

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

Welcome

NERC Industry Webinar

Energy Reliability Assessment Task Force - Update on the Revised Standard Authorization Requests (SARs)

May 19, 2022

RELIABILITY | RESILIENCE | SECURITY





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- Welcome and NERC Antitrust
 - Levetra Pitts (NERC)
- Introduction and Background
 - Chair Peter Brandien (ISO New England)
 - [Consideration of Comments Part 1 – RSTC](#)
 - [Consideration of Comments Part 2 – Policy Input](#)
 - [February 16 Workshop – Q&A Document](#)
- Updates on the SARs
 - Operations SAR - David Mulcahy (Illuminate Power Analytics)
 - Planning SAR - Kayla Messamore (Evergy)

Energy Assessments with Energy–Constrained Resources SAR Overview

- ERATF Meetings and Activities
 - Survey sent to industry
 - Sub-teams reviewed survey results and current standards
- SAR draft present to RSTC on Dec. 15, 2021
 - Draft version available in agenda package
- Technical Conference on Feb. 16, 2022
- Presented to MRC on May 11, 2022
- **Submitting SAR for endorsement to RSTC June 8th meeting**
 - Full SARs available as part of RSTC agenda package
 - [Comment matrix replies available on ERATF webpage](#)

- Recent reliability events and evolving resource mix
 - Correlated weather and fuel security
 - Gas pipeline risk
 - Variable resources
- Energy risk identified by RISC in [2021 ERO Reliability Risk Priorities Report](#)
- ERATF Standards review
 - Lacks explicit requirements for energy security
- ERATF Survey Results
 - Energy and fuel security identified as risks
 - Wide range of definitions and approaches

The Standards Draft Team (SDT) should modify or create Standards to:

1. Define energy assessment and related terms:

- Define energy assurance, assessments, and time-horizons

2. Assess energy assurance risk:

- Require energy assessments and outline features

3. Evaluate energy assurance risk:

- Determine and set criteria for acceptable risk
- Standard should not specify specific target criteria

4. Plan for identified risks:

- Create corrective action plans to address unacceptable risk

Both SARs specify that each SDT should coordinate with:

- Energy Assessment SAR counterpart
- Cold Weather SDT
- ERATF Activities
 - ERATF will engage in work to support SDT
 - Support implementation
- Other committees
 - E.g., RAS, PAWG, and EGWG

Operations

- Define operations horizons (<1 year)
- Primary impact on operations REs

Planning

- Define planning horizons
- Primary impact on planning REs
- Includes references to PAWG guidelines

Two SARs allow for separate SDTs with **correct expertise** and **narrower scope**



Questions and Answers

If you have any questions or comments, please send an email to elsa.prince@nerc.net or pbrandien@iso-ne.com.