



Mission

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

Vision

The NATF envisions **continuously improving** electric transmission system reliability, security, and resiliency, while ensuring the safety of utility personnel.

Approach

We aggressively pursue operational excellence and continuous improvement through a confidential, mutually supportive membership community. This unique environment enables the sharing of timely, detailed, and relevant information, including lessons learned and superior practices, and fosters constructive peer challenge to improve.

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 85% of the transmission circuit miles at 100 kV and above in the U.S. and Canada

Participants. 8000+ member subject-matter experts

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 a comprehensive set of 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. Topics include:

- Compliance
- Cyber and Physical Security
- Equipment Performance & Maintenance
- Human Performance Improvement
- Modeling and Planning
- Operational Technology Networks
- Operations Tools

- Operator Training
- System Operations
- System Protection
- Vegetation Management

Initiatives. The Initiatives Program focuses on resiliency and emerging reliability risk areas, where the NATF coordinates internally and externally, as appropriate, to address key industry topics and issues.

Knowledge Management. The NATF supports the exchange and management of operating experience and reliability data via secure, effective program tools and regular working group meetings.

- *Metrics and Analytics.* Metrics database, reliability reports, peer benchmarking (reliability, cost, safety)
- *Operating Experience.* Report library, advisories and alerts, lessons learned
- *Surveys.* Formal, member-wide questions and responses

Training. We offer web-based resources on select topics chosen and prioritized by members.

The approach allows us to leverage new and existing resources for membership-wide benefit, which helps avoid the need for members to create the training individually.

RESTORE. The RESTORE program is designed to enhance the resiliency and reliability of the energy grid by identifying sources and facilitating replacement of equipment following disastrous events.