**ERCOT Energy Management Systems Task Force (EMSTF)**

**Scope**

The Energy Management Systems Task Force (EMSTF) reports to the Operations Working Group (OWG) and is responsible for information sharing, reviewing, analyzing, and developing best practices for Energy Management Systems (EMS) in the ERCOT Region. The EMSTF will report its activities to the OWG on a regular basis or as otherwise directed by OWG.

The EMSTF is responsible for coordinating with ERCOT and other working groups or task force as appropriate to identify and recommend measures to support the EMS related Protocols, Operating Guides, Other Binding Documents, NERC Reliability Standards and performance criteria.

Membership shall consist of EMS representatives from Qualified Scheduling Entities (QSEs) and Transmission and Distribution Service Provides (TDSPs) that own and operate Energy Management Systems to monitor, control and dispatch. Representation by ERCOT and the Texas Reliability Entity (Texas RE) is required. Public Utility Commission of Texas (PUCT), NERC and any other appropriate governing agency may be represented.

Any prospective member must sign the appropriate ERCOT Non-Disclosure Agreement (NDA) and receive approval from ERCOT. To facilitate this process, you may email the ERCOT Legal department at NDA@ercot.com. Any prospective member must also agree to the terms of the Antitrust Admonition.

Management of the membership list shall be the responsibility of ERCOT and coordinated with the EMSTF chair. Once approved, members shall be permitted access to the email distribution list, appropriate ERCOT Secure Documents Library, and to attend EMSTF meetings. The OWG Chair, with OWG approval, affirms the EMSTF designee for chair and vice chair.

Functions of the EMSTF are assigned by ROS and include:

* Identify and share best practices in different areas of EMS like Software, Hardware, Networking, Change Management, Maintenance and support etc.
* Provide a forum to share experiences with EMS changes such as upgrades, cutover experiences and cyber security practices
* Provide communications regarding accomplishments, status and issues.
* Review NERC EMSTF published EMS events and lessons learned
* Evaluate strategies for improving EMS reliability
* Evaluate new technologies and programs that can impact EMS performance
* Review and analyze ERCOT Region EMS events and identify lessons learned
* Complete assignments and coordinate with other groups as directed by OWG
* Review Standards, Protocols, Operating Guides, and other documents relating to EMS
* Host periodic regional EMS support workshops and assist with NERC EMS workshops

When consensus cannot be achieved on an issue, it is presented to the OWG for disposition.

The chair of the EMSTF schedules meetings as required to discharge its responsibilities.