

# Meeting Notes

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

November 15 and 17, 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, noted the first cold snap, and increased focus on cold weather preparedness.

### Phase 2 Recommendations

#### ***Key Recommendation 1b***

Kenny Luebbert spoke regarding Generator Owners (GO) previous freeze related issues being taken into account when identifying Generator Cold Weather Critical Components. The decision was made to take this from the requirements and move it to the technical rationale. The revised technical rationale was shown to the team for approval. The team noted that the new technical rationale will need to be added given the addition of the new defined term, Fixed Fuel Supply Component.

Item 1a and 1b are completed and item 1c was the main topic of conversation. Selection of previous operations at cold temperatures and wind, versus having design data was considered. Having valid data to support the minimum operating temperature is important. Eric Jebesen spoke to qualitative and quantitative conditions to be considered such as precipitation and wind. The conditions when the cold weather point was selected is important for future performance. The team discussed if a temperature that was the lowest, but had no additional wind or precipitation issues would be used, or a temperature that was higher, but have associated wind and precipitation should be used. FERC noted that in the recommendation they left that choice up to the Generator Owner.

A GO must develop and maintain a cold weather plan. The communications to the BA was discussed as a requirement for 1g. Further qualitative data to add to 3.5.2 was discussed, if it was of value, and if available. It's not a new requirement, but can be provided if a Generator Owner has it; but if the data is not available then it would not be included. The communication to the BA and TP is key, so they get

consistent data. If wind speed and precipitation data is unknown for the design phase it would be assumed to be zero as a conservative approach. Discussion on how the BA would get the required data from the GO was discussed. With this discussion 1c was completed.

***Key Recommendation 1g***

Recommendation 1g was explained in more detail by David Huff. BA uses data provided by GO to understand what they can supply and the risk profile going into the cold weather. Heather Polzin noted other risks outside of natural gas should be considered. The estimates would be more of a best effort not something for compliance.

The BA and TOP may have its own data request to do the required analysis. Each BA does things differently. This recommendation helps highlight how information should flow. What information to be provided was discussed. Elizabeth Davis noted that the BA receiving the data from the GO must use it in its real time analysis. Getting this data real time is difficult, especially since it can change during an event.

Need to ensure data used doesn't contradict a FERC approved tariff. The percent of generation a BA can rely on, updated on a regular basis, is most important. Would be good to get all the communication requirements from other standards in one document so we can understand the gaps that 1g is trying to fill. There was discussion if the data was to be real time, day ahead, or for planning. The list of standards would be divided between the team. The standards would include: EOP, IRO, and TOP.

IRO - Ryan Salisbury

TOP - Matthew Harward

EOP – David McRee

Findings from the review of the standards would be sent to Alison in advance.

# Attachment 1

Name	Organization	11/15	11/17
Kenneth Luebbert	Evergy, Inc.	Y	Y
Matthew Harward	Southwest Power Pool, Inc.	Y	Y
Venona Greaff	Oxy	N	N
Derek Kassimer	ReliabilityFirst	N	N
Jonathan Davidson	City Utilities of Springfield	Y	Y
David McRee	Duke Energy	Y	Y
Thor Angle	Puget Sound Energy	Y	N
Keith Smith	Orsted Onshore North American	N	N
Chad Wiseman	Newfoundland & Labrador Hydro	Y	Y
Bradley Pabian	Louisville Gas & Electric and Kentucky Utilities	Y	N
Collin Martin	Oncor Electric Delivery, LLC	Y	Y
Jill Loewer	Utility Services	Y	Y
David Kezell	Electric Reliability Council of Texas, Inc. (ERCOT)	N	Y
Ryan Salisbury	Oklahoma Gas & Electric	Y	Y
David Deerman	Southern Company Services	Y	Y