

# Meeting Notes

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

January 10 and 12, 2023 | 1:00 – 3:30 p.m. Eastern

WebEx

### **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 taken and quorum was determined on both days. The member attendance sheet is attached as attachment 1.

### **EOP-011-4**

The team discussed changes to EOP-011-4 with the inclusion of the additional functional entities based on the change to standard language to meet the Key Recommendations.

### **Phase 1 Comment Review**

Team reviewed EOP-012 and adjusted the Applicability section based on comments received. The team used the BES inclusions to help define BES resources included in the standard. Additionally, the team adjusted the term included in the Applicability section from Unit to resource.

A proposal for cold start-up times to be included in Part 3.5.1.5 was brought to the team. David Kezell noted complexity around defining cold-start up time. The team discussed that the parameter would be added as a parameter to be defined by the GO and that it could be provided to BA and RC as part of data specification. This would require additional changes to the standards. Concerns were expressed that if the GO defines the cold start up time without criteria, there will be no consistency and therefore little value for the BA and RC. The team held a vote to proceed with addition or leave the language as is. The results are included below and the vote concluded to leave the language as is. The team will confirm at the in-person meeting with quorum.

The team next discussed a comment regarding exemption for outages outside of GO control, e.g. fuel supply. The team noted that the definition already includes language indicating that the outage must be within the GO's control. John Davidson mentioned that there has been a discussion around issues in GADS Working Group and he will be forwarding email to group. Issue revolves around if failure to secure fuel is

outside of GO control. Team agrees that language will not change, as definition is clear that scope is due to freezing and within GO control.

A comment around Fixed-fuel supply language was reviewed. Matt Harward presented clarifying information that exclusion language was moved from parenthetical at beginning to new sentence at end. The team agrees with modification.

The team discussed additional comments around bidding a unit as must run. The team noted that this logic can be expanded indefinitely and is shifting reliability requirements to market mechanisms. The team agreed to make no changes.

The team discussed comments around changes to implementation plan. NERC noted the team would likely need to stick to the submitted implementation plan for phase 1 and work on phase 2 implementation plan. This will be discussed more during the in-person meeting.

Next comment reviewed was regarding inclusion of commercial constraints in declaration for R1. This was saved for the in-person meeting.

The team reviewed a comment regarding concerns related to retrofit existing units. The team noted that most units have design temperatures lower than extreme cold weather temperature. An example was provided of a unit that tripped above design temperature, but below extreme cold weather temperature. An observer stated their belief that requiring generators to operate to design temperature would be more effective for reliability than using extreme cold weather temperature. David Kezell confirmed this based on his discussions with generators in ERCOT. ISO council has noted extreme cold weather temperatures would not protect the grid from storms the magnitude of Uri. Team voted to leave the language as-is.

A topic was brought to the team about weather data not going back all the way to the year 2000 as identified in the standard. A team member recommended that data could be pieced together from different sites if needed. The team discussed potentially addressing in technical rationale or implementation guidance. This will be discussed in more detail at in-person meeting.

## Attachment 1

Name	Organization	1/10	1/12	Start-up Time	Leave Language vs Alternative
Kenneth Luebbert	Evergy, Inc.	N	N	-	-
Matthew Harward	Southwest Power Pool, Inc.	Y	Y	as is	as is
Venona Greaff	Oxy	Y	Y	as is	as is
Derek Kassimer	ReliabilityFirst	Y	Y	as is	as is
Jonathan Davidson	City Utilities of Springfield	Y	Y	as is	as is
David McRee	Duke Energy	Y	N	-	-
Thor Angle	Puget Sound Energy	Y	Y	-	as is
Keith Smith	Orsted Onshore North American	Y	Y	as is	as is
Chad Wiseman	Newfoundland & Labrador Hydro	N	N	-	-
Bradley Pabian	Louisville Gas & Electric and Kentucky Utilities	Y	N	-	-
Collin Martin	Oncor Electric Delivery, LLC	Y	Y	as is	as is
Jill Loewer	Utility Services	Y	Y	proceed	as is
David Kezell	Electric Reliability Council of Texas, Inc. (ERCOT)	Y	Y	-	as is
Ryan Salisbury	Oklahoma Gas & Electric	Y	N	-	-
David Deerman	Southern Company Services	N	Y	proceed	as is