

## ERCOT Energy Emergency Alert (EEA) Communications

Emergency Levels*	Trigger	Grid Operators' Actions	Automated Emergency Notifications	Communications from External Affairs	Media/Public Notifications
<b>Normal Conditions</b>	<b>Reserves &gt;3,000 MW</b>	Normal operations	None	None	None
<b>Control Room Operating Condition Notice (OCN)</b>	Need for additional resources	Issue "OCN" to Market Participants via hotline and Notice Builder.	None	Provide update to PUC and Texas RE.	None
<b>Conservation Alert</b>	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 <a href="http://ercot.com">ercot.com</a> ; social media posts; update app status; send news release
<b>Control Room Advisory</b>	<b>Reserves &lt;3,000 MW and not expected to recover within 30 minutes</b>	Issue "Advisory" to Market Participants via hotline and Notice Builder.	None	Provide update to PUC and Texas RE.	None
<b>Control Room Watch</b>	<b>Reserves &lt;2,500 MW and not expected to recover within 30 minutes</b>	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.
<b>EEA 1 – Conservation Needed</b>	<b>Reserves &lt;2,300 MW and not expected to recover within 30 minutes</b>	Issue "EEA 1" to Market Participants via hotline and Notice Builder. Use additional capacity available from other grids (via DC Ties; 500 MW on average) and commit all available units; implement Emergency Response Service (ERS)** resources and TDSP Load Management programs if needed. Deploy Responsive Reserves if PRC is <2,000 MW.	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***	Grid Conditions update on <a href="http://ercot.com">ercot.com</a> ; social media posts; update app status; send news release
<b>EEA 2 – Conservation Critical</b>	<b>Physical Responsive Capability (PRC) &lt;1,750 MW and not expected to recover within 30 minutes or frequency is below 59.91 HZ for 15 minutes</b>	Issue "EEA 2" to Market Participants via hotline and Notice Builder. Deploy demand response resources: Load Resources under contract (typically ~1,150 MW) and/or remaining ERS** (currently 1,000 MW on peak), in either order. Begin block load transfers of load to other grids if appropriate.	Same as above	Same as above	Same as above
<b>EEA 3 – Rotating Outages in Progress</b>	<b>PRC &lt;1,000 MW and not expected to recover within 30 minutes or frequency is below 59.91 Hz for 30 minutes</b>	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>.