

Agenda

Project Management and Oversight Subcommittee Meeting

August 04, 2021 | 1:00–3:00 p.m. Eastern

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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. June 15, 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 - Modification - Scott Barfield**
5. **Project Tracking Spreadsheet ([PTS](#)) - Review**
 - a. 2015-09 – Establish and Communicate System Operating Limits - *Ken Lanehome / Rebecca Moore Darrah*
 - i. 2015-09 (Phase I) - **Update**
 - ii. 2015-09b – Establish and Communicate System Operating Limits - **On Hold**
 - b. 2016-02 – Modifications to CIP Standards - *Ken Lanehome / Kirk Rosener*
 - i. (2016-02d) Version 5 TAG, Cyber Asset and BES CA (BCA) definitions, Network and Externally Accessible Devices (ESP, ERC, IRA), Virtualization, and CIP Exceptional Circumstances - **Update**
 - c. 2017-01 – Modifications to BAL-003-1 - *Linda Lynch / Mark Pratt*
 - i. 2017-01 (b) (Phase II) - **Update**
 - d. 2019-02 – BES Cyber System Information Access Management (CIP-004 and CIP-011) - **Update**
Colby Bellville / Kirk Rosener

- e. 2019-04 – Modifications to PRC-005 - **Update** - *Mark Pratt / Linda Lynch*
- f. 2019-05 – Modifications to PER-003 - **On Hold** - *Colby Bellville / Charles Yeung*
- g. 2019-06 – Cold Weather - **Update** - *Quinn Morrison / Michael Brytowski*
- h. 2020-02 – Transmission-connected Resources - **On Hold** - *Linda Lynch*
- i. 2020-03 – Supply Chain Low Impact Revisions - **Update** - *Masuncha Bussey / Kirk Rosener*
- j. 2020-04 – Modifications to CIP-012-1 - **Update** - *Colby Bellville*
- k. 2020-05 – Modifications to FAC-001-3 and FAC-002-2 - **Update** - *Anthony Westenkirchner / Cristhian Godoy*
- l. 2020-06 – Verifications of Models and Data for Generators - **Update** - *Cristhian Godoy*
- m. 2021-01 – Modifications to MOD-025 and PRC-019 - **Update** - *Linda Lynch*
- n. 2021-02 – Modifications to VAR-002-4.1 - **Update** - *Rebecca Moore Darrah*
- o. 2021-03 – Transmission Owner Control Centers (TOCC) - **Update** - *Linda Lynch*
- p. 2021-04 – Modifications to PRC-002-2 - **Update** - *Mike Brytowski/Charles Yeung*
- q. 2021-05 – Modifications to PRC-023-4 - **Update** - *Anthony Westenkirchner*
- r. 2021-06 – Modifications to IRO-010 and TOP-003 - **Update** TBD

6. Other

- a. Meeting Schedule Review
- b. Next meeting
 - i. Conference call on Wednesday, September 22, 2021 from 2:30-4:30 p.m. Eastern
- 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)

June 15, 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 via the PMOS email distribution list on May 25, 2021 as well as being publicly posted on the www.nerc.com website. The chair provided the subcommittee with opening remarks and welcomed members¹ and guests. The chair also held roll call for members and identified other attendees that were in attendance. See **Attachment 1** for the meeting 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. There were no questions.

Agenda Items

1. Consent Agenda

- a. March 16, 2021 PMOS Meeting Minutes were reviewed, motioned by L. Lynch and seconded by K. Lanehome, then approved by unanimous consent.

2. Prior Action Items

- a. Regarding the NERC policy and travel restrictions due to COVID-19, there are no changes. We will continue having WebEx conference calls until further notice.

3. Project Tracking Spreadsheet (PTS) and Project Review

- a. 2015-09 – Establish and Communicate System Operating Limits - *Ken Lanehome / Rebecca Moore Darrah*
 - i. 2015-09 (Phase I) – K. Lanehome reported: This passed final ballot and was approved by the NERC board on May 13, 2021. NERC will file with FERC in late June.
 - ii. 2015-09b – Establish and Communicate System Operating Limits – Still On Hold. An action item was added to see whether the Project should be abandoned or a new SAR created to restart this Project.

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:
 - i. (2016-02d) Version 5 TAG, Cyber Asset and BES CA (BCA) definitions, Network and Externally Accessible Devices (ESP, ERC, IRA), Virtualization, and CIP Exceptional Circumstances - K. Lanehome reported: The SDT has worked very hard over the last few months in addressing the comments from the previous posting and making appropriate edits to the standards. The standards are currently in quality review with a 45-day comment and ballot period scheduled for posting June 30, 2021.
- c. 2017-01 – Modifications to BAL-003-1 - *Linda Lynch / Mark Pratt*
 - i. 2017-01 (b) (Phase II) – L. Lynch reported: SDT meetings were held to respond to industry comments on the whitepaper, and to develop new or modify existing Standard requirements.
- d. 2019-02 – BES Cyber System Information Access Management (CIP-004 and CIP-011):

C. Bellville reported: Final ballots concluded 8 p.m. Eastern, Friday, June 11, 2021. The standards will be submitted to the Board of Trustees for adoption and then filed with the appropriate regulatory authorities.
- e. 2019-04 – Modifications to PRC-005:

M. Pratt: The SAR team is currently planning to take the SAR to the SC in June. The SAR drafting team will ask the SC to accept the SAR, to appoint the SAR drafting team for SDT, plus request approval for solicitation for nominations for additional team members.
- f. 2019-05 – Modifications to PER-003:

C. Bellville reported: **Project 2019-05 Modifications to PER-003:** This project is currently on hold pending action by the PCGC to review the number of hours necessary for the Operator credential. The PCGC is working on a white paper, anticipated to be completed sometime in 2021.
- g. 2019-06 – Cold Weather:

Q. Morrison reported: The SDT made a few non-substantive changes and posted for final ballot on May 18, 2021. Following final ballot, the cold weather project will seek adoption from the NERC Board in June 2021.
- h. 2020-02 – Transmission-connected Resources:

L. Lynch reported: No SDT activity, but the supplemental nomination period has closed and C. Larson is reviewing the candidates.
- i. 2020-03 – Supply Chain Low Impact Revisions:

M. Bussey reported: Technical Rational meeting was held on /5/7/2021; QR discussion and review took place on 5/19/2021 & 6/1/2021. SDT has been working towards creating a final draft for initial posting and SDT will ask SC for approval of initial posting during SC call on 6/16/2021.
- j. 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 21. The draft Standard and Implementation plan was posted for a 45-day formal comment and ballot period that ended on June 9. The drafting team plans to meet to respond to comments and modify the standard if necessary after the comment and ballot period is over.
- k. 2020-05 – Modifications to FAC-001-3 and FAC-002-2:
- A. Westenkirchner reported: An updated redline SAR with both the Drafting Team’s and EEI’s edits was submitted for consideration and approval at the May SC call. The SC approved the redline SAR so the Drafting Team will be moving forward to the standard drafting phase. The next Drafting Team calls are currently scheduled for June 22nd and June 24th, 2021.
- l. 2020-06 – Verifications of Models and Data for Generators:
- C. Godoy/C. Larson updated: SAR drafting team held a meeting on May 5th. At July 21 SC meeting, the SAR DT will request SC to accept two revised SARs (IRPTF and TCR) , authorize revisions to MOD-026/027, and appoint SAR DT as the SDT.
- m. 2021-01 – Modifications to MOD-025 and PRC-019:
- L. Lynch/Chris Larson reported: For awareness PTS updated for 2021-01, “Additional nomination period closed May 20. At July 21 SC meeting, will seek to appoint SAR DT.”
- n. 2021-02 – Modifications to VAR-002-4.1:
- R. Moore Darrah reported: Additional nominations are being sought for Project 2021-02 Modifications to VAR-002 drafting team members through 8 p.m. Eastern, Monday, June 21, 2021.
- o. 2021-03 – Transmission Owner Control Centers (TOCC):
- L. Lynch was assigned to this project as the primary Liaison. Solicitation of nominations was posted through April 27. The Standards Committee is expected to appoint members to the SDT in May 2021. Nominees will be notified shortly after they have been appointed.
- p. 2021-04 – Modifications to PRC-002-2:
- M. Brytowski (as primary)/ C. Yeung (as backup) were assigned to this project as PMOS Liaisons. This project covers the IRPFT and Glencoe SARs regarding PRC-002. The SARs were posted for comment on June 14th, 2021 along with nominations for SAR drafting team members.
- q. 2021-05 – Modifications to PRC-023-4:
- A. Westenkirchner was assigned to this project as the primary Liaison. The purpose of the proposed 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. Targeted posting initial comment form and solicitation for SAR Drafting Team members will be June 29, 2021.

4. Other

- a. Next meeting
 - i. Conference call on Wednesday, August 4, 2021 from 1:00-3:00 p.m. Eastern
- b. Other: Action Items (34, 40, 45, 46, 47, 48, and 49) were reviewed and confirmed that they were completed. B. Wu will follow up with E. Prince on Action Item 41. A new Action Item was created (A.I. 51) on the status for Project 2015-09b. L. Harkness will follow up on Project 2015-09b.

5. Adjournment

- C. Yeung adjourned the meeting at 3:37 p.m. Eastern by consent.

Attachment 1 (June 15, 2021)			
Name	Company	Member/Observer	Date
Charles Yeung	Southwest Power Pool, Inc.	Chair	6/15/2021
Michael Brytowski	Great River Energy	Vice Chair	6/15/2021
Ben Wu	NERC	Secretary	6/15/2021
Radha Changela	NERC	NERC Staff	6/15/2021
Laura Anderson	NERC	NERC Staff	6/15/2021
Chris Larson	NERC	NERC Staff	6/15/2021
Latrice Harkness	NERC	NERC Staff	6/15/2021
Scott Barfield	NERC	NERC Staff	6/15/2021
Lauren Perotti	NERC	NERC Legal	6/15/2021
Christina Bigelow	GASOC	Observer	6/15/2021
Kirk Rosener	CPS Energy	Member	6/15/2021
Masuncha Bussey	Duke Energy	Member	6/15/2021
Claudine Fritz	Exelon	Observer	6/15/2021
Cristhian Godoy	Con Edison	Member	6/15/2021
Sing Tay	OGE	Observer	6/15/2021
Beverly Laios	AEP	Observer	6/15/2021
Amy Casuscelli	Xcel Energy	SC Chair	6/15/2021
Ruida Shu	NPCC	Observer	6/15/2021
Todd Bennett	Associated Electric Cooperative	SC Vice Chair	6/15/2021
Rachel Coyne	Texas RE	Observer	6/15/2021
Rebecca Moore Darrah	ACES	Member	6/15/2021
Colby Bellville	Cooperative Energy	Member	6/15/2021
Mark Pratt	Southern Company	Member	6/15/2021
Philip Winston		Observer	6/15/2021
Ken Lanehome	Bonneville Power Administration	Member	6/15/2021
Linda Lynch	NextEra Energy Florida Power & Light	Member	6/15/2021
Mark Garza	FirstEnergy Corp.	Observer	6/15/2021
Mike Johnson	PGE	Observer	6/15/2021
Anthony Westenkirchner	Evergy	Member	6/15/2021