

Agenda Project Management and Oversight Subcommittee Meeting

October 19, 2021 | 2:30-4:30 p.m. Eastern

Dial-in: 1-415-655-0002 | 2316 409 8562 | Passcode: 10192021

Click here for: Join WebEx

Introduction and Chair's Remarks

NERC Antitrust Compliance Guidelines and Public Announcement NERC Participant Policy

Agenda Items

- 1. Consent Agenda Approve Charles Yeung
 - a. September 22, 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. 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 / Mark Pratt
 - c. 2019-04 Modifications to PRC-005 **Update** Mark Pratt / Linda Lynch
 - d. 2019-05 Modifications to PER-003 **Update** Colby Bellville / Charles Yeung
 - e. 2020-02 Transmission-connected Resources **Update** *Linda Lynch / Anthony Westenkirchner*
 - f. 2020-03 Supply Chain Low Impact Revisions **Update** Masuncha Bussey / Kirk Rosener
 - g. 2020-04 Modifications to CIP-012-1 **Update** Colby Bellville / Masuncha Bussey
 - h. 2020-05 Modifications to FAC-001-3 and FAC-002-2 **Update** *Anthony Westenkirchner / Cristhian Godoy*
 - i. 2020-06 Verifications of Models and Data for Generators Update Cristhian Godoy / Mark Pratt
 - j. 2021-01 Modifications to MOD-025 and PRC-019 **Update** *Linda Lynch / Kirk Rosener*



- k. 2021-02 Modifications to VAR-002-4.1 **Update** Rebecca Moore Darrah / Colby Bellville
- I. 2021-03 Transmission Owner Control Centers (TOCC) **Update** *Linda Lynch / Ken Lanehome*
- m. 2021-04 Modifications to PRC-002-2 **Update** Mike Brytowski / Charles Yeung
- n. 2021-05 Modifications to PRC-023-4 **Update** Anthony Westenkirchner / Mark Pratt
- o. 2021-06 Modifications to IRO-010 and TOP-003 **Update** *Mike Brytowski / Rebecca Moore Darrah*

5. Other

- a. 2022 PMOS Meeting Schedule Review
- b. Next meeting
 - i. Conference call on Tuesday, December 14, 2021 from 2:30-4:30 p.m. Eastern
- c. Other

6. 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.



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	



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)

September 22, 2021 2:30-4:30 p.m. Eastern

Introduction and Chair's Remarks

Chair C. Yueng called the meeting to order at 1:00 p.m. Eastern. The meeting was announced via the PMOS email distribution list on September 2, 2021, as well as being publicly posted on the www.nerc.com website. The Chair provided the subcommittee with opening remarks and welcomed members and guests. See **Attachment 1** for those in attendance.

NERC Antitrust Compliance Guidelines 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 guidelines, 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 August 4, 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, Ben Wu, updated the group that NERC follows CDC's recommendation with no required travel prior to November this year. However, NERC's best practice is that no travel until January 2022. PMOS will continue to have WebEx conference calls until the end of this year.

3. PMOS Action Items

The action items were reviewed. No additional action items were identified at this meeting.

4. Project Tracking Spreadsheet (PTS) and Project Review

a. 2015-09b – Establish and Communicate System Operating Limits - Ken Lanehome / Rebecca Moore Darrah

This Project has been "Archived".

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.



b. 2016-02 – Modifications to CIP Standards:

K. Rosener reported: Project 2016-02 posted for an additional ballot on June 30, 2021 due to CIP-004 and CIP-005 standards needing some updates for this posting. The ballot has been extended and will end on August 20, 2021. The SDT hosted a webinar on August 4th to provide industry with an overview of the changes made. The comment period, additional ballots and associated Violation Risk Factors and Violation Severity Level non-binding polls for the CIP Virtualization suite of standards concluded at 8 p.m. Eastern, Wednesday, September 1, 2021. The drafting team will review all responses received during the comment period and determine the next steps of the project.

c. 2017-01b – Modifications to BAL-003-1 - Linda Lynch / Mark Pratt

L. Lynch reported: There have been several meetings to revise the Standard, Attachment A, and Form 1. Form 1 is being revised in a collaborative process by a couple of SDT members. Although not required, the SDT prepared responses to industry comments to the Whitepaper.

The next steps will involve revision the Standard, Attachment A, and Form 1; and, solicit Standard Committee approval for posting the Phase II revisions for industry approval and comments. The responses to the industry comments to the Whitepaper will be posted with the initial posting for Phase II. A SDT meeting is scheduled for Friday, October 7th. The next subteam meetings for updating Attachment A are scheduled for Tuesday, September 28th and Monday, October 4th.

d. 2019-02 – BES Cyber System Information Access Management (CIP-004 and CIP-011):

K. Rosener reported: Final ballots concluded at 8 p.m. Eastern, Friday, June 11, 2021. The standards were submitted to the Board of Trustees for adoption and was approved.

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

C. Bellville reported: The formal comment period for the Project 2019-04 Modifications to PRC-005-6 Standard Authorization Request (SAR) concluded at 8 p.m. Eastern, Wednesday, August 25, 2021. The drafting team will review all responses received during the comment period and determine the next steps for the project.

f. 2019-05 - Modifications to PER-003:

C. Bellville reported: The Standards Committee rejected the Standard Authorization Request (SAR) during its July 21, 2021 meeting and a formal response letter was sent to the original SAR submitted (see SC response below). Since the SAR no longer exists, the SDT will be dissolved.

g. 2019-06 – Cold Weather:

The SDT made a few non-substantive changes and posted for final ballot on May 18, 2021. This project is complete and has been filed with FERC. This Project has been "Archived".

h. 2020-02 - Transmission-connected Resources:



L. Lynch reported: Project 2020-02 scope will be narrowed to PRC-024 revisions and Defined terms, since overlapping standards will be revised by other projects, namely Project 2020-06 (MOD-026/027) and Project 2021-01 (MOD-025/PRC-019). SAR DT will consult or coordinate with other two teams as needed. SAR Drafting Team members to be presented at the Standards Committee meeting Thursday, September 23, 2021, for approval.

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

M. Bussey/A. Oswald reported: The initial ballot started on August 27th. The team held an industry webinar on September 9th.

i. 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 last meeting on April 21st. 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 met on July 8, July 22, and July 29 to review industry comments, and make revisions where appropriate.

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

A. Westenkirchner reported: The team has completed redlines on FAC-001 and FAC-002 and is currently working on draft technical rationale. QR will be conducted at the beginning of October with initial posting scheduled for November.

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

C. Godoy reported that: At July 21 SC meeting, the SC accepted the Project SAR requests; authorized drafting revisions to the Reliability Standards identified in the SARs; and appointed the Project SAR Drafting team as the Standards Drafting Team. The SDT is holding meetings to discuss revisions to MOD-026/027. The baseline will be adjusted.

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

L. Lynch reported: Overlapping standards with Project 2020-02 TCR (MOD-025 and PRC-019). Recommended nominees for the SAR Drafting Team was presented to the Standards Committee on July 21, 2021. The SC accepted and approved the appointed chair, vice chair, and members with one addition to the SAR Drafting Team. SAR DT working session conducted on Monday, September 13, 2021, to identify "themes" in the SAR. There were a good number of changes on the "themes". Next working session scheduled for Monday, September 27, 2021. Formal SAR DT meeting scheduled for Monday, October 11, 2021.



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

R. Darrah reported: Formal comment period and solicitations for nominations for SAR drafting team closed on May 13, 2021. At the Standards Committee meeting on July 21, 2021, the SC appointed the chair, vice chair, and members to the Project 2021-02 Modifications to VAR-002-4.1 SAR drafting team as NERC Staff recommended. The SAR DT will review received SAR comments. If revisions to the SAR are needed, a revised version will be submitted to SC for approval and posting for additional comment.

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

L. Lynch/J. Mallory reported: First SDT meeting occurred on August 19, 2021. A draft field trial plan was drafted and sent to RSTC for review and comments (September 8-9, 2021). TOCC SDT will seek approval from Standards Committee at either November or December meeting. The team will have a completed field trial schedule closer to the SC approval date.

September 30, 2021: RSTC comments due for TOCC Field Trial Plan.

September 30 – October 11, 2021: SDT to revise Field Trail Plan based on RSTC comments.

October 11, 2021:

The RSTC will be given notice of an action without a meeting (including final field test plan and draft questionnaire) to take the following actions:

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

Backup liaison will be re-assigned.

p. 2021-04 - Modifications to PRC-002-2:

M. Brytowski reported: The SARs were posted for a 30-day comment period on June 14th along with nominations for SAR Drafting Team members. The nomination period for SAR Drafting Team was extended to July 30, 2021 due to low interest. Eight nominations were received. The eight nominees for the SAR Drafting Team will be recommended by the NERC Staff and will be presented at the SC meeting on September 23, 2021 for approval.

g. 2021-05 - Modifications to PRC-023-4:

A. Westenkirchner/B. Wu reported: The SAR was posted for a 30-day informal comment period on June 29th along with nominations for SAR drafting team members. The nomination period for SAR Drafting Team was extended to August 10, 2021 due to low interest. The nominees for the SAR Drafting Team will be presented at the SC meeting on September 23, 2021 for approval.



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

M. Brytowski reported: A 30-day informal comment period for the 2021-06 Modifications to IRO-010 and TOP-003 Standard Authorization Request, was open through 8 p.m. Eastern, Friday, August 6, 2021. The nominees for the SAR Drafting Team will be presented at the SC meeting on September 23, 2021 for approval.

5. Other

- a. Standards Committee 2022 meeting schedule was shared at the meeting. PMOS 2022 meeting schedule will be developed prior to the October meeting for review.
- b. Next meeting:

Conference call on Tuesday, October 19, 2021 from 2:30-4:30 p.m. Eastern

c. Other:

None.

6. Adjournment

Chair adjourned the meeting at 3:36 p.m. Eastern by consent.



Attachment 1 (September 22, 2021)					
Name	Company	Member/Observer	Date		
Charles Yeung	Southwest Power Pool, Inc.	Chair	9/22/2021		
Michael Brytowski	Great River Energy	Vice Chair	9/22/2021		
Ben Wu	NERC	Secretary	9/22/2021		
Kirk Rosener	CPS Energy	Member	9/22/2021		
Mark Pratt	Southern Company	Member	9/22/2021		
Masuncha Bussey	Duke Energy	Member	9/22/2021		
Anthony Westenkirchner	Evergy	Member	9/22/2021		
Cristhian Godoy	Con Edison	Member	9/22/2021		
Colby Bellville	Cooperative Energy	Member	9/22/2022		
	NextEra Energy Florida Power &				
Linda Lynch	Light	Member	9/22/2021		
Rebecca Moore Darrah	ACES Power	Proxy for Rebecca Darrah	9/22/2022		
Amy Casuscelli	XCEL Energy	SC Chair	9/22/2021		
Todd Bennett	Associated Electric Cooperative	SC Vice Chair	9/22/2022		
Alison Oswald	NERC	NERC Staff	9/22/202		
Wendy Muller	NERC	NERC Staff	9/22/2022		
Jordan Mallory	NERC	NERC Staff	9/22/2022		
Chris Larson	NERC	NERC Staff	9/22/2021		
Latrice Harkness	NERC	NERC Staff	9/22/2022		
cott Barfield NERC		NERC Staff	9/22/2022		
Josh Blume	NERC	NERC Staff	9/22/2022		
Ruida Shu	NPCC	Observer	9/22/2022		
ing Tay OGE		Observer	9/22/2021		
Mike Johnson	PGE	Observer	9/22/2022		
Philip Winston	IEEE	Observer	9/22/2022		
2103****23	???	Observer	9/22/2022		