



## 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.