Texas RE Mission

To assure effective and efficient reduction of risks to the reliability and security of the bulk power system within the ERCOT Interconnection.

About Us

Texas RE is a non-profit corporation that is the Regional Entity for the ERCOT interconnection, pursuant to its Delegation Agreement with the North American Electric Reliability Corporation (NERC), which was approved by the Federal Energy Regulatory Commission (FERC). Texas RE also performs state compliance activities as the Reliability Monitor for the Public Utility Commission of Texas (PUCT). The ERCOT interconnection is located within the State of Texas and includes approximately 90% of Texas’s electric load and 75% of its land area.

Key Facts

ERCOT is a separate interconnection that is not synchronously connected with any other region.

Texas RE is the only Regional Entity that serves both a single state and a single interconnection.

Texas RE is the only Regional Entity that monitors both NERC and state reliability standards.

The ERCOT wholesale market is regulated by the PUCT, not FERC.

The ERCOT Interconnection is served by a single Balancing Authority, Planning Authority, Reliability Coordinator, and Reliability Planner (ERCOT ISO).

The ERCOT ISO is subject to oversight by the PUCT and the Texas Legislature.

There are 215 NERC-registered entities in the ERCOT region, with 395 registered functions:

- Distribution Provider – 33
- Distribution Provider UFLS – 8
- Generator Owner – 175
- Generator Operator – 150
- Transmission Owner – 30
- Transmission Operator – 19
- Transmission Planner – 27

ERCOT ISO (Independent System Operator) is the only entity registered as:

- Balancing Authority
- Planning Authority/Planning Coordinator
- Reliability Coordinator
- Resource Planner
- Transmission Service Provider
- Also registered as Transmission Operator

Texas RE Departments

Registration & Certification

The Registration & Certification department manages the NERC registration process for the Texas Interconnection, which ensures that all users, owners, and operators of the Bulk Power System (BPS) are properly registered.

Reliability Standards

The Reliability Standards department monitors the development of continent-wide and region-specific NERC Reliability Standards, and coordinates stakeholder input with the NERC standards development process.

Compliance Assessment & Enforcement

The Compliance Assessment department monitors and assesses registered entity compliance with NERC and Regional Reliability Standards through risk-based processes that identify potential threats to the reliable operation of the BPS. The Enforcement department then analyzes and processes possible violations of NERC Reliability Standards, coordinating with NERC and FERC to develop efficient and effective procedures to address reliability issues in the Texas Interconnection.

Reliability Services

Reliability Services provides Regional Entity program coordination for grid performance analysis, abnormal event inquiries, situation awareness monitoring, power flow study metrics, and reliability outlook. These programs identify current and emerging risks to the BPS to characterize potential impacts and recommend mitigation strategies.

Texas Reliability Monitor

The Reliability Monitor group monitors compliance by ERCOT and market participants with the reliability-related provisions of PURA, PUCT rules, and ERCOT protocols and operating guides. The Reliability Monitor group develops and regularly monitors performance metrics, investigates compliance issues, and supports PUCT enforcement activities. The Reliability Monitor group also continuously examines Texas market rules (and proposed changes to those rules), communicating potential reliability impacts to the PUCT.

Communications and Training

Texas RE promotes a culture of reliability excellence by facilitating ongoing educational opportunities that deliver relevant compliance guidance and encourage stakeholder engagement. The Communications and Training department also uses a variety of mediums to communicate important, timely information, coordinates with a wide range of industry organizations, and ensures public content conveys effective messages.

www.texasre.org
The Texas RE Board of Directors’ primary role is to oversee the management of Texas RE, including assuring that Texas RE meets its requirements under its Bylaws and Delegation Agreement, and electing a Chief Executive Officer to manage and be responsible for the day-to-day ongoing activities of Texas RE.

Membership

Membership in Texas RE is voluntary and open to any entity that is a user, owner, or operator in the ERCOT interconnection. Texas RE has six membership sectors under its Bylaws: System Coordination and Planning, Transmission and Distribution, Cooperative Utility, Municipal Utility, Generation, and Load-Serving and Marketing. There is no cost to be a member of Texas RE.

Member Representatives Committee

Texas RE’s Member Representatives Committee (MRC) is comprised of 11 representatives, two from each Sector except Sectors with only one corporate member. The MRC provides advice directly to the Board through the Chair and Vice Chair, who serve as the Affiliated Directors on the Texas RE Board, with respect to:

- Annual budgets, business plans, and funding mechanisms of Texas RE.
- Development of Regional Reliability Standards and Regional Variances.
- Matters relevant to the reliability of the BPS, and any other matters pertinent to the purpose and operations of Texas RE.

The MRC also receives updates on current and proposed NERC Reliability Standards from the NERC Standards Review Forum (NSRF). The NSRF is a stakeholder group with voluntary participation from interested entities and individuals within the ERCOT region.

The MRC selects regional stakeholders to participate on NERC standing committees (Compliance and Certification Committee, Critical Infrastructure Protection Committee, Operating Committee, and Planning Committee).