

# Meeting Notes

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

March 29 - 31, 2022 | 1:00 – 3:00 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.

### Recommendation 1d: CAP

Team discussed the language around failure to start. Some suggestions were made to remove the time frame of “four hours” in the failure to start language. The team discussed this and determined that if that language was removed the units that experience short solvable issues would then be required to do a CAP and the preference would be to not have to write a CAP every time. The timeframe language remained in the draft standard.

The team reviewed a suggestion around the derate threshold being tied back to the BED definition. For larger units, it was noted that this suggestion would cause CAPs to be initiated at a much lower threshold than a 10% derate. Team decided to keep the language as written.

### Recommendation 1j: Retrofit

Two draft language options were presented to the team. An idea was presented to consider putting language into FAC-002 for doing studies for new builds. This possibility was investigated outside of the meeting and the team concluded it was not appropriate to include in the FAC-002 standard. Concerns were raised by observers of the project that this recommendation violates the market principals. These concerns will be directed to NERC legal and addressed on a future team meeting call. Additional concerns were raised about cost recovery for mandated retrofits. FERC commented that report Key Recommendation 2 suggests that a cost recovery provision exists. Team needs to come together and figure out how to ensure sufficient generation for conditions. A comment was made suggesting implementing standard for new construction first, following with retrofit of existing units later. The team will discuss implementation time frames once the language has been drafted.

NERC legal stated that nothing in NERC rules prohibits requirements for new facilities or retrofit of existing facilities to ensure reliability. Market Principles don't allow standards to mandate construction or expansion of existing facilities, but that doesn't prohibit a standard from setting expectations for reliable operation of existing capacity. All legal concerns will be dealt with outside of team meetings going forward.

### **Cold Weather Unit**

The team began discussions on the applicability section of the cold weather standard and what would define a cold weather unit. The facilities language was revised to make the winter season December 1-March, making the standard would apply to any unit that will operate in that time. Proposed language for R4.2.1 including "bidding into markets" was removed and revised to any unit that will operate. A concern was raised that the language in the facilities section being applied to requirement 4.2.1 would prohibit a summer-only unit from even trying to help or participate in an extreme cold weather event. Language was suggested to include units "scheduled to offer capacity during the winter season as defined by the balancing authority". This language was accepted by team at this time and it will be reviewed again at the next meeting.

There was a concern that identification of units scheduled for capacity in the BA's winter season could prohibit operation of some units, particularly in the South, on warmer days. In addition, concerns were raised that provisions that allow GO's to opt-out of winter operation would actually result in less generation being available.

### **Requirement R4**

The team began discussions on the draft requirement language presented to the team. A member made the recommendation to make design temperature lowest 24-hour average in last 10 years. A concern was raised by observers that 10-year history isn't long enough, and recommend at least 50 years. The team discussed and concluded that an hourly low temperature, not 24-hour average, was more appropriate to catch the lowest temperature. It was recommended that the team consider temperature, wind chill, and precipitation as factors in defining criteria for extreme weather operation, which will be discussed at next week's team meetings.

### **Technical Rational Assignments**

The team discussed writing technical rational for the topic areas that have already been drafted. The following assignments were made:

- Annual Training – Matt Howard
- UFLS/UVLS – Colin Martin, Jill Lower, and Keith Smith
- CAP – Brad Pabian, Thor Angle, and Jonathan Davidson

## Attachment 1

Name	Organization	3/29	3/31
Kenneth Luebbert	Evergy, Inc.	Y	Y
Matthew Harward	Southwest Power Pool, Inc.	Y	Y
Venona Greaff	Oxy	N	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	Y	Y
Chad Wiseman	Newfoundland & Labrador Hydro	Y	Y
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	Y
Ryan Salisbury	Oklahoma Gas & Electric	Y	Y
David Deerman	Southern Company Services	Y	Y