

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

Cold Weather Webinar

Project 2019-06 SAR DT

Matt Harward, SPP (chair)

Matt Averett, Southern Company (vice chair)

February 27, 2020

RELIABILITY | RESILIENCE | SECURITY



Standards Authorization Request Drafting Team Roster

	Name	Entity
Chair	Matthew Harward	Southwest Power Pool, Inc.
Vice Chair	Matt Averett	Southern Company
Members	Alan Allgower	ERCOT
	David Daniels	American Electric Power
	Chris Dibble	Dominion Energy
	Samuel J. Dwyer, IV	Ameren
	Venona Greaff	Ingleside Cogeneration LP (Occidental Energy)
	Cameron Lawson	Tennessee Valley Authority
	Kenneth Luebbert	Eversource Energy, Inc.
	Joshua Netherton	MISO
	Jason Smith	Xcel Energy Services, Inc.
	Don Urban	ReliabilityFirst

- Cold Weather Standards Authorization Request (SAR) first posting
- Common themes of responses received
- SAR modifications Based on:
 - Comments received
 - NERC recommendation
- Next steps

- July 2019- FERC/NERC staff report on Cold Weather Event of January 17, 2018
 - Three-pronged approach to ensure GO/GOP, RC and BA prepare for cold weather conditions
 - Recommendation 1.1 - Development or enhancement of one or more Reliability Standards
- Cold Weather SAR posted October 4 through November 5, 2019
- SAR drafting team (DT) was appointed by the Standards Committee (SC) on December 18, 2019
- First SAR DT meeting January 28-30, 2020.

- Regional issue
- NERC Reliability Guideline is enough
- Existing procedures in place
- Addressed through various standards and requirements today
- Administrative burden
- Scope of SAR should cover all weather
- Need definition for “extreme cold weather”
- Do not use the word ‘parameters’

- Cold Weather Preparedness and Communication Requirements between Functional Entities (new title of SAR)
 - Removed the word ‘Extreme’ – Focus will be on cold weather preparedness
 - Checked “Add, Modify, or Retire a Glossary Term” box
- Deliverable 1
 - Modified the SAR to allow for flexibility within geographic regions
 - Updated ‘parameters’ language to demonstrated historical performance and operating limitations
 - Changed notification of FT for natural gas to notification of curtailments
- Deliverable 2
 - Updated ‘parameters’ language to demonstrated historical performance and operating limitations

- NERC recommendation to add communication between generators and RCs and BAs for all ambient weather conditions.
 - Important that RCs and BAs are aware that they can depend on generator units.
- Deliverable 3
 - The What: “communicates with the Balancing Authorities and Reliability Coordinators when forecasted ambient weather conditions (including, but not limited to, cold weather temperatures)” are expected to impact generating units.
- Deliverable 4
 - The What for: RC and BA use this information to perform respective Operational Planning Analysis, develop Operating Plans, or determine contingency reserves for appropriate operating horizon

- SAR Posted for additional comments based on modifications
 - February 19 to March 19, 2020
- The SAR DT will meet March 24-26, 2020 (Atlanta, GA)
 - Review comments received
 - Modify SAR, if necessary
 - Determine next steps (Repost SAR for additional comment or move to seek acceptance of the SAR from the Standards Committee)



Questions and Answers