

# Energy Reliability Working Group Scope

## Purpose

The Energy Reliability Working Group (ERWG) is a cross-functional working group comprised of experts in multiple industries within the energy sector, including representatives from fuel supply and delivery chains (e.g., fuel oil and natural gas), and the electric grid. The ERWG is assigned the responsibility to: (i) serve as an informational stakeholder forum open to cross-sector organizations, (ii) facilitate ongoing assessment of energy-related risks to the balance of supply and demand on the Bulk Power System (BPS), (iii) develop documents to clarify energy reliability issues and best practices for assessing energy risks, and (iv) identify potential responsive measures associated with unassured energy supplies. These areas of work include the timing and output of variable energy resources, fuel delivery and storage, and volatility in forecasted load that can result in insufficient amounts of energy on the system to serve electrical demand in operations, operations planning, and planning time horizons. The ERWG also drives the development of resources to better educate and inform the electric industry on issues concerning the coordination and interdependence of the electric and natural gas systems.

## Functions

The ERWG will work with the Reliability and Security Technical Committee (RSTC) and its subcommittees, working groups, and task forces as necessary to provide input on and/or complete any projects as requested and deemed appropriate. ERWG functions include, but are not limited to:

- Author guidelines, white papers, implementation guidance, etc., and support NERC Reliability Standard development.
- Develop educational materials that may be used for a range of audiences that describe any potential emerging fuel and energy related risks and possible solutions to address these risks.
- Provide technical assistance in support for assessing fuel and energy related concerns in other NERC program areas.
- Provide assistance to NERC Event Analysis evaluations of BPS disturbances when fuel disruptions are involved in the disturbance, as necessary.
- Support the development of any fuel and energy related data collection requirements by the NERC Reliability Assessment Subcommittee (RAS), as necessary, for inclusion in the NERC Long Term Reliability Assessment (LTRA) and other assessments.
- Provide support in the development of measurements or metrics related to fuel and energy related risks on the BPS and as reported in independent NERC reports and assessments such as the State of Reliability.
- Suggest areas which require attention such as issue identification on potential emerging risks, information or data needs related to those risks, and possible scope for solutions to be developed.
- Undertake other assignments from the RSTC where the expertise of the group may be leveraged.

## Deliverables

The ERWG deliverables include, but are not limited to:

- Reliability Guidelines, technical references documents, white papers, and standard authorization requests (and any supporting documentation for each) related to the risks associated with unassured fuel and energy supplies.
- Analysis of current or developing tools and metrics being performed across North America that are related to the functions and expertise of the working group.
- Revising and maintaining technical documents previously developed by the group, specifically the 3-year review cycle for the Reliability Guideline: *Fuel Assurance and Fuel-Related Reliability Risk Analysis* and any other guidelines that may be developed.
- Share information as requested that may be used for a range of audiences via workshops, webinars, joint meetings with other NERC stakeholder groups, or other beneficial platforms.
- Reporting on working group activity at RSTC meetings, as requested.
- Contribute to annual updates of the NERC State of Reliability report, as requested.

## Membership

The ERWG may include members who have technical or policy level expertise in the following areas:

- Resource adequacy
- Power system operations
- Fuel supply and delivery chains
- Fuel procurement for electric generation
- Transmission planning studies and system analysis
- Electric and fuel infrastructure operations

The ERWG will consist of a chair and vice chair appointed by the RSTC leadership. NERC staff will be assigned as Coordinator(s). Decisions will be consensus-based of the membership, led by the chairs and staff Coordinator(s). Any minority views may be documented

Based on the needs of the ERWG to include expertise from the fuel oil, natural gas, and related industries, members do not need to be registered NERC members and may be considered formal members of the ERWG.

## Reporting

The ERWG is subordinate to the RSTC, and shall report its activities to the RSTC, and as necessary communicate with the ERWG Sponsor, and other groups on relevant issues. The ERWG will submit a work plan to the RSTC annually for approval. ERWG work products are subject to action by the RSTC

## Meetings

Meetings occur as needed but will be scheduled at a minimum of once per quarter. Scheduled meetings may be cancelled or added depending on activity in the industry, requests of the ERWG Leadership, or at the direction of the RSTC. The meetings are open and participation by observers is encouraged.

The ERWG follows the meeting procedures in accordance with the following documents:

- NERC Antitrust Compliance Guidelines,
- Participant Conduct Policy Applicable to NERC RSTC
- RSTC Charter

Decisions made by the membership will be consensus-based, led by the chair and/or vice chair. Any applicable minority views will be documented.

## Confidential Sessions

The chair of the ERWG may limit attendance at a meeting or portion of a meeting, based on confidentiality of the information to be disclosed at the meeting. Such limitations should be applied sparingly and on a non-discriminatory basis as needed to protect information that is sensitive to one or more parties.

## Subgroups

The ERWG may form subgroups as needed to assist in carrying out standing or ad hoc assignments. Subgroup chairs (or delegates) are expected to attend the regular ERWG meetings to report on assignments or provide a summary report of the group's activities.

## Periodic Review

The ERWG Scope should be reviewed at least every three years but may be revised more frequently if needed.

Version	Date	Reviewers/Approval	Revision Description
1.0	3/12/2025	Approved by the RSTC	