

## Agenda

# Project Management and Oversight Subcommittee Meeting

February 21, 2023 | 2:30–4:30 p.m. Eastern

Dial-in: 1-415-655-0002 | Access Code: 2304 403 5824 | Meeting Password: 02212023

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### Introduction and Chair's Remarks

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

### Agenda Items

1. **Consent Agenda - Approve - Mike Brytowski**
  - a. December 12, 2022 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 2023 Meeting Schedule **Review** - Mike Brytowski / Ben Wu / All
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
  - c. 2019-04 – Modifications to PRC-005 - **Update** - Joseph Gatten
  - 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
  - h. 2021-02 – Modifications to VAR-002-4.1 - **Update** - Rebecca Moore Darrah / Joseph Gatten
  - i. 2021-03 – Transmission Owner Control Centers (TOCC) - **Update** - Ellese Murphy / Ken Lanehome
  - j. 2021-04 – Modifications to PRC-002-2 - **Update** - Mike Brytowski / Charles Yeung

- k. 2021-04b – Modifications to PRC-002-2 (Phase 2) - **Update** - *Mike Brytowski / Charles Yeung*
  - l. 2021-05 – Modifications to PRC-023-4 - **Update** - *Anthony Westenkirchner / Claudine Fritz*
  - m. 2021-06 – Modifications to IRO-010 and TOP-003 - **Update** - *Mike Brytowski / Charles Yeung*
  - n. 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination - **Update** - *Mike Brytowski / Kirk Rosener*
  - o. 2021-07b – Extreme Cold Weather Grid Operations, Preparedness, and Coordination (Phase 2) - **Update** - *Mike Brytowski / Kirk Rosener*
  - p. 2021-08 – Modifications to FAC-008-5 - **Update** - *Ken Lanehome / Sarah Habriga*
  - q. 2022-01 – Reporting ACE - **Update** - *Claudine Fritz / Ruida Shu*
  - r. 2022-02 – Modifications to TPL-001-5.1 and MOD-032-1 - **Update** - *Ellese Murphy / Terri Pyle*
  - s. 2022-03 – Energy Assurance with Energy-Constrained Resources - **Update** - *Ken Lanehome / Joseph Gatten*
  - t. 2022-04 – EMT Models in NERC MOD, TPL, and FAC Standards - **Update** - *Claudine Fritz / Charles Yeung*
  - u. 2022-05 – Modifications to CIP-008 Reporting Threshold - **Update** - *Ellese Murphy*
  - v. 2023-01 – EOP-004 IBR Event Reporting - **Update** - *TBD*
- 4. Other**
- a. PMOS liaison assignment review - *Mike Brytowski / All*
  - b. Next meeting: In Person Meeting  
Tuesday, March 21, 2023 from 2:00 - 4:00 p.m. Central Time (Local Time)  
**Southwest Power Pool (SPP)**  
201 Worthen Drive  
Little Rock, AR 72223
  - 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, 2022 | 2:00 – 4:00 p.m. Eastern Time

### Introduction and Chair's Remarks

Chair C. Yeung called the meeting to order at 2:02 p.m. Eastern 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

Dan Hazelwood welcomed all guests and provided safety briefing in case of emergency.

### Agenda Items

#### Consent Agenda

The proposed agenda and October 18, 2022 PMOS Meeting Minutes were reviewed. E. Murphy made a motion to approve the meeting agenda and meeting minutes, seconded by K. Rosener and then approved by the PMOS members.

#### PMOS Action Items

- a. PMOS action items review: no outstanding action items at this time.
- b. PMOS Nomination (2023-2024) Update: Ben Wu updated the group that PMOS has received two nominations from the industry (Terri Pyle from Oklahoma Gas & Electric and Ruida Shu from NPCC).
- c. PMOS New Member(s) Approval - Terri Pyle from Oklahoma Gas & Electric and Ruida Shu from NPCC were approved by the Chair and Vice Chair of the PMOS. Both nominees were assigned with a project and will assume responsibilities starting on January 1, 2023.

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

- d. PMOS 2023 Meeting Schedule – PMOS 2023 meeting schedule was discussed. PMOS reviewed the Standards Committee (SC) 2023 meeting schedule. PMOS agreed to have seven meetings for 2023 (February 21, 2023; March 21, 2023 - SPP (Little Rock, AR); May 16, 2023; July 18, 2023 - MRO (St. Paul, MN); September 19, 2023 (Washington DC); November 7, 2023; December 12, 2023 (Atlanta, GA)). All on-line meetings are held from 2:30 – 4:30 pm Eastern, and all in-person meetings will be held from 2:00 – 4:00 pm Local Time.

### **Project Tracking Spreadsheet (PTS) and Project Review**

- a. 2016-02 – Modifications to CIP Standards:  
K. Lanehome reported: SDT is reviewing comments received from draft 4 ballot and will work to modify CIP-005 and CIP-010 early 2023 following with a draft 5 comment and ballot period in March 2023.
- b. 2017-01b – Modifications to BAL-003-1:  
P. Hunter reported: A formal 45-day initial comment period with 10-day ballot began on July 25th for the BAL-003 Phase II standard and implementation plan, as well as a non-binding poll of the associated Violation Risk Factors and Violation Severity Levels and ended on September 7th. An industry webinar was conducted on August 23 (recording) and August 25, 2022 (live with Q&A at the end of the presentation). The SDT will meet on September 27, 28 and 29 to review and respond to industry comments received and work to move the project to an additional formal 45-day comment period with 10-day ballot.
- c. 2019-04 – Modifications to PRC-005:  
J. Gatten reported: There has been a SDT subgroup meeting to write the technical rationale and FAQ, which is now complete. The sub team presented the documents to the whole team for discussion on October 13. The team is making final edits to standard and supporting document prior to going to Quality Review. At the December SC meeting, will request approval for 45-day initial posting with 10-day ballot period...
- d. 2020-02 – Modifications to PRC-024 (Generator Ride-through):  
P. Hunter reported: Revised transmission-connected dynamic reactive resources (TCDRR) SAR accepted by SC (SC) at April 20 meeting. SDT began revisions to PRC-024 and drafting Technical Rationale. There is a new SAR proposing a ride-through standard, which would replace/revise PRC-024-3. This be submitted to the SC on May 18. The next steps for Project 2020-02 will be coordinated appropriately.
- e. 2020-03 – Supply Chain Low Impact Revisions:  
K. Rosener reported: Final ballot occurred 10/26 – 11/04. The NERC board adopted the standard during the November 16th board meeting. This project will be removed from the PTS.
- f. 2020-04 – Modifications to CIP-012-1:  
S. Habriga / A. Oswald reported: Third ballot closed on 11/29 after having to be extended for 12 days to quorum not being met. The draft standard did not pass ballot. The drafting team is starting meetings on 12/5 to review comments received and discuss next steps.

- g. 2020-06 – Verifications of Models and Data for Generators:  
S. Habriga reported: Draft 2 of MOD-026-2 is out for comment through January 18th. Ballot opens January 9th and concludes on the 18th. 2021-01 – Modifications to MOD-025 and PRC-019:
- h. K. Rosener / C. Larson reported: Industry has voted down the current revisions of MOD-025-3 and PRC-019-3 presented by the SDT in November. The SDT is currently in the process of collating industry comments into high level themes in documenting recommended actions and proposed revisions. The SDT's current planned schedule is moving towards a submittal of revisions for Industry ballot in February 2023 containing resolutions to Industry comments received in November. The SDT had a meeting on December 8 & 9 to discuss Response to Comment.
- i. 2021-02 – Modifications to VAR-002-4.1:  
J. Gatten reported: No update this time. Previously reported: On June 15, 2022 the SC (1) accepted the SAR; (2) Authorized drafting revisions to the Reliability Standard identified in the SAR; (3) appointed the Project 2021-02 SAR drafting team as the SDT; and (4) Authorized a 30-day solicitation for nominations period to add SDT members with specific industry expertise as TOPs who receive and apply information to their respective Real-time assessment and Real-time monitoring activities. NERC staff recommendation for additional team members (requesting approval) will be on the October 2022 SC agenda.
- j. 2021-03 – Transmission Owner Control Centers (TOCC):  
E. Murphy reported: While most of the meetings have been non-public to this point, there will be a public call on December 16th, and all meetings following that date should be public. The team is wrapping up the field test report and will move to drafting in early 2023. They are in an open comment period for the Modifications to CIP-002 SAR, and the CIP-002-5.1a and CIP-014-2 SAR with that comment period closing on December 21st.
- k. 2021-04 – Modifications to PRC-002-2:  
B. Wu reported: No update is provided or discussed at this time due to the Project is during the ballot period.
- l. 2021-05 – Modifications to PRC-023-4:  
C. Fritz reported: The Standards Drafting Team concluded to retire Requirement R2 with the reasoning mentioned in the justification document. SC approved modified Standard with retirement of R2 for posting in September, 2022. The initial posting for comments with ballot was closed on December 2, 2022. It did not reach quorum, so the ballot period has been extended.
- m. 2021-06 – Modifications to IRO-010 and TOP-003:  
B. Wu reported: No update is provided or discussed at this time due to the Project is during the ballot period.
- n. 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination  
M. Brytowski reported: Phase 1 of the project passed final ballot 9/23 – 9/30. The standard we adopted during the October 26th board meeting. The team has started phase 2 drafting work. An Initial ballot for phase 2 is expected in January/February of 2023.

- o. 2021-08 – Modifications to FAC-008-5  
K. Lanehome reported: The SAR DT met thirteen times (including the Project kickoff meeting) from May 10, 2022 through August 16, 2022 to review and make revisions to the SAR. The team discussed and considered industry comments during this process. SC approved the redlined SARs on September 21, 2022. The SDT started to work on the Standard on October 17, 2022. They have been meeting biweekly since then.
- p. 2022-01 – Reporting ACE Definition and Associated Terms  
C. Fritz reported: The SDT held several meetings over the last month and a half to finalize the retired, modified & newly proposed definitions associated the reporting of ACE. They are proceeding to the December SC agenda and targeting initial balloting in January. The posting will include some questions for industry comment as well. The implementation plan was also discussed with NERC personnel on the call.
- q. 2022-02 – Modifications to TPL-001-5.1 and MOD-032-1  
E. Murphy reported: The SDT has begun drafting modifications, and that work began in October. The SDT has decided to split the project into 2 phases: first focus on MOD-032, then TPL-001. The SDT's last meeting was on November 30, 2022. They will meet again on December 15, 2022. The SDT is planning on meeting in person on January 11 & 12, 2023.
- r. 2022-03 – Energy Assurance with Energy-Constrained Resources - Update –TBD  
K. Lanehome reported: The SAR DT was appointed at the SC (SC) at the Sept 21, 2022 meeting. Since appointment, the SAR DT has had two conference calls and one in-person meeting with the goal of revising the SARs and drafting responses to SARs comments. On Dec 6th call, the SAR DT finalized the revisions to the SARs. D. Thompson is currently applying changes to SARs to send to SAR DT for a vote. If revisions passes team vote, the next steps are to submit the revised SARs to the January SC for acceptance and to authorize work on the standards. Additionally, the SAR DT plans on posting the responses to comments to the project page in early January.
- s. 2022-04 – EMT Models in NERC MOD, TPL, and FAC Standards - Update –TBD  
C. Fritz reported: The SC (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.
- t. 2022-05 – EMT Models in NERC MOD, TPL, and FAC Standards - Update –TBD  
A. Oswald reported: Nominations are being sought for Project 2022-05 Modifications to CIP-008 Reporting Threshold Standard Authorization Request (SAR) drafting team members through 8 p.m. Eastern, Monday, December 5, 2022.

## Other

- a. Project assignments: E. Murphy was assigned as primary liaison for Project 2022-05, R. Shu was assigned as backup liaison for Project 2022-01; Terri Pyle was assigned as backup liaison for Project 2022-02.
- b. Next meeting (WebEx):  
February 21, 2022 from 2:30 - 4:30 p.m. Eastern Time

## Adjournment

The meeting was adjourned at 3:46 p.m. Eastern.



**Attachment 1 (December 12, 2022)**

<b>Name</b>	<b>Company</b>	<b>Member/Observer</b>	<b>Date</b>
Charles Yeung	Southwest Power Pool, Inc.	Chair	10/18/2022
Michael Brytowski	Great River Energy	Vice Chair	12/12/2022
Ben Wu	NERC	Secretary	12/12/2022
Kirk Rosener	CPS Energy	Member	12/12/2022
Ken Lanehome	BPA	Member	12/12/2022
Kim Zimmerman	EnergySec	Member	12/12/2022
Ellese Murphy	Duke Energy	Member	12/12/2022
Joseph Gatten	Xcel Energy	Member	12/12/2022
Sarah Habriga	ATC LLC	Member	12/12/2022
Elsa Prince	NERC	NERC Staff	12/12/2022
Claudine Fritz	Exelon Corp	Member	12/12/2022
Todd Bennett	AECI	SC Chair	12/12/2022
Latrice Harkness	NERC	NERC Staff	12/12/2022
Josh Blume	NERC	NERC Staff	12/12/2022
Chris Larson	NERC	NERC Staff	12/12/2022
Marisa Hecht	NERC	NERC Staff	12/12/2022
Mike Johnson	PGE	Observer	12/12/2022
Jordan Mallory	NERC	NERC Staff	12/12/2022
Rachel Coyne	TEXAS RE	Observer	12/12/2022
Ruida Shu	NPCC	Observer	12/12/2022
Amy Casuscelli	Xcel Energy	SC Chair	12/12/2022
Sarosh Muncherji	BCUC	Observer	12/12/2022
Pamela Hunter	Southern Company	Observer	12/12/2022
Kent Feliks	AEP	Observer	12/12/2022
Peg Abbadini	pegabbadini@gmail.com	Observer	12/12/2022
Troy Brumfield	ATC LLC	Observer	12/12/2022
Jacob Buchanan	Onward Energy	Observer	12/12/2022
Alison Oswald	NERC	NERC Staff	12/12/2022
Julie Severino	First Energy	Observer	12/12/2022
Lauren Perotti	NERC	NERC Staff	12/12/2022