

Agenda

Project Management and Oversight Subcommittee Meeting

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

NERC – Atlanta
Conference Room 612
3353 Peachtree Road N.E., Suite 600 – North Tower
Atlanta, GA 30326

Dial-in: 1-415-655-0002 | Access Code: 2311 019 9687 | Meeting Password: 12122023
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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. November 7, 2023 Project Management and Oversight Subcommittee Meeting Minutes*
2. **NERC Project Prioritization - Mike Brytowski**
3. **PMOS Action Items - Review - Mike Brytowski / Ben Wu**
 - a. PMOS Action Items Review - Mike Brytowski / Ben Wu
 - I. PMOS Liaisons Contact Information Sharing
 - b. PMOS liaison assignment review - Mike Brytowski / All
 - c. 2024 PMOS Meeting Schedule - Ben Wu
4. **Project Tracking Spreadsheet (PTS) - Review**
 - a. 2016-02d – Modifications to CIP Standards - **Update** - Ruida Shu / 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 / Jennifer Richardson

- 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 / Darrel Grumman
- j. 2021-04b – Modifications to PRC-002 (Phase 2) / development of PRC-028-0 - **Update** - Mike Brytowski / Charles Yeung
- k. 2021-07b – Extreme Cold Weather Grid Operations, Preparedness, and Coordination (Phase 2 - **Update** - Mike Brytowski / Kirk Rosener
- l. 2021-08 – Modifications to FAC-008-5 - **Update** - Sarah Habriga / Jennifer Richardson
- m. 2022-01 – Reporting ACE - **Update** - Claudine Fritz / Ruida Shu
- n. 2022-02 – Modifications to TPL-001-5.1 and MOD-032-1 - **Update** - Ellese Murphy / Terri Pyle
- o. 2022-03 – Energy Assurance with Energy-Constrained Resources - **Update** - Joseph Gatten / Terri Pyle
- p. 2022-04 – EMT Models in NERC MOD, TPL, and FAC Standards - **Update** - Claudine Fritz / Charles Yeung
- q. 2022-05 – Modifications to CIP-008 Reporting Threshold - **Update** - Ellese Murphy / Ruida Shu
- r. 2023-01 – EOP-004 IBR Event Reporting - **Update** - Ruida Shu / Terri Pyle
- s. 2023-02 – Performance of IBRs Standard Authorization Request - **Update** - Terri Pyle / Claudine Fritz
- t. 2023-03 – Internal Network Security Monitoring (INSM) - **Update** - Ruida Shu / Ron Sporseen
- u. 2023-04 – Modifications to CIP-003 - **Update** - Kirk Rosener / Ron Sporseen
- v. 2023-05 – Modifications to FAC-001 and FAC-002 - **Update** - Donovan Crane / Jason Chandler
- w. 2023-06 – CIP-014 Risk Assessment Refinement - **Update** - Claudine Fritz / Ellese Murphy
- x. 2023-07 – Transmission System Planning Performance Requirements for Extreme Weather - **Update** - Jason Chandler / Donovan Crane
- y. 2023-08 – Modifications to MOD-031 Demand and Energy Data - **Update** - Darrel Grumman / Pamela Hunter

5. Other

- a. Next meeting:

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

6. 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)

November 7, 2023 | 2:30 – 4:30 p.m. Eastern

Introduction and Chair's Remarks

Chair M. Brytowski called the meeting to order at 2:30 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. Attendance was taken at the beginning of 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 motioned to approve the proposed agenda and July 18, 2023 PMOS meeting minutes. Kirk Rosener motioned to approve the proposed meeting agenda and July 18, 2023 PMOS meeting minutes, which Ellese Murphy seconded. The PMOS members approved the proposed meeting agenda and July 18, 2023 PMOS meeting minutes.
- b. The chair modified the agenda. Agenda item 2 was changed from "NERC Staff Scheduling" to "NERC Project Prioritization."
- c. Attendance was taken at the beginning of the meeting.

2. Project Prioritization

Latrice Harkness provided an update on the Project Prioritization that is currently in draft. After reprioritization, 11 projects were identified as high priority. Some of the high-priority projects are driven by FERC Order 901. NERC staff have been working with the Engineering Department and SPIDERWG to ensure that all of the aspects of the order are covered. These four sets of Board of Trustees adoption dates set for these high prioritization projects:

- Feb 2024 – Cold Weather and Virtualization
- May 2024 – Internal Network and Security Monitoring

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.

- Oct 2024 – IBR performance and disturbance monitoring projects related to FERC Order 901
- Dec 2024 – Extreme Weather and any remaining high-priority projects

The remaining 12 medium- and low-priority projects will not be posted for formal comments/ballots in the first half 2024. This will allow the industry to focus on high-priority project postings. Mrs. Harkness also shared that there are two Cloud SARs in the queue and five SARs on the horizon being drafted by Engineering and RSTC working groups.

Mr. Yeung pointed out that the PMOS liaisons should be aware of the project deadlines once the high-priority projects are finalized. Mrs. Frits suggested that the PMOS leadership and all high-priority projects should be distributed evenly if possible. Mrs. Pyle suggested color-coding (highlighting) the high, medium, and low projects on the PTS, at least the highs.

3. PMOS Action Items

- a. PMOS action items were reviewed. PMOS liaisons requested to share PMOS liaison's contact information. The chair created a contact list to distribute to the PMOS liaison members. This list will be added to the extranet in the future.
- b. PMOS liaison assignment was reviewed. Ron Sporseen was added to project 2023-03 and 2023-04.
- c. PMOS 2024 meeting schedule was reviewed. The monthly meetings were reflected in the new schedule.

4. Project Tracking Spreadsheet (PTS) and Project Review

- a. 2016-02 – Modifications to CIP Standards:
R. Shu: Draft five of the project is posted for an industry comment period from October 3, 2023, to November 29, 2023. The additional ballot will start on November 20, 2023, and conclude on November 29, 2023. The SDT hosted an industry Webinar on October 19, 2023.
- b. 2017-01b – Modifications to BAL-003-1:
C. Yeung reported: The SDT's last meeting was held on Friday, August 18th. Responses to industry comments were reviewed, with some concerns raised about the messaging to the 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 6th, 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 is still responding to industry comments and related updates. The next steps would be to complete Responses to Industry Comments and complete updates to

Standard. I am looking to do an additional 45-day comment period with 10-day ballot in early January 2024.

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

A. Westenkirchner reported: The SDT is near for informal comment period for Nov. and initial ballot prep—current projected initial ballot in early Q1 2024.

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

B. Wu reported: The 4th posting started on September 19, 2023 and closed on November 2, 2023. The ballot passed with 84.22% approval on the Standard and 88.98% on the Implementation Plan. The SDT will meet on November 15 - 16th, 2023 to review the ballot results and comments received from the industry. Next step would be working towards the final posting sometime in December 2023.

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

E. Murphy reported that: Informal comment period for IBR definitions ended October 24. Seeking SC approval for initial ballot for IBR definitions (separate from MOD-026-2) in November. New ballot pools will be formed—initial posting from November 16 to January 4 for IBR definitions.

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

K. Rosener: DT has a new MOD-025-3 draft completed and is considering an Informal Comment period for November/December. DT is conducting outreach for PRC-019, revising PRC-019, and Considering Comments. The PRC-019 requirement language is dependent on the proposed IBR definitions. Next DT meeting November 9.

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

J. Gatten reported: Draft three posted for Comment and Balloting - Closes 11/6/23. The industry webinar was held on October 24, 2023 (100 people were in attendance). Next step: Goes to BOT in December if it passes.

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

This project was in ballot period. No updates or discussions were provided.

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

M. Brytowski reported that the initial posting of phase two of this project failed to pass with PRC-002's 61% approval and PRC-028's 43% approval from the industry. The SDT is currently reviewing the comments received from the industry. The SDT will wait for the IBR definition 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: An additional ballot for EOP-011 and TOP-002 closed on September 12th. The standards passed with EOP-011 receiving 73.40% approval and TOP-002 receiving 82.29% approval. The team is meeting the last two weeks of September to work towards the final ballot, which is expected to be posted on September 29th. The final ballot will run for eight days under the waiver the team received in August.

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

B. Wu reported that the documents' final draft was 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. The second posting will probably take place in January 2024.

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

C. Fritz reported: The comment/balloting ended on October 20th and all definition changes passed with over 90% approval. The SDT is preparing responses to the comments and expects to have final balloting in December.

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

E. Murphy reported: The SDT has completed response to comments and Draft 2 of the MOD-032 revisions. An additional posting began on October 6, 2023 and will conclude on November 20, 2023.

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

T. Pyle reported Completing the review and addressing comments offered in informal posting. Anticipate presenting to the Standards Committee in December with a January 2024 Posting. Issues: High Priority - The increased project meeting frequency from high priority designation has frustrated Drafting Team members. The team looks to send topics to the industry for feedback and needs to make decisions by consensus or by vote. Team generally has a quorum at SDT Meetings with a few exceptions.

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

C. Fritz reported: The DT continues working on the proposed standard updates and meets every few weeks.

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

E. Murphy 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. The projected initial posting is Q1 of 2024.

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

R. Shu reported: The SDT held their drafting team meetings on October 4 and 23 2023. The SDT reviewed the ballot results and EOP-004-5 Recommended revisions (IBR generation loss

threshold, 500 MW threshold, and Consideration of comments). The team is actively doing outreach. (IRC, SRC, EEI, etc.)

s. 2023-02 – Performance of IBRs

T. Pyle 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 reported that the SDT has met several times weekly to work on the standard(s) revisions. The team is preparing for their initial posting and industry comment period. The SDT also scheduled several meetings in November 2023 to wrap up the work, including informal working groups (INSM Inside ESP and outreach working groups).

u. 2023-04 – Modifications to CIP-003

K. Rosener reported: Planned initial posting for October 25 to December 8—industry webinar week of November 13.

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. There are no other big updates on this one.

w. 2023-06 – CIP-014 Risk Assessment Refinement

C. Fritz reported that the team has begun meeting and reviewing SAR comments. Open meetings will start the week of the Nov 13th. The SDT goal is to finalize comment responses over the next two weeks and send a revised SAR to the SC in December. In December, the SDT will begin some draft work but schedule twice a week starting in January with the goal of an initial draft by March.

x. 2023-07 – Modifications to TPL-001-5.1 Transmission System Planning Performance Requirements for Extreme Weather

J. Chandler reported: The SDT has met three times over the past two weeks and has reviewed comments submitted on the SAR. Next meetings will be on 11/6 and 11/9.

y. 2023-08 – Modifications to MOD-031 Demand and Energy Data

J. Mallory reported the SC accepted SAR on July 19, 2023. Working to determine a posting date for a 30-day SAR comment period and solicitation for nominations. Jessica Harris will take over this project from Jordan Mallory.

5. Other

a. The chair briefly touched on the PMOS Scope and Responsibilities. This topic will be discussed in detail in future meetings.

b. Next meeting:

Tuesday, November 7, 2023 from 2:30 - 4:30 p.m. Eastern

c. Other

None.

6. Adjournment

K. Rosener motioned to adjourn the meeting, then seconded by R. Shu. After all members agreed, the chair adjourned at 3:45 p.m. Eastern.

Attachment 1 (July 18, 2023)			
Name	Company	Member/Observer	Date
Anthony Westenkirchner	Evergy	Member	11/7/2023
Chris Larson	NERC	NERC Staff	11/7/2023
Sarah Crawford	NERC	NERC Staff	11/7/2023
Mark Garza	First Energy Corp.	Observer	11/7/2023
Rachel Coyne	Texas RE	Observer	11/7/2023
Joshua Phillips	SPP	Observer	11/7/2023
Josh Blume	NERC	NERC Staff	11/7/2023
Jessica Harris	NERC	NERC Staff	11/7/2023
Terri Pyle	OGE	Member	11/7/2023
Jordan Mallory	NERC	NERC (Contract)	11/7/2023
Wendy Muller	NERC	NERC Staff	11/7/2023
Ellese Murphy	Duke Energy	Member	11/7/2023
Jason Chandler	ConEd	Member	11/7/2023
Claudine Fritz	Exelon Corp.	Member	11/7/2023
Todd Bennett	AECI	SC Vice Chair	11/7/2023
Donovan Crane	WECC	Member	11/7/2023
Latrice Harkness	NERC	NERC Staff	11/7/2023
Mia Wilson	SPP	Observer	11/7/2023
Kimberlin Harris	NERC	NERC Staff	11/7/2023
Ron Sporseen	BPA	Member	11/7/2023
Kirk Rosener	CPS Energy	Member	11/7/2023
Ruida Shu	NPCC	Member	11/7/2023
Ben Wu	NERC	Secretary	11/7/2023
Joe Gatten	Xcel Energy	Member	11/7/2023
Michael Brytowski	GREnergy	Chair	11/7/2023
Mike Johnson	PGE	Observer	11/7/2023
Charles Yeung	SPP	Vice Chair	11/7/2023