

Agenda

Project Management and Oversight Subcommittee Meeting

January 16, 2024 | 2:30–4:30 p.m. Eastern

Dial-in: 1-415-655-0002 | Access Code: 734 167 043 | Meeting Password: 011624

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Introduction and Chair's Remarks

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

Agenda Items

1. **Consent Agenda and Meeting Minutes - Approve - Mike Brytowski**
 - a. December 12, 2023 PMOS Meeting Minutes*
2. **PMOS Action Items - Review - Mike Brytowski**
 - a. PMOS Action Items Review - Mike Brytowski
 - b. PMOS liaison assignment review - Mike Brytowski / All
 - c. 2024 PMOS Meeting Schedule - Chris Larson
3. **[Project Tracking Spreadsheet](#) - Review**
 - a. High Priority Projects - respective PMOS liaison
4. **Other**
 - a. PMOS Scope and Responsibilities - Mike Brytowski
 - b. Next meeting: Tuesday, February 20, 2024, 2:30-4:30 p.m. Eastern
 - 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)

December 12, 2023 | 2:00 – 4:00 p.m. Eastern

ATL-Conf-612
3353 Peachtree Road N.E, Suite 600 – North Tower
Atlanta, GA 30326

Safety Briefing

Dan Hazelwood provided safety briefing to the in person attendees.

Introduction and Chair's Remarks

Chair M. Brytowski called the meeting to order at 2:00 p.m. Eastern. The meeting was announced and publicly posted on the www.nerc.com website. The Chair provided the subcommittee with opening remarks and welcomed members¹ and guests. The chair also thanked the PMOS liaisons for their hard work this past year, recognizing there were so many projects being tracked. Attendance was taken at the meeting. 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 guidelines, participant conduct policy, and public announcement, which were provided in the agenda package to each member via email and posted on the PMOS webpage.

Agenda Items

1. Consent Agenda

- a. The chair made a motion to approve the proposed agenda and November 7, 2023, PMOS meeting minutes. Donovan Crane moved the motion to approve the proposed meeting agenda and November 7, 2023 PMOS meeting minutes which Jason Chandler seconded. The PMOS members approved the proposed meeting agenda and November 7, 2023 PMOS meeting minutes.

2. NERC Project Prioritization

M. Brytowski provided an update on the Project Prioritization.

PMOS is tracking 24 projects.

- 10 High priority projects - 2016-02, passed

¹ 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.

- 4 Medium priority projects - 2020-4, passed
- 10 Low priority projects

Currently one project out for comment / ballot.

2020-06 Verifications of Models and Data for Generators - Medium priority

- Initial ballot - closes 1/9/24
- IBR & IBR Unit definition

Ballot activity since 11/5 SC meeting - 5 projects w/comment/ballots

2022-02 Modifications to TPL-001 and MOD-032 | Draft 2 - Low priority

- Failed, - 39%, previous ballot 42%
- DER definition

2016-02 Modifications to CIP Standards | Virtualization - High priority - Passed final ballot!

- Over 80% approval
 - CIP-010-5 - Configuration Change Management and Vulnerability Assessments
 - CIP-007-7 - System Security Management
 - CIP-005-8 - Electronic Security Perimeter(s)
 - CIP-004-7 - Personnel & Training
 - CIP-003-9 - Security Management Controls

2021-07 Extreme Cold Weather Grid Operations, Preparedness, and Coordination | Phase 2 EOP-012-2, High priority - second draft

- Failed, 59%

2020-04 Modifications to CIP-012 - Communications between Control Centers, Medium priority

- Passed 4th draft 80%, final ballot 88%

2023-04 Modifications to CIP-003 - Security Management Controls, High priority - initial draft

- Failed w/35% approval

PMOS updates

- 16 PMOS members (liaisons)
- Meeting with NERC to discuss PMOS roles/ expectations

- Outcome of meeting will be shared at the end of the meeting

3. PMOS Action Items

- a. PMOS action items were reviewed. Ben Wu mentioned that the PMOS liaisons' list has been finalized, and extranet access will be granted to the PMOS members.
- b. Meeting schedule for 2024 was reviewed. Dates could be changed if they need to be changed. No one has concerns with the schedule at this point.
- c. PMOS 2024 meeting schedule was reviewed. The chair suggested that PMOS should have monthly meetings in conjunction with the SC meetings starting next year due to the number of projects. The WebEx meetings might not need two hours, but they are scheduled for two hours as a placeholder.

4. PMOS New Membership Review and Approve

Another nomination was received after the PMOS July 2023 meeting. Ron Sporseen from Bonneville Power Administration was approved to be a PMOS member by the chair and vice chair.

5. Project Tracking Spreadsheet (PTS) and Project Review

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

R. Shu reported that the project's draft version five concluded its industry comment and ballot period on November 29, 2023. The ballot passed with 93.80% approval for CIP-003-10, 84.73% approval for CIP-004-8, 72.73% approval for CIP-005-8, 89.32% approval for CIP-007-7, and 74.46% approval for CIP-010-5. The SDT met on December 4, 2023, to divide all the industry comment questions among individual drafting team members. Due to the upcoming holiday season, the SDT plans to convene in January 2024. The goal is for all the drafting team members to review the industry comments individually by January 10, 2024, so they can convene as a group on January 10 and 19, 2024, to work on responding to the comments.

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

C. Yeung reported: The SDT's last meeting was held on Friday, August 18, 2023. Responses to industry comments were reviewed with some concerns raised about the messaging to industry regarding the intent/goal of the requirements such that the ballot continues to fail. When looking across the comments and ballots for this project, there seems to be a misunderstanding of what the SDT asks for in the requirement. A possible solution discussed was providing additional reference documents during the next posting and continued outreach. The next meeting of the SDT will be held on September 6, 2023, and the SDT will continue working to progress this project to the next posting.

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

J. Gatten reported that SDT still responds to industry comments and related updates. The next step would be complete responses to industry comments and updates to the standard. The SDT will look to do an additional 45-day comment period with a 10-day ballot in early January 2024.

- d. 2020-02 – Modifications to PRC-024 (Generator Ride-through):
J. Calderon reported that the SDT is near the informal comment period for the Nov. and initial ballot prep. The current projected initial ballot will be in early Q1 2024.
- e. 2020-04 – Modifications to CIP-012-1:
S. Habriga/J. Gatten reported: The final ballot closed on December 8, 2023. The ballot passed with 88.36% approval on the Standard and 90.19% on the Implementation Plan. Next step would be presenting to BOT for adoption on December 12, 2023. Then file with FERC.
- f. 2020-06 – Verifications of Models and Data for Generators:
S. Habriga reported: An initial ballot and comment period is in progress from November 16 - January 9, 2023 for IBR-related definitions. New ballot pools are being formed until December 15. Definitions are being balloted separately from MOD-026-2. DT held an industry webinar for the posting on December 5.
- g. 2021-01 – Modifications to MOD-025 and PRC-019:
R. Shu/J. Calderon reported that DT has a new MOD-025-3 draft completed and is considering an Informal Comment period for January. DT is conducting outreach for PRC-019, revising PRC-019, and Considering Comments. PRC-019 requirement language depends on the proposed IBR definitions, which will conclude initial ballot January 9, 2023 (Project 2020-06).
- h. 2021-02 – Modifications to VAR-002-4.1:
J. Gatten reported that draft three failed balloting with 51% approval for Standard and 62 % for IP. The draft team will review industry comments and prepare for the next posting. No new posting through Q2 of 2024 as it is designated as low priority.
- i. 2021-03 – Transmission Owner Control Centers (TOCC):
D. Grumman reported that Group A and Group posted draft one revisions on September 26th, 2023, and the posting concluded on November 9, 2023. The posting included a new Control Center Definition and CIP-002 changes. The draft did not pass and had a 34% approval rating. The team is set to resume meeting in December and begin reviewing and responding to comments.
- j. 2021-04b – Modifications to PRC-002-2 (Phase Two):
M. Brytowski reported: The initial posting of phase two of this project failed to pass with PRC-002 of 61% approval and PRC-028 of 43% approval from the industry. The SDT is currently reviewing the comments received from the industry. The SDT will wait for the IBR definition to be approved and added to the NERC Glossary of Terms before the next posting, sometime in January 2024.
- k. 2021-07b – Extreme Cold Weather Grid Operations, Preparedness, and Coordination (Phase Two)
M. Brytowski reported: Failed at 59%.

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

S. Habriga reported that the documents' final draft were approved for initial posting at the SC's August meeting (August 23, 2023). The initial posting started on September 5, 2023, and closed on October 19, 2023. The SDT will meet in person on November 6 - 7, 2023, to review the results and comments received from the industry. This is a low priority project. The additional posting will be postponed to July 2024.

m. 2022-01 – Reporting ACE Definition and Associated Terms

C. Fritz reported: This was approved in July by Standards Committee but seems to have been delayed in posting for ballot. It appears it may be posted the week of September 18th, 2023.

n. 2022-02 – Modifications to TPL-001-5.1 and MOD-032-1

M. Brytowski/B. Wu reported: The second posting failed again. The SDT will review ballot results and comments received from the industry in January 2024. Due to this is a low priority project, the third posting will be postponed to July, 2024.

o. 2022-03 – Energy Assurance with Energy-Constrained Resources

J. Gatten reported that the SDT met on December 8, 2023. The next step for the SDT would be to compare requirements against the informal comment period suggestions to ensure that key concepts were captured. The SDT will check for overlapping between (new) BAL-007-1 and TOP/EOP standards. Anticipate presenting to the Standards Committee in January with a January 23 - March 7 Posting. SDT discussed concerns around R8 – Certain BA's calculation of the largest N-1 Contingency could result in not being able to meet the standard as written. Revisions were made for the calculation of the largest N-1 contingency to be within the BA's footprint. Proposed language for R3 was incorporated in the standard. Proposed language for R3 was incorporated in the standard. SDT clarified energy and fuel contingency portions in Attachment 1.

p. 2022-04 – EMT Models in NERC MOD, TPL, and FAC Standards

C. Fritz reported: Although this is a low priority project at this point, the team is continuing to meet about every three weeks on drafting updates. As the team is looking at revising several standards, the DT started drafting revisions to FAC-002. Once complete, an informal comment period will be pursued.

q. 2022-05 – Modifications to CIP-008 Reporting Threshold

R. Shu reported: The team is beginning to work through revising CIP-008. They are taking a big-picture view of the issues and considering if their approach should leverage standard language revisions, revisions to glossary terms, or both. Projected initial posting is Q1 of 2024.

r. 2023-01 – EOP-004 IBR Event Reporting

R. Shu reported: The DT continues to conduct outreach and will hold a DT meeting on December 8, 2023. They plan to finalize the revised language to the EOP-004 IBR event reporting threshold and conduct an informal comment period beginning in late January.

- s. 2023-02 – Performance of IBRs
 - a. C. Fritz reported: SDT Meeting (8/29): Finalized the responses to the comments received and drafted a revised SAR.
Next Steps: Submit draft SAR for Standards Committee October Agenda.
- t. 2023-03 – Internal Network Security Monitoring (INSM)
 - R. Shu/J. Gatten reported: The SDT has met several times weekly to work on the standard(s) revisions. The team finalized all the documents for the industry comment period. The SDT also met on November 27 and 28, 2023, to review and update the Quality Review Inputs. The project is sent to the SC to review and authorize initial posting at its December 13, 2023, meeting.
- u. 2023-04 – Modifications to CIP-003
 - R. Sporseen reported: Initial ballot and comment period in progress until December 7. The drafting team is planning an in-person meeting to review industry comments and make revisions December 11-12.
- v. 2023-05 – Modifications to FAC-001 and FAC-002
 - D. Crane reported that things got pushed, and the DT will look to be seated in December. No other big updates on this one.
- w. 2023-06 – CIP-014 Risk Assessment Refinement
 - C. Fritz reported: This high priority project has the drafting team meeting twice per week. The team is finishing the responses to the SAR comments and SAR revisions and expects to begin drafting early in 2024. The initial draft is expected by the end of Q1 2024.
- x. 2023-07 – Modifications to TPL-001-5.1 Transmission System Planning Performance Requirements for Extreme Weather
 - J. Chandler reported that the SDT has made significant progress. A decision has been made to create a new standard (TPL-008) rather than modify TPL-001, and an initial posting for comments is expected in February 2024. The SDT will also hold an informational seminar in mid-January to provide context and the scientific basis for decisions included in the standard.
- y. 2023-08 – Modifications to MOD-031 Demand and Energy Data
 - D. Grumman reported: This is a Low priority project. Nomination period was closed on November 9, 2023. The next step would be waiting on Drafting Team member(s) selection.

6. Other

- a. Reviewed the roster to identify assignment issues and evenly spread the high-priority projects among the PMOS liaisons. Darrel Grumman will be added to Project 2020-02 as a second backup liaison. The primary and backup PMOS liaisons were swiped for Project 2023-02. Claudine Fritz will be primary, and Terri Pyle will be backup.
- b. The chair shared the premeeting discussions with NERC staff on PMOS guidance.

Possible actions/questions at a standards drafting team meeting:

Provide an independent perspective of how a posting may be viewed by industry stakeholders based on their knowledge of other standards activities past or present;

Is the team making addressing comments in a manner that will move the project towards consensus? If not, what may be causes?

Monitor/observe whether the team schedule is on track to meet the proposed schedule. Will delays be needed, and why? Were complexity factors appropriate in setting the schedule?

Inform team of any PMOS/SC concerns regarding project posting schedule, meeting frequency, etc.

Helping Team Effectiveness:

The PMOS liaison – with an independent perspective - may be able to identify better and express key industry perspectives submitted by commenters and help the team formulate a response that appropriately communicates the debate and solution (example: Project 2022-02 – Modifications to TPL-001 & MOD-032).

The PMOS liaison may suggest an industry webinar if written communications are insufficient to address industry comments.

Possible actions/updates for the PMOS update:

An assessment of drafting teams’ ability to address industry concerns – may include project scope (too broad or too narrow) and lack of clarity in scope.

Update the PMOS/SC on drafting team hurdles and points of conflict that are potential roadblocks for successful ballots.

Any logistical or administrative hindrances for the team? Timely agendas and drafts? Sufficient manpower? Member attendance/participation?

Is the established prioritization level of the project appropriate? Should it be lowered or raised, and changes made to the project schedule?

Participation in standards drafting teams:

A PMOS liaison does not need to have subject matter expertise for the project they are assigned.

However, as may any meeting participant in a NERC open meeting, a liaison can contribute from the technical perspective as an observer – but should not expect to have any team member authority or privileges.

The liaison should be aware that their primary role is to help the team meet the project schedule and not act as a team member in terms of technical decisions. Stakeholders can always raise technical concerns through the standards comment process.

The primary liaison should coordinate with a backup liaison if they cannot attend a meeting.

Judgment should be used to determine whether a liaison should attend based on the meeting objective(s) and project progress.

c. Next meeting:

January 16, 2024 from 2:30-4:30 p.m. Eastern

d. Other

None.

7. Adjournment

The chair made a motion to adjourn the meeting, moved by R. Shu and then seconded by C. Fritz. After all members agreed, the chair adjourned the meeting at 3:58 p.m. Eastern.

Attachment 1 (December 12, 2023)

Name	Company	Member/Observer	Date
Jordan Mallory	NERC	Observer	12/12/2023
Alison Oswald	NERC	NERC Staff	12/12/2023
Joshua Phillips	SPP	Observer	12/12/2023
Kimberlin Harris	NERC	NERC Staff	12/12/2023
Sarah Crawford	NERC	NERC Staff	12/12/2023
Sharon Mayers	Worley	Observer	12/12/2023
Katrina Blackley	NERC	NERC Staff	12/12/2023
Alan Kloster	Evergy	Observer	12/12/2023
Mike Johnson	PGE	Observer	12/12/2023
Jill Loewer	Utility Services	Observer	12/12/2023
Rachel Coyne	Texas RE	Observer	12/12/2023
Claudine Fritz	Exelon Corp.	Member	12/12/2023
Jennifer Richardson	LS Power	Member	12/12/2023
Ruida Shu	NPCC	Member	12/12/2023
D. Henslee	FirstEnergy Corp.	Observer	12/12/2023
Joe Gatten	Xcel Energy	Member	12/12/2023
Josh Blume	NERC	NERC Staff	12/12/2023
Wendy Muller	NERC	NERC Staff	12/12/2023
Dave Krueger	SERC	Observer	12/12/2023
Kristine Martz	Amazon	Observer	12/12/2023
Sarah Habriga	ATC LLC.	Member	12/12/2023
Tricia Bynum	FirstEnergy Corp.	Observer	12/12/2023
Ben Wu	NERC	Secretary	12/12/2023
Troy Brumfield	ATC LLC.	Observer	12/12/2023
Kelly Crist	Engie	Observer	12/12/2023
Amy Casuscelli	Xcel Energy	SC Chair	12/12/2023
Jason Chandler	ConEdison	Member	12/12/2023
Donovan Crane	WECC	Member	12/12/2023
Gerry Dunbar	NPCC	Observer	12/12/2023
Venona Greaff	OXY	Observer	12/12/2023
Ron Sporseen	BPA	Member	12/12/2023
Michael Brytowski	GREnergy	Chair	12/12/2023
Charles Yeung	SPP	Vice Chair	12/12/2023
Todd Bennett	AECI	SC Vice Chair	12/12/2023