

Agenda

Project Management and Oversight Subcommittee Meeting

January 18, 2022 | 2:30–4:30 p.m. Eastern

Dial-in: 1-415-655-0002 | 2318 893 4735 | Passcode: 01182022

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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 - Charles Yeung**
 - a. December 14, 2021 Project Management and Oversight Subcommittee Meeting Minutes*
2. **Prior Action Items - Review - Charles Yeung / Ben Wu**
 - a. COVID-19 Update: NERC Travel and Meeting Policy
3. **PMOS Action Items - Review - Charles Yeung / Ben Wu**
4. **Membership Review / Charles Yeung / Ben Wu**
 - a. PMOS officers to select new PMOS members - Charles Yeung / Mike Brytowski
5. **Project Tracking Spreadsheet ([PTS](#)) – Review**
 - a. 2016-02d – Modifications to CIP Standards - Ken Lanehome / Kirk Rosener
 - b. 2017-01b – Modifications to BAL-003-1 - Linda Lynch
 - c. 2019-04 – Modifications to PRC-005 - **Update** - Linda Lynch
 - d. 2020-02 – Transmission-connected Resources - **Update** - Linda Lynch / Anthony Westenkirchner
 - e. 2020-03 – Supply Chain Low Impact Revisions - **Update** - Kirk Rosener
 - f. 2020-04 – Modifications to CIP-012-1 - **Update**
 - g. 2020-05 – Modifications to FAC-001-3 and FAC-002-2 - **Update** - Anthony Westenkirchner / Cristhian Godoy
 - h. 2020-06 – Verifications of Models and Data for Generators - **Update** - Cristhian Godoy

- i. 2021-01 – Modifications to MOD-025 and PRC-019 - **Update** - *Linda Lynch / Kirk Rosener*
 - j. 2021-02 – Modifications to VAR-002-4.1 - **Update** - *Rebecca Moore Darrah*
 - k. 2021-03 – Transmission Owner Control Centers (TOCC) - **Update** - *Linda Lynch / Ken Lanehome*
 - l. 2021-04 – Modifications to PRC-002-2 - **Update** - *Mike Brytowski / Charles Yeung*
 - m. 2021-05 – Modifications to PRC-023-4 - **Update** - *Anthony Westenkirchner*
 - n. 2021-06 – Modifications to IRO-010 and TOP-003 - **Update** - *Mike Brytowski / Rebecca Moore Darrah*
 - o. 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination - **Update** - *Mike Brytowski*
 - p. 2021-08 – Modifications to FAC-008-5 - **Update** - *Ken Lanehome / Linda Lynch*
- 6. Other**
- a. Assign PMOS liaisons to Project 2020-04 and backups for seven other projects
 - b. Next meeting
 - i. Face-to-Face meeting on Tuesday, March 22, 2022 from 2:00 - 4:00 p.m. Eastern (in conjunction with SCPS and SC meetings the next day)
 - c. Other
- 7. Adjournment**

*Background materials included.

NERC Antitrust Compliance Guidelines

I. General

It is NERC's policy and practice to obey the antitrust laws and to avoid all conduct that unreasonably restrains competition. This policy requires the avoidance of any conduct that violates, or that might appear to violate, the antitrust laws. Among other things, the antitrust laws forbid any agreement between or among competitors regarding prices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that unreasonably restrains competition.

It is the responsibility of every NERC participant and employee who may in any way affect NERC's compliance with the antitrust laws to carry out this commitment.

Antitrust laws are complex and subject to court interpretation that can vary over time and from one court to another. The purpose of these guidelines is to alert NERC participants and employees to potential antitrust problems and to set forth policies to be followed with respect to activities that may involve antitrust considerations. In some instances, the NERC policy contained in these guidelines is stricter than the applicable antitrust laws. Any NERC participant or employee who is uncertain about the legal ramifications of a particular course of conduct or who has doubts or concerns about whether NERC's antitrust compliance policy is implicated in any situation should consult NERC's General Counsel immediately.

II. Prohibited Activities

Participants in NERC activities (including those of its committees and subgroups) should refrain from the following when acting in their capacity as participants in NERC activities (e.g., at NERC meetings, conference calls and in informal discussions):

- Discussions involving pricing information, especially margin (profit) and internal cost information and participants' expectations as to their future prices or internal costs.
- Discussions of a participant's marketing strategies.
- Discussions regarding how customers and geographical areas are to be divided among competitors.
- Discussions concerning the exclusion of competitors from markets.
- Discussions concerning boycotting or group refusals to deal with competitors, vendors or suppliers.
- Any other matters that do not clearly fall within these guidelines should be reviewed with NERC's General Counsel before being discussed.

III. Activities That Are Permitted

From time to time decisions or actions of NERC (including those of its committees and subgroups) may have a negative impact on particular entities and thus in that sense adversely impact competition. Decisions and actions by NERC (including its committees and subgroups) should only be undertaken for the purpose of promoting and maintaining the reliability and adequacy of the bulk power system. If you do not have a

legitimate purpose consistent with this objective for discussing a matter, please refrain from discussing the matter during NERC meetings and in other NERC-related communications.

You should also ensure that NERC procedures, including those set forth in NERC's Certificate of Incorporation, Bylaws, and Rules of Procedure are followed in conducting NERC business.

In addition, all discussions in NERC meetings and other NERC-related communications should be within the scope of the mandate for or assignment to the particular NERC committee or subgroup, as well as within the scope of the published agenda for the meeting.

No decisions should be made nor any actions taken in NERC activities for the purpose of giving an industry participant or group of participants a competitive advantage over other participants. In particular, decisions with respect to setting, revising, or assessing compliance with NERC reliability standards should not be influenced by anti-competitive motivations.

Subject to the foregoing restrictions, participants in NERC activities may discuss:

- Reliability matters relating to the bulk power system, including operation and planning matters such as establishing or revising reliability standards, special operating procedures, operating transfer capabilities, and plans for new facilities.
- Matters relating to the impact of reliability standards for the bulk power system on electricity markets, and the impact of electricity market operations on the reliability of the bulk power system.
- Proposed filings or other communications with state or federal regulatory authorities or other governmental entities.
- Matters relating to the internal governance, management and operation of NERC, such as nominations for vacant committee positions, budgeting and assessments, and employment matters; and procedural matters such as planning and scheduling meetings.

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.

NERC Participant Conduct Policy

General

Consistent with its Rules of Procedure, Bylaws, and other governing documents, NERC regularly collaborates with its members and other stakeholders to help further its mission to assure the effective and efficient reduction of risks to the reliability and security of the grid. Many NERC members and other bulk power system experts provide time and expertise to NERC, and the general public, by participating in NERC committees, subcommittees, task forces, working groups, and standard drafting teams, among other things. To ensure that NERC activities are conducted in a responsible, timely, and efficient manner, it is essential to maintain a professional and constructive work environment for all participants, including NERC staff; members of NERC committees, subcommittees, task forces, working groups, and standard drafting teams; as well as any observers of these groups. To that end, NERC has adopted the following Participant Conduct Policy (this “Policy”) for all participants engaged in NERC activities. Nothing in this Policy is intended to limit the powers of the NERC Board of Trustees or NERC management as set forth in NERC’s organizational documents, the NERC Rules of Procedure, or under applicable law. This Policy does not apply to the NERC Board of Trustees or the Member Representatives Committee.

Participant Conduct Policy

All participants in NERC activities must conduct themselves in a professional manner at all times. This Policy includes in-person conduct and any communication, electronic or otherwise, made as a participant in NERC activities. Examples of unprofessional conduct include, but are not limited to, verbal altercations, use of abusive language, personal attacks or derogatory statements made against or directed at another participant, and frequent or patterned interruptions that disrupt the efficient conduct of a meeting or teleconference.

Additionally, participants shall not use NERC activities for commercial purposes or for their own private purposes, including, but not limited to, advertising or promoting a specific product or service, announcements of a personal nature, sharing of files or attachments not directly relevant to the purpose of the NERC activity, and communication of personal views or opinions, unless those views are directly related to the purpose of the NERC activity. Unless authorized by an appropriate NERC officer, individuals participating in NERC activities are not authorized to speak on behalf of NERC or to indicate their views represent the views of NERC, and should provide such a disclaimer if identifying themselves as a participant in a NERC activity to the press, at speaking engagements, or through other public communications.

Finally, participants shall not distribute work product developed during the course of NERC activities if that work product is deemed Confidential Information consistent with the NERC Rules of Procedure Section 1500. Participants also shall not distribute work product developed during the course of NERC activities if distribution is not permitted by NERC or the relevant committee chair or vice chair (e.g., an embargoed report), provided that NERC, or the committee chair or vice chair in consultation with NERC staff, may grant in writing a request by a participant to allow further distribution of the work product to one or more specified entities within its industry sector if deemed to be appropriate. Any participant that distributes

work product labeled “embargoed,” “do not release,” or “confidential” (or other similar labels) without written approval for such further distribution would be in violation of this Policy. Such participants would be subject to restrictions on participation, including permanent removal from participation on a NERC committee or other NERC activity.

Reasonable Restrictions on Participation

If a participant does not comply with this Policy, certain reasonable restrictions on participation in NERC activities may be imposed as described below.

If a NERC staff member, or committee chair or vice chair after consultation with NERC staff, determines, by his or her own observation or by complaint of another participant, that a participant’s behavior is disruptive to the orderly conduct of a meeting in progress or otherwise violates this Policy, the NERC staff member or committee chair or vice chair may remove the participant from a meeting. Removal by the NERC staff member or committee chair or vice chair is limited solely to the meeting in progress and does not extend to any future meeting. Before a participant may be asked to leave the meeting, the NERC staff member or committee chair or vice chair must first remind the participant of the obligation to conduct himself or herself in accordance with this Policy and provide an opportunity for the participant to comply. If a participant is requested to leave a meeting by a NERC staff member or committee chair or vice chair, the participant must cooperate fully with the request.

Similarly, if a NERC staff member, or committee chair or vice chair after consultation with NERC staff, determines, by his or her own observation or by complaint of another participant, that a participant’s behavior is disruptive to the orderly conduct of a teleconference in progress or otherwise violates this Policy, the NERC staff member or committee chair or vice chair may request the participant to leave the teleconference. Removal by the NERC staff member or committee chair or vice chair is limited solely to the teleconference in progress and does not extend to any future teleconference. Before a participant may be asked to leave the teleconference, the NERC staff member or committee chair or vice chair must first remind the participant of the obligation to conduct himself or herself in accordance with this Policy and provide an opportunity for the participant to comply. If a participant is requested to leave a teleconference by a NERC staff member or committee chair or vice chair, the participant must cooperate fully with the request. Alternatively, the NERC staff member or committee chair or vice chair may choose to terminate the teleconference.

At any time, a NERC officer, after consultation with NERC’s General Counsel, may impose a restriction on a participant from one or more future meetings or teleconferences, a restriction on the use of any NERC-administered listserv or other communication list, or such other restriction as may be reasonably necessary to maintain the orderly conduct of NERC activities. Before approving any such restriction, the NERC General Counsel must provide notice to the affected participant and an opportunity to submit a written objection to the proposed restriction no fewer than seven days from the date on which notice is provided. If approved, the restriction is binding on the participant, and NERC will notify the organization employing or contracting with the restricted participant. A restricted participant may request removal of the restriction by submitting a request in writing to the NERC General Counsel. The restriction will be removed at the reasonable discretion of the NERC General Counsel or a designee.

Upon the authorization of the NERC General Counsel, NERC may require any participant in any NERC activity to execute a written acknowledgement of this Policy and its terms and agree that continued participation in any NERC activity is subject to compliance with this Policy.

Guidelines for Use of NERC Email Lists

NERC provides email lists, or “listservs,” to NERC stakeholder committees, groups, and teams to facilitate sharing information about NERC activities. It is the policy of NERC that all emails sent to NERC listservs be limited to topics that are directly relevant to the listserv group’s assigned scope of work. NERC reserves the right to apply administrative restrictions to any listserv or its participants, without advance notice, to ensure that the resource is used in accordance with this and other NERC policies.

Prohibited activities include using NERC-provided listservs for any price-fixing, division of markets, and/or other anti-competitive behavior. Recipients and participants on NERC listservs may not utilize NERC listservs for their own private purposes. This may include lobbying for or against pending balloted standards, announcements of a personal nature, sharing of files or attachments not directly relevant to the listserv group’s scope of responsibilities, or communication of personal views or opinions, unless those views are provided to advance the work of the listserv’s group. Any offensive, abusive, or obscene language or material shall not be sent across the NERC listservs.

Any participant who has concerns about this Policy may contact NERC’s General Counsel.

Version History		
Version	Date	Revisions
1	February 6, 2019	Initial version
2	February 22, 2019	Clarified policy does not apply to Board or MRC Address participants speaking on behalf of NERC

Meeting Minutes

Project Management and Oversight Subcommittee (PMOS)

December 14, 2021 | 2:30–4:30 p.m. Eastern

Introduction and Chair's Remarks

Chair C. Yeung called the meeting to order at 2:30 p.m. Eastern. The meeting was announced and publicly posted on the www.nerc.com website on December 7, 2021. The Chair provided the subcommittee with opening remarks and welcomed members¹ 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 the secretary. The secretary 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.

Agenda Items

1. Consent Agenda

- a. The October 19, 2021 PMOS Meeting Minutes were reviewed and approved by unanimous consent.

2. Prior Action Items

- a. Regarding the NERC travel policy and restrictions due to COVID-19, PMOS secretary, Elsa Prince updated the group and mentioned that NERC is scheduled to open the office in late February 2022.

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.

3. PMOS Action Items

The action items were reviewed, and several new action items were added to the action log.

4. Membership Review/Vice Chair Election

- a. The project list was reviewed and it was determined that new PMOS liaisons are needed. An announcement to add new nominees will be sent to several NERC distribution lists, and an update will be given to the Standards Committee.
- b. A motion to re-elect the Vice Chair, Mike Brytowski, was made by R. Darrah, and seconded by K. Rosener, then approved by unanimous consent.

5. Project Tracking Spreadsheet (PTS) and Project Review

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

K. Lanehome reported: There are no new updates since the October 19 PMOS call. The SDT is working on responses to themes derived from Industry responses to the September ballot and comment period. The SDT has met in eight 2 hour working sessions since the last PMOS meeting.

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

L. Lynch reported: The last SDT meeting was on Tuesday, November 2, 2021. The team completed revisions to the Standard requirements, Attachment A, and Form 1; and, will solicit Standard Committee approval for posting of Phase II revisions for Industry approval and comments. Although not required, responses to Whitepaper Industry comments will be posted with the initial Phase II posting.

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

L. Lynch reported: There are no new updates since the October 19 PMOS call.

- d. 2020-02 – Transmission-connected Resources:

L. Lynch reported: The initial project meeting was held on Wednesday, November 17, 2021. Soliciting for additional SAR DT members until December 20, 2021. Seeking members that represent Transmission Owners and have a background with these technologies. Upcoming expectations are that SAR DT members will be reviewing industry comments related to the SAR. Project scope will consist of definitions for transmission-connected dynamic reactive resources and revisions to PRC-024. There will be active coordination with projects 2020-06 Verifications of Models and Data for Generators (MOD-026 & -027) and 2021-01 Modifications to MOD-025 and PRC-019.

- e. 2020-03 – Supply Chain Low Impact Revisions:

K Rosener reported: There are no new updates since the October 19 PMOS call.

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

C. Bellville reported: This project addresses a directive issued by the Federal Energy Regulatory Commission (FERC) in Order No. 866. The goal is to develop modifications to the CIP Reliability

Standards to require protections regarding the availability of communication links and data communicated between the Bulk Electric System Control Centers. The Standards Committee authorized an initial posting of CIP-012-2 during its meeting on April 21. The draft Standard and Implementation plan was posted for a 45-day formal comment and ballot period ended on June 9. The draft standard did not pass the initial ballot. The drafting team most recently met on September 29, 2021 to continue reviewing and responding to industry comments. A second formal comment period was posted on November 30, 2021 for 55 days, as well as the Implementation Plan. The standard drafting team's considerations of the responses received from the previous comment period are reflected in this draft of the standard.

g. 2020-05 – Modifications to FAC-001-3 and FAC-002-2:

A. Westenkirchner reported: There are no new updates since the October 19 PMOS call.

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

C. Godoy reported that: There are no new updates since the October 19 PMOS call.

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

L. Lynch reported: The SAR drafting team for Project 2021-01 met on Dec 13. This project is on the agenda for the Standards Committee meeting to accept the modifications to MOD-025 and PRC-019 SARs, authorize drafting revisions, and appoint the SAR drafting team to the Standards Drafting Team for this project. There will be active coordination with projects 2020-02 Transmission-Connected Dynamic Reactive Resources (PRC-024) and 2020-06 Verifications of Models and Data for Generators (MOD-026 & -027).

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

R. Darrah reported: There are no new updates since the October 19 PMOS call.

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

L. Lynch reported: TOCC SDT met on Tuesday, October 5th and Wednesday, October 6th to finalize the field test plan/draft questionnaire. On Monday, October 11th, the RSTC was given notice of an action without a meeting (including final field test plan and draft questionnaire) and the following actions were requested:

- Approve the technical adequacy of the field test request; and,
- Endorse the recommendation for the Standards Committee to approve the field test request.

Field test plan and questionnaire was approved by the RSTC and on November 17, 2021 by the Standards Committee. Execution of field test plan starting with distribution of questionnaire to Industry in January 2022.

l. 2021-04 – Modifications to PRC-002-2:

M. Brytowski reported: This project covers the IRPFT and Glencoe SARs regarding PRC-002. The SARs was posted for a 30-day comment period on June 14th along with nominations for SAR

Drafting Team members. The SAR Drafting Team members were presented at the September SC meeting. The SC approved the SAR Drafting Team members as NERC staff recommended. The SAR Drafting Team met (virtually) eight times between October 21, 2021 and November 16, 2021 to review and discuss the comments received from the industry. The SAR Drafting Team drafted responses and modified the SARs with proposed work scope. The SAR DT is going to ask the SC to accept the Project 2021-04 Modifications to PRC-002 Standard Authorization Requests (SARs); Authorize drafting revisions to the Reliability Standards identified in the SARs; and Appoint the Project 2021-04 SAR Drafting Team (DT) as the Project 2021-04 Standard Drafting Team (SDT) at the SC's 2022 January meeting (January 19, 2022).

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

A. Westenkirchner reported: This project provides a reliability-related benefit by eliminating PRC-023-4 Requirement R2. This will eliminate entities disabling their OOSB elements unnecessarily. It will remove an unnecessary exclusion (Attachment A – 2.3) for relays that no longer need an exclusion. The SAR Drafting Team met (virtually) eight times between October 25, 2021 and November 16, 2021 to review and discuss the comments received from the industry. The SAR Drafting Team modified the SAR with proposed work scope. The SAR DT is going to ask the SC to accept the Project 2021-05 Modifications to PRC-023 Standard Authorization Request (SAR); Authorize drafting revisions to the Reliability Standards identified in the SAR; and Appoint the Project 2021-05 SAR Drafting Team (DT) as the Project 2021-05 Standard Drafting Team (SDT) at the SC's December meeting (12/15/2021).

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

M. Brytowski reported: There are no new updates since the October 19 PMOS call.

o. 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination

M. Brytowski reported: A 30-day formal comment period for the Project 2021-07 Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Authorization Request (SAR), is open through 8 p.m. Eastern, Tuesday, December 21, 2021.

6. Other

a. Next meeting:

Conference call on Tuesday, January 18, 2022 from 2:30 - 4:30 p.m. Eastern

7. Adjournment

The Chair adjourned the meeting at 3:45 p.m. Eastern.

Attachment 1 (December 14, 2021)

Name	Company	Member/Observer	Date
Charles Yeung	Southwest Power Pool, Inc.	Chair	12/14/2021
Michael Brytowski	Great River Energy	Vice Chair	12/14/2021
Elsa Prince	NERC	Secretary	12/14/2021
Kirk Rosener	CPS Energy	Member	12/14/2021
Ken Lanehome	BPA	Member	12/14/2021
Cristhian Godoy	Con Edison	Member	12/14/2021
Colby Bellville	Cooperative Energy	Member	12/14/2021
Linda Lynch	NextEra Energy FPL	Member	12/14/2021
Todd Bennett	Associated Electric Cooperative	SC Vice Chair	12/14/2021
Latrice Harkness	NERC	NERC Staff	12/14/2021
Jordan Mallory	NERC	NERC Staff	12/14/2021
Lauren Perotti	NERC	NERC Staff	12/14/2021
Scott Barfield	NERC	NERC Staff	12/14/2021
Rachel Coyne	Texas RE	Observer	12/14/2021
Claudine Fritz	Exelon Corp	Observer	12/14/2021
Ruida Shu	NPCC	Observer	12/14/2021
AECS Power1	ACES Power	Observer	12/14/2021
Mike Johnson	PGE	Observer	12/14/2021