

# Meeting Notes

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

October 25 and 27, 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 confirming that the team will review Phase 1 comments and edits in parallel with phase 2 recommendations.

### Phase 2 Recommendations

The team reviewed Key Recommendation 1a: *To require Generator Owners to identify cold-weather-critical components and systems for each generating unit. Cold-weather-critical components and systems are those which are susceptible to freezing or otherwise failing due to cold weather, and which could cause the unit to trip, derate, or fail to start.*

The team discussed how the recommendation states components “and systems” which the team does not know if it was adequately addressed in phase 1 of the project. The team feels this term is generic. A team member suggested looking at the Reliability Guideline which the team linked in the Technical Rationale. The team reviewed the guideline for informational purposes. Team members stated they believe that for a system to fail, a component has to fail, therefore the concept of “system” is included in the original language the team drafted. FERC staff stated that the team writing the inquiry report was not trying to land on a particular word, instead the team was trying to come up with language that drives entities to identify anything that is susceptible to freezing and make sure it is protected. The team discussed the differences between components and systems. Several members and observers voiced concerns about identification of components/systems being too large, difficult to maintain list. A team member suggested doing work in the definition of Generator Cold Weather Critical Component (GCWCC). Additional suggestions were made to have two separate definitions. The team continued to discuss if the goal was to have utilities identify components, systems, or both. FERC staff stated the intention of the report was to identify systems or components, however the utility wants to identify based on their unique structure.

The team drafted multiple options on changes to the GCWCC and additional definitions to review and discuss at the next meeting.

### **NERC Staff Remarks**

The October 27, 2022 meeting was opened by Howard Gugel congratulating team on Board approval of Phase 1 standards. He stated that some on the Board were concerned about the “technical, commercial, or operational” exceptions. NERC Board may conduct data requests in the future to see how prevalent these exceptions are. Howard questioned the commercial exception in R1 for the team to discuss more on the need to have it for wind generation.

### **Phase 2 Recommendations**

Kenny proposed definition edits for GCWCC and new term Fixed Fuel Supply Component (FFSC) to meet Key Recommendation 1a. The team debated over keeping the exclusion for specific mobile equipment in the FFSC definition and decided for now to leave the exclusion in.

The team began discussing Recommendation 1b which states: *To require Generator Owners to identify and implement freeze protection measures for the cold-weather-critical components and systems (see Key Recommendation 1f below, for guidance on ambient temperature and weather conditions to be considered). The Generator Owner should consider previous freeze-related issues experienced by the generating unit, and any corrective or mitigation actions taken in response. At an interval of time to be determined by the Balancing Authority, the Generator Owner should analyze whether the list of identified cold-weather-critical components and systems remains accurate, and whether any additional freeze protection measures are necessary.* The discussion on Recommendation 1b focused on the time interval for updating. FERC staff recommendation is for BA to determine interval. The team discussed that the BA is not the right entity to determine the interval, and R4 of EOP-012 already has a 5-year review interval built in. The team discussed the need to add language requiring freeze protection specifically on Generator cold weather critical components to R2 and edits were made. Additionally, new sub requirement R7.3 was added specifically requiring updates to cold weather preparedness plans as part of CAPs. The team was tasked with making any additional edits to the draft standard before the next meeting for discussion.

# Attachment 1

Name	Organization	10/25	10/27
Kenneth Luebbert	Evergy, Inc.	Y	Y
Matthew Harward	Southwest Power Pool, Inc.	Y	Y
Venona Greaff	Oxy	Y	Y
Derek Kassimer	ReliabilityFirst	N	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	Y	Y
Chad Wiseman	Newfoundland & Labrador Hydro	N	N
Bradley Pabian	Louisville Gas & Electric and Kentucky Utilities	Y	Y
Collin Martin	Oncor Electric Delivery, LLC	Y	N
Jill Loewer	Utility Services	N	N
David Kezell	Electric Reliability Council of Texas, Inc. (ERCOT)	N	N
Ryan Salisbury	Oklahoma Gas & Electric	Y	N
David Deerman	Southern Company Services	Y	Y