

Event Analysis Subcommittee Scope

Purpose

The Event Analysis Subcommittee (EAS) assists the NERC Reliability and Security Technical Committee (RSTC) in enhancing Bulk Electric System (BES) reliability by implementing the goals and objectives of the RSTC Strategic Plan.

The EAS is a cross-functional group of industry experts that will support and maintain a cohesive and coordinated event analysis (EA) process across North America with industry stakeholders. The EAS will support development of lessons learned, promote industry-wide sharing of event causal factors, and assist NERC in implementation of related initiatives to lessen reliability risks to the BES.

Functions

1. The EAS, in coordination with NERC Staff, will:
 - a. Manage Event Analysis Process document updates and annual review.
 - b. Manage and coordinate the development and publishing of Lessons Learned.
 - c. Identify improvements to event analysis reporting.
 - d. Provide feedback to industry on Event Analysis Process topics.
 - e. Solicit feedback from industry stakeholders to improve the Event Analysis Process.
2. To facilitate the sharing of EA information with the NERC RSTC and its subcommittees/working groups, the EAS will:
 - a. Facilitate registered entity event analysis presentations at RSTC meetings.
 - b. Provide status of and direction on implementation of Lessons Learned.
 - c. Provide trending updates as needed.
3. The EAS, in coordination with NERC subcommittees and working groups, will share information, identify trends through analysis of events, and make recommendations to the industry which address:
 - a. Reliability risks
 - b. Human performance
 - c. Need for training
 - d. Lessons Learned
 - e. Good industry practices and recommendations

4. The EAS will partner with Regional Entities, registered entities and other industry forums to:
 - a. Obtain input of Regional Entity personnel and reliability stakeholder groups as resources to the EAS, leveraging their experience and knowledge.
 - b. Address reliability issues and trends from reported events.
 - c. Based on Lessons Learned and trends drawn from events, recommend enhancement to existing Reliability Standards or development of new Reliability Guidelines or Reliability Standards where gaps are identified.
 - d. Annually survey the Regional Entities to assess the value of published Lessons Learned.

Deliverables

- Conduct an annual review of the Event Analysis Process document.
- Recommend need for training
- Publish Lessons Learned
- Develop and review of Reliability Guidelines as directed by the RSTC
- Identify significant risk and the need for NERC Alerts
- Provide updates to the RSTC as needed.
- Provide input to the NERC Performance Analysis Subcommittee's (PAS) annual State of Reliability Report
- Provide event information and recommendations related to the Event Analysis Process

Reporting

The EAS reports to the RSTC, and shall maintain communications with the RSTC, EAS Sponsor, and other groups as necessary on relevant issues. The EAS will regularly submit a work plan for approval of tasks. The EAS will review its scope and work plan regularly.

All work products (with the exception of Lessons Learned and Failure Modes & Mechanisms) intended for industry use (such as a Scope document, Work Plans, Reliability Guidelines, Reference Documents, Compliance Implementation Guidance, reports, whitepapers, etc.) should be approved by the RSTC.

The EAS will report to the RSTC for the completion of work associated with the scope items outlined above, and final work products of the EAS will be reviewed and considered by the RSTC and or the NERC Board of Trustees. The EAS chair will periodically apprise the RSTC on the subcommittee's activities, assignments, and recommendations.

Officers

The RSTC Chair appoints the EAS officers (Chair and Vice Chair) for a specific term (generally two-years). The subcommittee officers may be reappointed for additional terms. The vice chair is considered an important part of succession planning with the anticipation that the vice chair will be appointed as

subcommittee chair for the next term. The EAS may recommend officer candidates for the RSTC Chair's consideration following a supporting motion.

The subcommittee Chair or Vice chair should attend the regular RSTC meetings to report on assignments, or provide a summary report of the group's activities, and advise the RSTC on important issues as needed.

The EAS officers are considered members of the EAS and may vote.

Membership

The voting members of the EAS will consist of:

- One (1) voting member from each of the Regional Entities, approved by the RSTC.
- One (1) voting member from each of the Regions to represent industry stakeholder interests. Members may be recommended by the EAS and will be approved by the RSTC.
 - These members must have a signed Non-Disclosure Agreement on file in order to participate in the confidential sessions described below.

Meeting Procedures

The desire is to strive for consensus in normal EAS business. If consensus cannot be achieved, the EAS will hold a vote as noted below. If any strong minority opinions develop, those opinions may be documented as desired by the minority and forwarded to the RSTC Chair for future meeting consideration.

- Quorum: 50% of subcommittee members eligible to vote.
- Actions requiring a vote shall require a quorum and a simple majority vote of those members present.
- All other procedures follow those of the RSTC Charter and Standard Operating Procedure.

Confidential Sessions

The chair of the subcommittee 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 EAS may form working groups and task forces as needed to assist the subcommittee in carrying out standing or ad hoc assignments. Task group chairs (or delegates) are expected to attend the regular subcommittee meetings to report on assignments or provide a summary report of the group's activities.

Meetings

Four to six open meetings per year, or as needed, with supplemental telephone conferences.

Version	Date	Reviewers/Approval	Revision Description
1.0	6/19/2013	Developed by: Event Analysis Working Group Approved by the OC: September 10, 2013	Transitioned the EAWG into the EAS.
1.1	10/10/2013	Developed by: Event Analysis Subcommittee Approved by the OC: December 10 2013	Updated EAS Scope to reflect changes in the OC Strategic Plan.
1.2	6/4/2018	Developed by: Event Analysis Subcommittee Approved by the OC: September 11, 2018	Updated EAS Scope to reflect seven NERC Regions due to the dissolution of SPP RE.
1.3	02/09/2021	Developed by: Event Analysis Subcommittee Approved by the RSTC: March 3, 2021	Updated EAS Scope to reflect transformation of the RSTC