

Meeting Notes

Project 2023-07 Transmission System Planning Performance Requirements for Extreme Weather

October 27, 2023

Review NERC Antitrust Compliance Guidelines and Public Announcement

Jordan Mallory, NERC staff, called attention to the NERC Antitrust Compliance Guidelines and the public meeting notice.

Roll Call and Determination of Quorum

A team roll call was taken and quorum was determined. The member attendance sheet is attached as attachment 1.

Standards Authorization Request (SAR) Comments

The standard drafting team (SDT) reviewed the SAR comments received from industry for questions one through three. Below captures high level themes and/or notes the SDT took away from comments received.

- Coordinate with other TPL SDTs.
- Limit sensitivities to the most impactful scenarios within planning regions.
- The level of specificity is necessary in the standard to ensure consistency but allow for appropriate variation by region.
- Flexibility for regional differences in weather conditions.
- Consistency across regions but with attributes specific to each region.
- Consistency of application by entities within a region.
- Introduce the term "base planning case" to represent the case that incorporates the benchmark event conditions.
- Leverage National Laboratories (or other recognized research entities) to recommend attributes to be considered by the region/Planning Coordinator.
- Consider the need for and frequency of periodic reviews of the weather attributes.
- Consider weather metrics beyond temperature like humidity, wind speeds, etc.
- Draft Reliability Standard similar to TPL-007 was drafted, but for extreme weather.
- Gather input from national labs, NOAA, and other agencies.
- Standard should specify scenarios. Wide range of contingencies including what is already in TPL-001-5.
- Define the benchmark cases before contingencies to determine the severity level of the contingencies to avoid unnecessary CAPs, similar to piling comments above.
- Utilize Table 1 from TPL-001 for steady state and stability contingencies. Include limits on transfer capabilities.

- Do not place limits on the contingencies or scenarios in the standard. Allow for more check and adjust approach.
- Consider a realistic schedule for data preparation and performing of the scenario planning study.
- Avoid "one size-fit-all" weather conditions in the assessment.
- Recommends a projected frequency of 1 in 10-year event.
- Natural gas assumptions.

Following discussion, the SDT determined no changes were needed to the SAR.

Next Steps

The SDT will review question four during the next SDT meeting on October 30, 2023.

Adjourn

The SDT adjourned at 2:58 p.m. eastern.

Attachment 1

	Name	Entity	Attendance
Chair	Evan Wilcox	American Electric Power	Y
Vice Chair	Jared Shaw	Entergy Services	Y
Members	Josie Daggett	Western Area Power Administration	Y
	David Duhart	Southwest Power Pool	Y
	Michael Herman	PJM Interconnection	Y
	Tracy Judson	Florida Power & Light	Y
	Sun Wook Kang	ERCOT	Y
	Andrew Kniska	ISO New England	Y
	Dmitry Kosterev	Bonneville Power Administration	Y
	David Le	California ISO	Y
	Karl Perman	CIP CORPS	N
	Meenakshi Saravanan	ISO New England	Y
	Kurtis Toews	Manitoba Hydro	Y
	Hayk Zargaryan	Southern California Edison	Y
PMOS Liaison	Jason Chandler	Con Edison	Y
	Donovan Crane	WECC	N

	Name	Entity	Attendance
NERC Staff	Jordan Mallory – Standards Developer	North American Electric Reliability Corporation	Y
	Lauren Perotti – Assistant General Counsel	North American Electric Reliability Corporation	Y