

Mission

The NATF's mission is to **promote excellence** in the reliable and resilient operation of the electric transmission system.

Vision

The NATF envisions **continuously improving** the reliability and resiliency of the electric transmission system.

Approach

Aggressively pursue reliability and security excellence by fostering constructive peer challenge to improve and by efficiently sharing timely, detailed, and relevant information, including lessons learned and superior practices.

NATF Members

- Investor-Owned
- State/Municipal
- Cooperative
- Federal/Provincial
- ISO/RTO

Demand. NATF members represent about 90% of the net peak demand in the U.S. and Canada

Transmission. Our members account for about 80% of the transmission circuit miles at 200 kV and above in the U.S. and Canada

Participants. 6000+ subject-matter expert participants

Membership Eligibility

Any organization that owns, operates, or controls at least 50 circuit miles of integrated (network) transmission facilities at 100 kV or above, operates a "24/7" transmission control center with NERC-certified transmission or reliability operators, or has an open access transmission tariff or equivalent on file with a regulatory authority, may join the NATF.



Programs

The NATF is organized around six integrated programs.

Peer Reviews. NATF peer reviews help our members "raise the bar" for their own operations from good to great.

Review teams comprise subject matter experts and staff that review selected practice areas and cross-functional topics.

The teams' final reports include noteworthy positives that we share with other members and improvement recommendations for the host to implement.

Assistance. Assistance is tailored to a particular member's request or needs by leveraging one or more NATF programs or offerings.

NATF subject-matter experts and staff work with host companies to help them develop action plans to improve on selected topics or issues.

Practices. Groups of subject-matter experts hold monthly web meetings and annual workshops, and write NATF practices and principles of excellence. Groups include:

- Compliance
- Equipment Performance and Maintenance
- Human Performance

- Modeling
- Security
- System Operations
- System Protection
- Training
- Vegetation Management

Reliability Initiatives. Certain reliability topics (large impact, multiple disciplines) lend themselves to a project-based effort.

We currently have initiatives on resilience, misoperations, and human performance near-miss reporting.

Knowledge Management. The NATF supports the exchange and management of operating experience and reliability data.

Secure, effective program tools (databases, scorecards, performance reports, surveys, lessons learned summaries, and operating experience library) and regular working group meetings help facilitate internal peer benchmarking, dissemination of objective performance information, and awareness of key reliability trends and risks.

Training. The goal of this new program is to offer membership-wide training on topics that may be a better fit for the NATF to provide rather than individual members.