary demand response resources | None | Provide update to PUC, Legislative leadership staff, Texas RE and OPUC; coordinate public notification with PUC staff; notify media and Market Participant communicators | Grid Conditions update on ercot.com; social media posts; update app status; send news release (discretionary) |
| Control Room Advisory | Reserves <3,000 MW and not expected to recover within 30 minutes | Issue "Advisory" to Market Participants via hotline and Notice Builder | None | Provide update to PUC | None |
| Control Room Watch | Reserves <2,500 MW and not expected to recover within 30 minutes | Issue "Watch" to Market Participants via hotline and Notice Builder. Release available non-spinning reserves (available within 30 minutes). | ENS notification to SOC, PUC staff, IMM and Texas RE | Provide update to SOC, PUC, OPUC, RRC, TCEQ, ERCOT Board, Legislative leadership staff, IMM, Texas RE and Market Participant communicators | Consider conservation alert to support grid reliability |
| EEA 1 – Conservation Needed | Reserves <2,300 MW and not expected to recover within 30 minutes | Issue "EEA 1" to Market Participants via hotline and Notice Builder. Bring any additional generation online; release Responsive Reserves provided by generation if not already in use; import power across the DC-Ties and request switchable generation if available; implement Emergency Response Service (ERS).** | Same as above, plus OPUC, Legislative leadership staff, ERCOT Board and Market Participant communicators | Same as above, plus provide update to EmergencyAlerts, News_Bulletins and News_Media_Only mailing lists*** | Consider conservation alert to support grid reliability. If needed, Grid Conditions update on ercot.com; social media posts; update app status; send news release (discretionary) |
| EEA 2 – Conservation Critical | Physical Responsive Capability (PRC) <1,750 MW and not expected to recover within 30 minutes or frequency is below 59.91 HZ for 15 minutes | Issue "EEA 2" to Market Participants via hotline and Notice Builder. Deploy remaining ERS**; deploy Load Resources provided by large industrial customers; request TDSP demand response programs and voltage reduction. Begin Block Load Transfers of load to other grids if appropriate. | Same as above | Same as above | Send conservation alert. Grid Conditions update on ercot.com; social media posts; update app status; send news release (discretionary) |
| EEA 3 – Rotating Outages in Progress | PRC <1,000 MW and not expected to recover within 30 minutes or frequency is below 59.91 Hz for 30 minutes | Issue "EEA 3 – Rotating Outages" to Market Participants via hotline and Notice Builder. Instruct transmission operators to implement rotating outages; areas affected are at the discretion of the utilities. | Same as above | Same as above | Same as above, plus activate Call Center as needed |

*Depending upon overall system conditions, ERCOT Operations may exercise some discretion regarding emergency levels and specific actions, based upon these guidelines.

**Emergency Response Service (ERS) may include 10-minute, 30-minute and weather-sensitive demand response resources.

***Sign up for EmergencyAlerts and News_Bulletins email lists at <http://lists.ercot.com>.