

# Agenda

## Project Management and Oversight Subcommittee Call

May 16, 2023 | 2:30–4:30 p.m. Eastern

Dial-in: 1-415-655-0002 | Access Code: 2305 167 7993 | Meeting Password: 05162023

Click here for: [join WebEx](#)

### Introduction and Chair's Remarks

[NERC Antitrust Compliance Guidelines](#) and [Public Announcement\\*](#)  
[NERC Participant Conduct Policy](#)

### Agenda Items

1. **Consent Agenda and Meeting Minutes - Approve - Mike Brytowski**
  - a. March 21, 2023 Project Management and Oversight Subcommittee Meeting Minutes\*
2. **PMOS Action Items - Review - Mike Brytowski / Ben Wu**
  - a. PMOS Action Items Review - Mike Brytowski / Ben Wu
  - b. PMOS Scope and Responsibilities - Mike Brytowski
3. **Project Tracking Spreadsheet ([PTS](#)) - Review**
  - a. 2016-02d – Modifications to CIP Standards - **Update** - Ken Lanehome / Kirk Rosener
  - b. 2017-01b – Modifications to BAL-003-1 - **Update** - Pamela Hunter / Charles Yeung
  - c. 2019-04 – Modifications to PRC-005 - **Update** - Joseph Gatten / Sarah Habriga
  - d. 2020-02 – Modifications to PRC-024 (Generator Ride-through) - **Update** - Pamela Hunter / Anthony Westenkirchner
  - e. 2020-04 – Modifications to CIP-012-1 - **Update** - Sarah Habriga / Ken Lanehome
  - f. 2020-06 – Verifications of Models and Data for Generators - **Update** - Sarah Habriga / Ellese Murphy
  - g. 2021-01 – Modifications to MOD-025 and PRC-019 - **Update** - Kirk Rosener / Ruida Shu
  - h. 2021-02 – Modifications to VAR-002-4.1 - **Update** - Joseph Gatten / Anthony Westenkirchner
  - i. 2021-03 – Transmission Owner Control Centers (TOCC) - **Update** - Ellese Murphy / Ken Lanehome

- j. 2021-04b – Modifications to PRC-002-2 (Phase 2) / development of PRC-028-0 - **Update** - *Mike Brytowski / Charles Yeung*
- k. 2021-06 – Modifications to IRO-010 and TOP-003 - **Update** - *Mike Brytowski / Charles Yeung*
- l. 2021-07b – Extreme Cold Weather Grid Operations, Preparedness, and Coordination (Phase 2) - **Update** - *Mike Brytowski / Kirk Rosener*
- m. 2021-08 – Modifications to FAC-008-5 - **Update** - *Ken Lanehome / Sarah Habriga*
- n. 2022-01 – Reporting ACE - **Update** - *Claudine Fritz / Ruida Shu*
- o. 2022-02 – Modifications to TPL-001-5.1 and MOD-032-1 - **Update** - *Ellese Murphy / Terri Pyle*
- p. 2022-03 – Energy Assurance with Energy-Constrained Resources - **Update** - *Ken Lanehome / Joseph Gatten*
- q. 2022-04 – EMT Models in NERC MOD, TPL, and FAC Standards - **Update** - *Claudine Fritz / Charles Yeung*
- r. 2022-05 – Modifications to CIP-008 Reporting Threshold - **Update** - *Ellese Murphy / Ruida Shu*
- s. 2023-01 – EOP-004 IBR Event Reporting - **Update** - *Ruida Shu / Terri Pyle*
- t. 2023-02 – Performance of IBRs Standard Authorization Request - **Update** - *Terri Pyle / Claudine Fritz*
- u. 2023-03 – Internal Network Security Monitoring (INSM) - **Update** - *TBD*
- v. 2023-04 – Modifications to CIP-003 - **Update** - *TBD*

#### 4. Other

- a. PMOS liaison assignment review - *Mike Brytowski / All*
- b. Next meeting: In Person  
Tuesday, July 18, 2023 from 2:00-4:00 p.m. Local Time (Central)  
Midwest Reliability Organization (MRO)  
380 St Peter St. #800  
St, Paul, MN 55102
- c. Other

#### 5. Adjournment

\*Background materials included.

## Public Meeting Notice

REMINDER FOR USE AT BEGINNING OF MEETINGS AND CONFERENCE CALLS THAT HAVE BEEN PUBLICLY NOTICED AND ARE OPEN TO THE PUBLIC

### **Conference call/webinar version:**

As a reminder to all participants, this webinar is public. The registration information was posted on the NERC website and widely distributed. Speakers on the call should keep in mind that the listening audience may include members of the press and representatives of various governmental authorities, in addition to the expected participation by industry stakeholders.

### **Face-to-face meeting version:**

As a reminder to all participants, this meeting is public. Notice of the meeting was posted on the NERC website and widely distributed. Participants should keep in mind that the audience may include members of the press and representatives of various governmental authorities, in addition to the expected participation by industry stakeholders.

### **For face-to-face meeting, with dial-in capability:**

As a reminder to all participants, this meeting is public. Notice of the meeting was posted on the NERC website and widely distributed. The notice included the number for dial-in participation. Participants should keep in mind that the audience may include members of the press and representatives of various governmental authorities, in addition to the expected participation by industry stakeholders.

# Meeting Minutes

## Project Management and Oversight Subcommittee (PMOS)

March 21, 2023 | 2:00 – 4:00 p.m. Central Time

### Introduction and Chair's Remarks

Chair M. Brytowski called the meeting to order at 2:00 p.m. Central (Local Time). The meeting was announced and publicly posted on the [www.nerc.com](http://www.nerc.com) website. The Chair provided the subcommittee with opening remarks and welcomed members<sup>1</sup> and guests. See Attachment 1 for those in attendance.

### NERC Antitrust Compliance Guidelines, Participant Conduct Policy, and Public Announcement

The NERC Antitrust Compliance Guidelines, NERC Participant Conduct Policy, and the Public Announcement were presented and reviewed by B. Wu. Mr. Wu noted the full antitrust guideline, participant conduct policy, and public announcement were provided in the agenda package to each member via email and posted on the PMOS webpage.

### Safety Briefing

M. Harward provided safety briefing at the beginning of the meeting.

### Agenda Items

#### Consent Agenda

The chair made a motion to approve proposed agenda and February 21, 2023 PMOS meeting minutes. The motion was moved by C. Yeung and seconded by E. Murphy. The proposed meeting agenda and February 21, 2023 PMOS meeting minutes were approved by the PMOS members.

#### PMOS Action Items (Agenda Item 1)

- a. PMOS action items review: no outstanding action items at this time.
- b. Project Grading/Prioritization: Process Manual has not been approved by the industry yet, so the Standards Grading Process and Periodic Reviews to prioritize projects will be postponed.

#### Project Tracking Spreadsheet (PTS) and Project Review (Agenda Item 2)

- c. 2016-02 – Modifications to CIP Standards:

K. Lanehome reported: SDT is meeting weekly to work on edits to the standards for an additional posting. They're getting close to finalizing their CIP-010 draft but will need more time to work on

---

<sup>1</sup> The PMOS is composed of industry stakeholders where the chair or vice chair must be a member of the Standards Committee (SC) and the SC leadership are non-voting members of the PMOS.

CIP-005. The tracking spreadsheet currently shows an expected early April comment and ballot period but it will more likely be late April to early May.

d. 2017-01b – Modifications to BAL-003-1:

L. Harkness reported: Project 2017-01 is currently on hold while a determination is made regarding the potential need for an analysis to be conducted, or a detailed technical justification to be developed, for using “median” v. “mean” for Frequency Response Measure in Attachment A.

e. 2019-04 – Modifications to PRC-005:

L. Harkness reported: The SDT are looking to take standard specific definitions and have them moved to the GOT. The Project 2019-04 will be presented to the Standards Committee at their April 2023 meeting for approval for an initial 45-day posting period with a 10-day ballot and, upon approval, is scheduled to post on April 24th.

f. 2020-02 – Modifications to PRC-024 (Generator Ride-through):

L. Harkness reported: The SAR Drafting Team has been set. The team is currently in the process of going through the industry comments. A lot of the discussions have centered on the inclusion or exclusion of auxiliaries in the scope due to differences in IBRs and synchronous generators. More to come as the team continues working through industry comments.

g. 2020-04 – Modifications to CIP-012-1:

K. Lanehome: This project is on the SC agenda to appoint additional members to replace some that have left and add additional expertise. Meetings will be scheduled once the new members are approved. The timeline for the next posting has been updated on the tracking spreadsheet to June.

h. 2020-06 – Verifications of Models and Data for Generators:

E. Murphy reported: MOD-026-2 (Draft 2) comment and ballot concluded on January 18th. The revisions did not pass ballot. The Top three items to address are identified, and 2 of the 3 have responses/recommended action. SDT held meetings on 01/24, 02/15, and 03/22 to discuss responses to comments. The goal for the next posting is May 2023, after additional outreach.

i. 2021-01 – Modifications to MOD-025 and PRC-019:

K. Rosener reported: Over the past month the SDT has completed a significant majority of the responses to Industry questions on MOD-025 and PRC-019. The current goal is for pencils to be down by the end of March, move into Quality Review for both standards and an additional posting in late April 2023.

j. 2021-02 – Modifications to VAR-002-4.1:

R. Shu reported: The initial comment period and ballots concluded at 8:00 p.m. Eastern on Friday, January 13. The results of the ballot can be found on the SBS website under ballot results. The SDT is reviewing comments received from industry and will be scheduling two to three public SDT meetings over the course of approximately 4 weeks, with dates to be confirmed. The SDT will

make revisions to the Draft Version I VAR-002-5 based on comments received and will move to an additional 45-day comment period with a 10-day ballot following the SDT meetings.

k. 2021-03 – Transmission Owner Control Centers (TOCC):

E. Murphy reported: The SDT is working to incorporate additional inclusion characteristics into the Criterion 2.12 in addition to the previously proposed aggregate weighted value. The team reviewed the CIP-002 Communication Serial Converts RFI and determined changes are needed and proposed to NERC staff that the RFI be upgraded to a SAR so they can make those modifications. The SAR was accepted by the Standards Committee in February for the project to address and post for a formal 30-Day comment period ending on March 31, 2023. The posting date will be verified.

l. 2021-04 – Modifications to PRC-002-2 (Phase One):

C. Yeung reported: The petition for phase one has been filed with FERC. Phase one should be retired from PTS.

m. 2021-04b – Modifications to PRC-002-2 (Phase Two):

C. Yeung reported: Phase two is currently ongoing. The SDT will meet in person on April 5 & 6, 2023. When the SDT finishes relining the Standard, VRFs, VSLs, and Implementation Plan, the documents will be sent out for Quality Review.

n. 2021-05 – Modifications to PRC-023-4:

C. Fritz reported: The proposed Standard passed final ballot and was approved by the Board of Trustees on February 16, 2023. The petition was sent to FERC for adoption. The chair and vice chair suggest retiring this project from the PTS.

o. 2021-06 – Modifications to IRO-010 and TOP-003:

M. Brytowski reported: The Project passed initial ballot. The SDT will discuss if they should repost for the additional ballot or directly go to the final ballot.

p. 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination (Phase One)

M. Brytowski reported: Phase 1 of the project passed final ballot. Suggesting retiring it from the PTS.

q. 2021-07b – Extreme Cold Weather Grid Operations, Preparedness, and Coordination (Phase Two)

M. Brytowski reported: The team has started phase 2 drafting work. On February 16, 2023, FERC issued an order approving the phase one standards and directing changes to EOP-012. An Initial ballot for phase 2 that only includes EOP-011 and TOP-002 standards started at the end of February. The team is currently working on EOP-012 to include the recommendations from Phase 2 as well as the directives from FERC. An initial posting for that standard only is expected in May 2023. Going forward, the team will attend to have all additional postings for this project at the same time.

r. 2021-08 – Modifications to FAC-008-5

- K. Lanehome reported: The SDT met in person on March 13 & 14, 2023 in the NERC office in Atlanta. The SDT finished relining the Standard, VRFs, VSLs, and Implementation Plan and developed the Technical Rationale Document. Next steps: the SDT members will take a final review of the documents before sending them out for Quality Review. After the Quality Review, SDT will make the documents as final draft and then send the documents to the SC for approval for initial posting.
- s. 2022-01 – Reporting ACE Definition and Associated Terms
- C. Fritz reported: The project went out for ballot on Jan 31st, 2023 and balloting/comments end March 16th. It went out as individual ballots for each definition modification.
- t. 2022-02 – Modifications to TPL-001-5.1 and MOD-032-1
- E. Murphy reported: The project is under quality review. The SDT will meet on March 27, 2023 to review the comments received from the Quality Review Team. The next step would be sending the documents to the SC for approval for initial posting.
- u. 2022-03 – Energy Assurance with Energy-Constrained Resources
- K. Lanehome reported: The redlined SARs were accepted and the SAR DT was promoted to the SDT to start standards development at the January Standards Committee (SC) meeting. SDT had several meetings to discuss how to approach standards development. At their March 2, 2023 meeting, the SDT decided to split into two sub teams to work on language for each SAR concurrently. The goal is for the sub teams to have, at a minimum, three meetings before their in-person meeting which is scheduled in Atlanta for May 9-10, 2023.
- v. 2022-04 – EMT Models in NERC MOD, TPL, and FAC Standards
- C. Fritz reported: The Standards Committee (SC) accepted the SAR and authorized solicitation for members for the SAR DT at the July 20, 2022 meeting. The informal comment period and the solicitation for the SAR Drafting Team member period ran from August 11 – September 13, 2022. The appointment of the SAR DT is on the December 13, 2022 SC agenda. The SAR DT had its kickoff meeting on February 14th, 2023 with an in-person team meeting scheduled for April 4-5, 2023.
- w. 2022-05 – EMT Models in NERC MOD, TPL, and FAC Standards
- E. Murphy/A. Oswald reported: The nomination period for SAR Drafting Team members has closed, and the SAR drafting team members have been selected. The team has 4 meetings scheduled in March to begin revisions on the SAR. The team will attempt to have the revised SAR presented to the SC in May 2023.
- x. 2023-01 – EOP-004 IBR Event Reporting
- R. Shu reported: SAR comment and the nomination period ended on March 8, 2023. SAR DT references are being gathered. SAR DT Recommendation planned for April 19 SC meeting and SAR DT kickoff in late April or early May.
- y. 2023-02 – Performance of IBRs



B. Wu reported: Nominations are being sought for drafting team members through 8 p.m. Eastern, Thursday, March 23, 2023.

### **Other (Agenda Item 3)**

- z. Project assignments: Terri Pyle was assigned as primary liaison for 2023-02 (Primary), and Claudine Fritz as a backup.
  - aa. A. Oswald brought up that in 2022, 6 projects had their postings extended due to not meeting quorum. The range of these extensions was from 1 – 9 days, with an average of three working days. The standards department is bringing this to the attention of the PMOS for transparency and to propose that a new complexity factor be included in the Project Tracking Spreadsheet to accurately reflect delays that standards development projects are faced. The proposal is a complexity factor of five days to account for the working day average of the extensions, three days, with the addition of two days to account for weekends or holidays that might have fallen in the extended timeframe. After the discussion, the PMOS had no issue adding a complexity factor to the Project Tracking Spreadsheet due to projects not reaching quorum. This will be done soon.
  - bb. C. Larson proposed to modify the PTS by adding a step, “SAR - SAR Revise/Response”, to the scheduling dates. This step seems missing from the existing PTS. Adding this step will add 60 days to the schedule. For example, if a project shows 60 days behind schedule, now will show on time, which is more accurate in reality. The PMOS agrees that this step should be captured and accounted for. SAR - SAR Revise/Response should be added to PTS in the future.
  - cc. Next meeting (WebEx):  
Tuesday, May 16, 2023 from 2:30 - 4:30 p.m. Eastern Time

### **Adjournment (Agenda Item 4)**

The meeting was adjourned at 3:58 p.m. Central (local time).



**Attachment 1 (March 21, 2023)**

<b>Name</b>	<b>Company</b>	<b>Member/Observer</b>	<b>Date</b>
Donald Minster	SPP	Observer	3/21/2023
Rachel Coyne	Texas RE	Observer	3/21/2023
Chris Larson	NERC	NERC Staff	3/21/2023
Sharon Mayers	Worley	Observer	3/21/2023
Kirk Rosener	CPS Energy	Member	3/21/2023
Lauren Perotti	NERC	NERC Staff	3/21/2023
Dominique Love	NERC	NERC Staff	3/21/2023
Ben Wu	NERC	Secretary	3/21/2023
Mike Johnson	PGE	Observer	3/21/2023
Michael Brytowski	GR Energy	Chair	3/21/2023
Kimberlin Harris	NERC	NERC Staff	3/21/2023
Ken Lanehome	BPA	Member	3/21/2023
Alison Oswald	NERC	NERC Staff	3/21/2023
Sarah Crawford	NERC	NERC Staff	3/21/2023
Wendy Muller	NERC	NERC Staff	3/21/2023
Latrice Harkness	NERC	NERC Staff	3/21/2023
Mia Wilson	SPP	Observer	3/21/2023
Ruida Shu	NPCC	Member	3/21/2023
Terri Pyle	OGE	Member	3/21/2023
Scott Barfield-McGinnis	NERC	NERC Staff	3/21/2023
Claudine Fritz	Exelon Corp.	Member	3/21/2023
Troy Brumfield	ATC LLC	Observer	3/21/2023
Amy Casuscelli	Xcel Energy	SC Chair	3/21/2023
Charles Yeung	SPP	Vice Chair	3/21/2023
Deborah Currie	SPP	Observer	3/21/2023
Ellese Murphy	Duke Energy	Member	3/21/2023
Joel Dembowski	Southern Company	Observer	3/21/2023
Sarah Snow	Cooperative Energy	Observer	3/21/2023
Todd Bennett	AECI	SC Vice Chair	3/21/2023