**Electric Reliability Council of Texas, Inc.**

**Technology Working Group (TWG)**

**Purpose**

The Technology Working Group (TWG) is a discussion forum for information sharing, reviewing, analyzing, developing best practices, and enhancing information and operational technology systems and software applications used by the Market Participants and ERCOT to interact with each other. This bimonthly (once every two months) forum for Market Participants and vendors provides opportunity for discussion and feedback, which ERCOT can consider in the development of prioritized technology implementation roadmaps. The group covers technical topics, including process and IT/OT technology design, implementation, and evolution of the technologies, and identifies and evaluates resolutions for technical risks and issues.

**Leadership**

ERCOT shall provide a Chair and TWG members shall select a Vice-Chair to serve for a calendar year term. The Chair shall represent the TWG should reporting to any official entity become necessary. The Vice-Chair shall act as Chair at TWG meetings in the absence of the Chair.

**Membership**

Membership shall consist of IT/OT representatives from Market Participants who own, operate, and support IT/OT systems that interact with ERCOT, including their vendors. Members are encouraged to identify both a primary and an alternate representative.

**Meetings**

The non-voting group will have virtual conferences and/or in-person meetings on a bimonthly (once every two months) basis. Meetings will be open to the public. If deemed necessary, the group will meet ad-hoc between the regularly scheduled meetings.

**Charter Review**

This Charter will be reviewed every two years, and changes to the charter become effective upon consensus of the participants.

## **Scope of the TWG includes but is not limited to:**

* Identify and share best practices in different areas of IT/OT technologies, such as software, hardware, networking, change management, monitoring, maintenance, and support, etc.
* Provide a forum to share experiences with EMS/GMS/Market Systems changes, such as upgrades, cutover experiences, and support practices.
* Review technical details and reference documentation for upcoming integration and functional changes.
* Discuss interface changes to schemas (XSD, WSDL).
* Review upcoming changes to IT/OT systems, WAN, network, and telecom.
* Evaluate new technologies and programs that may impact performance and integration with ERCOT systems.
* Review and analyze recent incidents and/or releases, and share lessons learned.
* Provide status updates regarding planned improvements and proof-of-concepts.
* Review changes to standards, protocols, operating guides, and other documents that are of interest.
* Host periodic workshops as deemed necessary for knowledge sharing.