



**NPCC REGIONAL STANDARDS COMMITTEE**

AGENDA FOR MEETING #23-1

February 22, 2023, 10:00 a.m. – 3:00 p.m. EDT **WebEx Meeting**

**Dial-In: 415-655-0003 (USA) / 416-915-6530 (Canada)**

**Guest Code: 24269113888**

**Password: S6mGdmV7T@6 (76643687 from phone)**

[WebEx Link](#)

For Reference:

[Glossary of Terms Used in NERC Reliability Standards](#), dated December 2, 2022

[NPCC Glossary of Terms](#), dated August 10, 2021

**Attendance:**

	Name	Organization	Sector(s)	Day(s)
1.	Gerry Dunbar	Northeast Power Coordinating Council		1
2.	Ruida Shu	Northeast Power Coordinating Council		1
3.	Michael Keane	FERC	Guest	1
4.	Alain Mukama	Hydro One	1	1
5.	Catherine Ethier	Ontario Energy Board	Guest	1
6.	Chantal Mazza	Hydro Quebec	2	1
7.	Constantin Chitescu	OPG	4	1
8.	Damian Interrante	Central Hudson Gas & Electric	1	1
9.	Erin Wilson	NB Power	1	1
10.	Harish Vijay Kumar	IESO	2	1
11.	Herb Schrayshuen	Power Advisors, LLC	Guest	1
12.	Jeff Streifling	NP Power		1
13.	James Grant	NYISO	2	1
14.	Joel Charlebois	AESI	7	1
15.	Junji Yamaguchi	Hydro Quebec	1	1
16.	Libin Varghese	NYPA	Guest	1
17.	Lincoln Burton	Con Edison	3	1
18.	Lodie White	FERC	Guest	1
19.	Michael Courchesne	ISO-NE	Guest	1
20.	Michael Jones	National Grid	3	1
21.	Michael Ridolfino	CHG&E	1	1



22.	Michael Takla	OPG	1	1
23.	Michele Shafer	The United Illuminating Company	1	1
24.	Michele Tondalo	The United Illuminating Company	1	1
25.	Michael Foley	Con Edison	4	1
26.	Nicolas Turcotte	Hydro Quebec	2	1
27.	Prada Mitchell, Silvia	Next Era	4	1
28.	Randy Buswell	VELCO	1	1
29.	Salvatore Spagnolo	NYPA	4	1
30.	Sean Bodkin	Dominion	4	1
31.	Searle, Jill	NS Power	Guest	1
32.	Stephanie Ullah-Mazzuca	Orange and Rockland	1	1
33.	Tobi Ajayi	OPG	Guest	1
34.	Vijay Puran	NYDPS	6	1
35.	Wes Yoemans	NYSRC	Guest	1
36.	Norm Dang	IESO	Guest	1
37.	David Lemmons	Greybeard Compliance Service	Guest	1
38.	Giuseppe Giannuzzi	Hydro Quebec	Guest	1
39.	Latrice Harkness	NERC	Guest	1
40.	Matthew Harward	SERC	Guest	1
41.	Latrice Harkness	NERC	Guest	1
42.	Josh Blume	NERC	Guest	1

### **Introductions, Safety Message and Chair's Remarks**

Gerry Dunbar provided remarks on NERC standard development activities.

### **NPCC Antitrust Compliance Guidelines**

The NPCC Antitrust Compliance Guidelines were read by Ruida Shu.

### **Agenda Items:**

#### **1.0 Meeting Agenda**

#### **2.0 RSC Meeting Minutes (Approval Item)**

Approval of the February 22, 2023, RSC meeting minutes – No revision is necessary to the draft RSC meeting minutes that were provided in the agenda package.

Mike Jones moved the motion for approval

Chantal Mazza seconded the motion.

The February 22, 2023, RSC meeting minutes were approved.



3.0 **Items Requiring RSC Discussion/Endorsement**

3.1 FERC Internal Network Security Monitoring (INSM) Activities

Mike Keane from FERC discussed FERC Internal Network Security Monitoring activities with the RSC.

3.2 RSC 2023 Corporate Goals

Gerry Dunbar reviewed the NPCC RSC 2023 Corporate Goals.

3.3 FERC Order on EOP-011-3 and EOP-012-1

3.4 Standard Processes Manual Update

Ruida Shu reviewed and discussed the Standard Processes Manual changes with the RSC members.

3.5 2023 New England Winter Gas-Electric Forum

4.0 **NERC Reliability Standards**

<http://www.nerc.com/pa/Stand/Pages/Standards-Under-Development.aspx>

4.1 **Currently Posted Projects**

Project	Comment Period End Date	Ballot Period End Date
<u>Project 2016-02 Modifications to CIP Standards</u> Norm Dang from IESO @ 1:15 PM	10/7/22 (F)	10/7/22 (A)
<u>Project 2017-01 Modifications to BAL-003-1.1</u> David Lemmons from Greybeard Compliance Services @ 1:30 PM	9/7/22 (I)	9/7/22 (F)
<u>Project 2019-04 Modifications to PRC-005-6</u> Giuseppe Giannuzzi from HQ @ 2:00 PM	8/25/21 (F)	
<u>Project 2020-04 Modifications to CIP-012</u> Robert Krackle or Ruida Shu @ 1:45 PM	11/29/22 (F)	11/29/22 (A)
<u>Project 2020-06 Verifications of Models and Data for Generators</u> Chris Larson or Latrice Harkness @	1/18/22 (F)	1/18/22 (F)
<u>Project 2021-01 Modifications to MOD-025 and PRC-019</u> Chris Larson or Latrice Harkness @	11/17/22 (F)	11/17/22 (I)
<u>Project 2021-02 Modifications to VAR-002</u> Laura Anderson or Latrice Harkness @	1/13/23 (F)	1/13/23 (I)
<u>Project 2021-03 CIP-002 Transmission Owner Control Centers</u> Jordan Mallory or Latrice Harkness @	12/21/22 (F)	
<u>Project 2021-06 Modifications to IRO-010 and TOP-003</u> Matthew Harward @ 2:15 PM	12/15/22 (F)	12/15/22 (I)
<u>Project 2021-07 Extreme Cold Weather Grid Operations, Preparedness, and Coordination</u> Kenny Lubbert or Matthew Harward @ 2:15 PM	9/1/22 (A)	9/30/22 (F)
<u>Project 2021-08 Modifications to FAC-008</u> Ben Wu or Ruida Shu @ 1:00 PM	1/27/22 (F)	
<u>Project 2022-01 Reporting ACE Definition and Associated Terms</u> Josh Blume @ 12:45 PM	3/16/23 (F)	3/16/23 (I)



**Comments:** (I) – Informal; (F) – Formal; (N) – Nomination Period

**Ballots:** (I) – Initial; (A) – Additional; (F) – Final

## Project 2020-06 Verifications of Models and Data for Generators:

Additional comment period concluded January 18. Additional ballot ~28%. Industry commenters noted general improvement. High-level feedback included general disagreement with the need to submit verified EMT models (Requirement R6), disagreement with adding protection settings to Requirement R2/R3 for synchronous generation, and implementation plan being too short considering lack of industry expertise and highly technical nature of EMT models.

## Project 2021-01 Modifications to MOD-025 and PRC-019:

Initial comment period concluded November 17. Ballot can be found on the SBS website; PRC-019 at ~40% and MOD-025 ~30%. The SDT continues to address industry comment and make revisions to the standards. Approximate date for additional posting is late March.

## Project 2021-02 Modifications to VAR-002-4.1:

The initial comment period and ballots concluded at 8:00 p.m. Eastern on Friday, January 13. The results of the ballot can be found on the SBS website under ballot results. The SDT is reviewing comments received from industry and have scheduled three public SDT meetings: February 24, 2023, March 7, 2023, and March 10, 2023.

The SDT will make revisions to the Draft Version I VAR-002-5 based on comments received and will move to an additional 45-day comment period with 10-day ballot following the SDT meetings.

## Project 2021-03 CIP-002 Transmission Owner Control Centers:

The SDT posted the final TOCC Field Test Report in January 2023. The SDT believes that there are entities for which the constraints associated with medium impact rating categorization are not commensurate with the risk posed to the BES should their Control Center be compromised. Based on the results of the Field Test, it may be appropriate to incorporate additional inclusion characteristics into the Criterion 2.12 and the previously proposed aggregate weighted value. Public meetings will be scheduled for February to start modifications of CIP-002 criterion 2.12 and modifications to the Control Center definition and potential defining data center.

All meetings going forward with 2021-03 project are public meetings, which started on January 13, 2023. The teams focus is review the Control Center definition (explained below) at this time before moving into modifications of criterion 2.12 of CIP-002.

Control Center info: During the recruitment of TO entities to participate in the Field Test and during the review of Field Test responses, the SDT found that many TOs have struggled to interpret the Control Center definition. This has surfaced in the following three manners: · Lack of a common understanding of the term ‘control’ versus ‘authority’. · Lack of a common understanding of the term ‘perform the functional



obligations of the TOP'. · Lack of a common understanding of the term 'associated data centers'

Project 2023-01 Project 2023-01 EOP-004 IBR Event Reporting:

A 30-day formal comment period for the EOP-004 IBR Event Reporting Standard Authorization Request (SAR) is open through 8 p.m. Eastern, Wednesday, March 8, 2023. Additionally, nominations are being sought for SAR drafting team members through 8 p.m. Eastern, Wednesday, March 8, 2023.

Project 2020-04 Modifications to CIP-012:

The team is in the process of reviewing comments from the last balloting period. We are adjusting the draft Standard language as we respond to comments. After adjusting the draft Standard language, we will make conforming changes to Technical Rationale and Implementation guidance. We also had some comments directly speaking to the TR and IG, so those comments will be addressed as well.

Project 2021-08 Modifications to FAC-008:

The SAR DT met thirteen times (including the Project kickoff meeting) from May 10, 2022, through August 16, 2022, to review and revise 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. The SDT will have an in-person meeting on March 7 & 8, 2023 in NERC office. The initial posting for comments and ballot will probably take place in late May, 2023.

#### 4.2 Ballot History (Since last RSC Meeting)

Ruida Shu reviewed the ballot history document in the meeting.

#### 4.3 Comment Form History (Since last RSC Meeting)

Ruida Shu reviewed the comment form history document in the meeting.

## 5.0 **NPCC Non-Standards**

<https://www.npcc.org/Standards/SitePages/NonStandardsList.aspx>

### 5.1 Items for Discussion

5.1.1 Directory#1 Design and Operation of the BPS --- Jt. Planning/Ops Review

## 6.0 **RSC Member Items of Interest**

6.1 RSC Roster

## 7.0 **Standards Activity Post NERC BOT Approval**

(Since last RSC Meeting)

### 7.1 NERC Filings to FERC

<http://www.nerc.com/FilingsOrders/Pages/default.aspx>

### 7.2 FERC Orders / Rules



<http://www.nerc.com/FilingsOrders/Pages/default.aspx>

7.3 Federal Register

<https://www.federalregister.gov/>

7.4 FERC Sunshine Act Meeting Notice

7.5 FERC Open Meeting Summaries

8.0 NERC Meetings

8.1 Standards Committee (SC)

<http://www.nerc.com/comm/SC/Pages/default.aspx>

January 25 <sup>th</sup> – Call	February 22 <sup>th</sup> – Call	March 22 <sup>nd</sup> – SPP
April 19 <sup>th</sup> – Call	May 17 <sup>th</sup> – Call	June 21 <sup>st</sup> – Call
July 19 <sup>th</sup> – MRO	August 23 <sup>rd</sup> – Call	September 20 <sup>th</sup> – NERC
October 18 <sup>th</sup> – Call	November 15 <sup>th</sup> – Call	December 13 <sup>th</sup> – NERC

8.2 Board of Trustees (BOT) Meeting

<http://www.nerc.com/gov/bot/Pages/Agenda-Highlights-and-Minutes-.aspx>

February 15-16 – Tuscan, AZ	May 3-4 – Hybrid Schedule	August 15-17 – Ottawa, ON
December TBD - Virtual		

9.0 NERC Items of Interest (Since last RSC Meeting)

9.1 Lessons Learned

<http://www.nerc.com/pa/rrm/ea/Pages/Lessons-Learned.aspx>

9.1.1 There has been one new Lesson Learned issued since the last RSC meeting.

9.2 Alerts

<http://www.nerc.com/pa/rrm/bpsa/Pages/Alerts.aspx>

There has been no new NERC Alerts released since the last RSC meeting.

9.3 NERC Reliability and Security Guidelines

<https://www.nerc.com/comm/Pages/Reliability-and-Security-Guidelines.aspx>

9.4 NERC Rules of Procedure

<https://www.nerc.com/AboutNERC/Pages/Rules-of-Procedure.aspx>

9.5 FERC and NERC Encourage NAESB to Convene Gas-Electric Forum

[FERC, NERC Encourage NAESB to Convene Gas-Electric Forum to Address Reliability Challenges](#)

9.6 2022 State of Reliability Report

[Report \(nerc.com\)](#)

9.7 NERC 2022 Annual Report

[NERC\\_Annual\\_Report\\_2022.pdf](#)



**10.0 Future RSC Meetings and Conference Calls**

10.1 RSC 2022 Meeting Dates

February 22 <sup>nd</sup> - WebEx
May 24-25 <sup>th</sup> – NYISO and WebEx
August 9-10 <sup>th</sup> – Location TBD and WebEx
October 11-12 <sup>th</sup> – HQ Tentative and WebEx
December 7 <sup>th</sup> - General Meeting and WebEx

The RSC meeting is adjourned at 2:46 PM.



## Northeast Power Coordinating Council, Inc. (NPCC)

### Antitrust Compliance Guidelines

It is NPCC's policy and practice to obey the antitrust laws and to avoid all conduct that unreasonably restrains competition. The antitrust laws make it important that meeting participants avoid discussion of topics that could result in charges of anti-competitive behavior, including: restraint of trade and conspiracies to monopolize, unfair or deceptive business acts or practices, price discrimination, division of markets, allocation of production, imposition of boycotts, exclusive dealing arrangements, and any other activity that unreasonably restrains competition.

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

Participants in NPCC activities (including those participating in its committees, task forces and subgroups) should refrain from discussing the following throughout any meeting or during any breaks (including NPCC meetings, conference calls and informal discussions):

- Industry-related topics considered sensitive or market intelligence in nature that are outside of their committee's scope or assignment, or the published agenda for the meeting;
- Their company's prices for products or services, or prices charged by their competitors;
- Costs, discounts, terms of sale, profit margins or anything else that might affect prices;
- The resale prices their customers should charge for products they sell them;
- Allocating markets, customers, territories or products with their competitors;
- Limiting production;
- Whether or not to deal with any company; and
- Any competitively sensitive information concerning their company or a competitor.

Any decisions or actions by NPCC as a result of such meetings will only be taken in the interest of promoting and maintaining the reliability and adequacy of the bulk power system.

Any NPCC meeting participant or employee who is uncertain about the legal ramifications of a particular course of conduct or who has doubts or concerns about whether NPCC's antitrust compliance policy is implicated in any situation should call NPCC's General Counsel and Corporate Secretary, Mr. Damase Hebert at (646) 737-2335 or [dhebert@npcc.org](mailto:dhebert@npcc.org).