

Meeting Notes

Project 2023-01 EOP-004 IBR Event Reporting DT Meeting

April 17, 2025 | 2:00 – 4:30 p.m. Eastern

WebEx

Administrative

1. Introductions

The meeting was brought to order by the Vice Chair, Ali Miremadi at 2:03 p.m. Eastern on April 17, 2025. The Vice Chair provided the Drafting Team (DT) with opening remarks and welcomed members and guests.

2. Determination of Quorum

The rule for NERC DT states that a quorum requires two-thirds of the voting members of the DT. Quorum was achieved as 7 of the 11 members were present for the meeting. See Attachment 1 for those in attendance.

3. NERC Antitrust Compliance Guidelines and Public Announcement

NERC Antitrust Compliance Guidelines and public announcement were reviewed by Dominique Love. There were no questions raised.

Agenda Items

1. Event Analysis

- a. NERC Event Analysis (EA) SME joined the meeting and answered the DT's previously asked questions, listed below.
 - i. Question: Provide an update on what category "1i" events have been submitted over the past few years?
 - (1) EA SME response: Since March of 2020, the EA voluntary program received a total of 16 category 1i events from a total of three entities, two of which are registered as a Balancing Authority (BA) and a Reliability Coordinator (RC) and one as a BA. Reported events occurred in the Western Interconnection (WI) and ERCOT. Discussion continued on the EA voluntary reporting process, its high-level steps, and how it parallels EOP-004. The ERO monitors frequency excursions and when detected, NERC investigates the cause and oftentimes, once it identifies and contacts the entity, data are overwritten. However, when the EA program is notified, NERC can reach the generator before data are overwritten. A concern was raised regarding the 24-hour timeline to report, however it was clarified that reporting is required within 24 hours of recognizing and determining the event met the criteria. Discussion continued around how EOP-004 parallels and differs from PRC-028, PRC-029, and PRC-030.
 - ii. Question: Does NERC receive a copy of the Department of Energy (DOE), DOE-417 Form when an entity submits it to the DOE?
 - (1) EA SME response: Yes, NERC does receive a copy of the DOE-417 form if the checkbox next to "Notify NERC" is selected. Most entities use the DOE-417 form to report in lieu of the EOP-004 form. An observer asked if NERC could provide the submitting entity confirmation that it received the DOE-417 form submission. The NERC EA SME to discuss the request internally.
 - iii. Question: From NERC's perspective, would more useful data be provided if the EA category "1.i" event reporting threshold was adjusted from the current 500 MW?
 - (1) DT discussed using an Interconnection-specific reporting thresholds for IBRs, specifically: 900 MW for the Eastern Interconnection (EI), 500 MW for the WI, 800 MW for ERCOT and 500 MW for the Quebec Interconnection. NERC EA SME recognized that requiring a 500 MW reporting threshold for the EI is small, considering its size and supported a tiered approach. The main purpose of the EA voluntary program is to identify common (trend) issues, and to mitigate them before they become impactful. Specifically, it is looking for common modes of failure.

2. Informal Comment Period

a. Cont. Review and Discuss Themes from Question 1

- i. DT discussed whether to maintain the 500 MW IBR generation loss reporting threshold or propose a tiered threshold based on the Interconnection. The DT decided to use reporting

thresholds based on the NERC Glossary of Term, “Balancing Contingency Event”, as follows: 900 MW for the EI, 500 MW for the WI, 800 MW for ERCOT and 500 MW for the Quebec Interconnection. The DT also reviewed the project’s SAR and confirmed that the project was not required to propose a specific reporting threshold.

ii. Review Attachment 2

- (1) DT discussed the new Attachment 2, drafted by an informal working group, which specifies an equation to calculate IBR generation loss for the Attachment 1 IBR generation loss event type. The EOP-004 reporting form will now be Attachment 3. The proposed equation was modeled after BAL-001-2. The DT discussed the inclusion of the term “Telemetry data”, the two defined variables, and whether use of “generation” creates a conflict for charging / discharging batteries. An observer proposed referencing “IBR Real Power Output loss” to account for batteries. Further battery discussion was tabled until DT members can review how they are handled by other Interconnections. The DT also proposed to keep the IBR generation loss reporting threshold for each Interconnection under Attachment 1.

3. Next Step(s)

- a. Developer to share PRC-028, PRC-029, and PRC-030 with the DT to review, as they will discuss their relation to EOP-004 and IBR generation loss at a future DT meeting.
- b. DT members to review how the Interconnections handle battery charging / discharging before continuing the discussion of the newly proposed Attachment 2 IBR generation loss equation.
- c. NERC EA SME to follow up to determine if NERC could provide the submitting entity confirmation that it received the DOE-417 form submission.
- d. Project is tentatively scheduled to post for 45-day formal comment and additional ballot in late July 2025.

4. Adjourn

- a. The meeting adjourned at 4:28 p.m. Eastern by consent.

Attachment 1

Name	Company	Member/ Observer	Attendance (Y/N)
Charlie Cook	Duke Energy	Member	Y
Ali Miremadi	California ISO	Member	Y
Patrick Gravois	ERCOT	Member	Y
Michael Ropp	Sandia National Laboratories	Member	N
Filippo Benigni	Florida Power & Light	Member	N
Todd Bennett	AECI	Member	Y
Kellie Macpherson	Radian Generation (consulting)	Member	N
Cindy Robert	Hydro-Quebec	Member	Y
Rebecca Skalko	MISO	Member	Y
Mario L. Kiresich	SCE	Member	N
Rob Robertson	Leeward Renewable Energy	Member	Y
Dominique Love	NERC	Developer	Y
Michael Gabor	NERC	Developer	Y
Ruida Shu	NPCC	Observer	N
Terri Pyle	Oklahoma Gas & Electric	Observer	N