

Meeting Notes

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

June 2, 2025 | 2:00 – 4:00 p.m. Eastern

WebEx

Administrative

1. Introductions

The meeting was brought to order by the Chair, Charlie Cook at 2:04 p.m. Eastern on June 2, 2025. The 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 not achieved as 4 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.

4. Review of Parking Lot Items

Developer reviewed the remaining Parking Lot items.

Agenda Items

1. Informal Comment Period

- a. Revisit “DC line”
 - i. DT discussed its past determination to use “DC line” under “Attachment 1: Reportable Events”, “Event Type” category and considered the Electric Reliability Organization Event Analysis Process Version 4 document’s use of “dc tie” (specifically lowercase “dc”). DT reaffirmed use of uppercase “DC”, based on best engineering practices and conventions.
- b. Discuss NAGF Question
 - i. DT discussed the following question from NAGF: Is this 500 MW threshold based on the aggregate of a single GO/GOP IBR? The DT clarified that the “IBR loss” event reporting category is currently applicable to Balancing Authorities (BAs) and the 500 MW threshold has been revised to an Interconnection-based tiered approach. DT members requested that a NAGF representative be invited to join a future DT meeting to further clarify and discuss their question.
- c. IP timeframes from Projects 2020-06, 2021-04, and 2023-02
 - i. Based on Implementation Plan (IP) dates, does the reporting in EOP-004 require data from the PRC standards?
 - (1) Project 2020-6 (Inverter-Based Resource Glossary Term) passed final ballot and was adopted by FERC and related comments have now been addressed. The scopes for projects 2021-04 (PRC-028) and 2023-02 (PRC-030) and EOP-004 are system protection and communication, respectively, making data gathering requirements for each different. EOP-004 is not a generator standard, but a BA standard and it is not imposing additional data requirements beyond what is already available to the BA. DT concluded that the EOP-004 and these PRC IPs do not need to be coordinated because they are not related. The DT also recommended to further discuss this comment when the NAGF joins a future DT meeting.
- d. Review themes from Question 3
 - i. DT discussed a submitted concern that the initially proposed 500 MW reporting threshold was too low. DT addressed this concern by proposing a more risk-based approach based on increased reporting thresholds based on Interconnections using what data are available.
 - ii. DT discussed a submitted concern that PRC-028 data requirements will trigger installation of disturbance monitoring equipment (DME), which will contribute to increased reporting under EOP-004 and BA data requests for IBRs. DT did not see a cause and effect between PRC-028 and EOP-004, as the DT is proposing BAs use data that are already available to them and not through installation of new equipment.
 - iii. DT discussed a submitted concern that it ensures that BAs and GOs have access to data that will be provided by equipment installed by IBR facilities in response to projects 2021-04 (PRC-028) and 2023-02 (PRC-030). The DT clarified that EOP-004 data requirements are

independent of PRC-028 and PRC-030, and that EOP-004 data requirements can be met without these PRC requirements.

- iv. DT discussed a submitted concern by an entity not able to estimate the cost effectiveness of EOP-004 because they didn't know how much new, installed telemetry will be required. The DT concluded that this comment was addressed by the proposed Attachment 2 language specifying BAs use Telemetry data available to them. As proposed, EOP-004 does not require installation of new data-gathering equipment.

2. Next Step(s)

- a. DT will discuss Question 4 major and minor themes and begin Technical Rationale revisions and assignments at the next DT meeting. DT will also need to discuss the project's webinar needs and approach.
- b. Developer discussed the updated project's timeline and that it is tentatively scheduled to post for 45-day formal comment and additional ballot in late-September 2025.

3. Adjourn

- a. The meeting adjourned at 3:05 p.m. Eastern by consent.

Parking Lot

Topic	Due Date
Developer to arrange NAGF participation at a future DT meeting to further discuss their IBR question and IP comment regarding Question 2.	June 30, 2025
Developer to summarize the informal comment period responses to Question 4.	June 30, 2025
DT to discuss future webinar approach and needs.	June 30, 2025
Developer to reach out to BPA to get clarification on their comment and then follow up with NERC EA staff for their input on reporting expectations on event reporting category 1.j.	June 30, 2025
Developer to include a question for the next comment form asking whether what the DT proposed clarifies which telemetry data (BES vs. BPS) are to be included in the calculation.	July 31, 2025
Provide additional background on battery charging vs. discharging in the Technical Rationale.	July 31, 2025
Clarify how to cite Generator Owner (GO) and Generator Operator (GOP) from under the Applicability section considering Category 1 and Category 2 designations.	July 31, 2025

Add graphs, etc. to the Implementation Guidance to support the IBR generation loss event reporting category and illustrate the 30 second or less period.	July 31, 2025
Include materials on / examples for solar ramping down, end of day, cloud cover, and false positive in Technical Rationale.	July 31, 2025

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	N
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	N
Rebecca Skalko	MISO	Member	N
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