

Meeting Notes

Project 2021-07 Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team

October 18 and 20, 2022 | 1:00 – 2:30 p.m. Eastern

Review NERC Antitrust Compliance Guidelines and Public Announcement

Alison Oswald, 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 performed and quorum was determined. The member attendance sheet is attached as attachment 1.

Chair Remarks

Kenny Luebbert, chair, started the meeting by thanking the team for their hard work on the changes before the phase 1 final ballot. The changes contributed to higher approval rates during final ballot than the previous ballots.

Phase 1 Topics for Discussion

Phase 2 Recommendations

Heather Polzin and David Huff from FERC presented on the key recommendations from the Joint Inquiry Report that are to be addressed during Phase 2 of the project.

FERC noted that the largest causes of outages were freezing issues and gas issues, which accounted for roughly 75%. FERC emphasized that the components identified in the report associated with these issues will likely be the cold weather critical components.

Key Recommendation 1g: FERC stated that this recommendation is focused on fuel, but recommendation show be comprehensive. NAESB has kicked off electric/gas coordination project to evaluate current state and identify best practices. Balancing Authorities typically do fuel surveys, so they have information, but need to receive accurate information of capacity from GO/GOP.

Key Recommendation 1i: As discussed in Phase 1, load shedding requirements are not absolute. Texas railroad commission has created recommendations for prioritization. The team can rely on other recommendations to develop approach for Standard language.

A question was asked regarding what causes mechanical and electrical failures. FERC noted that there were a variety of causes, but it is clear that some of the causes were due to temperature, wind, or freezing of components. This would increase the 44% value identified as related to freeze issues. It was recommended that additional analysis should be done on electrical and mechanical failures to determine if they were related to freeze issues and determine mitigation required to address these issues.

Please see the slide presentation for more information.

Texas Phase 2 Recommendations

Venona Greaff, Oxy, presented to the team on the progress of Phase 2 recommendations from the Public Utility Commission of Texas.

Venona stated that the rules are applicable to all entities that operate in ERCOT. Weatherization rules have been in existence for a long period of time, but new rules were developed last year. New revisions published this year that include winter and summer recommendations.

The new PUCT definitions were presented and related to definitions developed by SDT.

The key requirements were reviewed with team. Instrument air prevention systems were specifically called out due to past issues identified. Additionally, provisions to maintain and monitor freeze protection equipment were included and there is upcoming requirements related to ERCOT weather studies. ERCOT will inspect sites to verify any attestations.

Please see the slides presentation for more information.

The team will begin drafting work at the next meeting by working on recommendations 1a and 1b.

Attachment 1

Name	Organization	10/18	10/20
Kenneth Luebbert	Evergy, Inc.	Y	Y
Matthew Harward	Southwest Power Pool, Inc.	Y	Y
Venona Greaff	Oxy	Y	Y
Derek Kassimer	ReliabilityFirst	Y	Y
Jonathan Davidson	City Utilities of Springfield	Y	Y
David McRee	Duke Energy	Y	Y
Thor Angle	Puget Sound Energy	Y	Y
Keith Smith	Orsted Onshore North American	N	Y
Chad Wiseman	Newfoundland & Labrador Hydro	Y	N
Bradley Pabian	Louisville Gas & Electric and Kentucky Utilities	Y	Y
Collin Martin	Oncor Electric Delivery, LLC	Y	Y
Jill Loewer	Utility Services	Y	Y
David Kezell	Electric Reliability Council of Texas, Inc. (ERCOT)	Y	N
Ryan Salisbury	Oklahoma Gas & Electric	N	Y
David Deerman	Southern Company Services	N	N