



NORTHEAST POWER COORDINATING COUNCIL, INC.
1040 AVE. OF THE AMERICAS, NEW YORK, NY 10018 (212) 840-1070 FAX (212) 302-2782

NPCC REGIONAL STANDARDS COMMITTEE

AGENDA FOR MEETING #15-1

February 18, 2015 10:00 a.m. – 5:00 p.m. EST

February 19, 2015 8:00 a.m. – 3:00 p.m. EST

NextEra Energy Office

700 Universe Boulevard

Juno Beach, Florida USA

Attire: Business Casual

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

Guest Code: 28840965

For Reference:

[Glossary of Terms Used in NERC Reliability Standards](#), dated January 29, 2015

[NPCC Glossary of Terms](#), dated January 18, 2012

Attendees:

	Name	Organization	Sector (s)	Day(s)	Comment
1.	Kal Ayoub	FERC	Guest	1	Via Phone
2.	Guy Zito	Northeast Power Coordinating Council		1 & 2	
3.	Lee Pedowicz	Northeast Power Coordinating Council		1 & 2	
4.	Gerry Dunbar	Northeast Power Coordinating Council		1 & 2	Via Phone
5.	RuiDa Shu	Northeast Power Coordinating Council		1 & 2	
6.	Herb Schrayshuen	Power Advisors, LLC	Guest	1 & 2	Via Phone
7.	Silvia Parada Mitchell	NextEra Energy, LLC	4	1 & 2	
8.	Jim Grant Proxy for Greg Campoli	New York Independent System Operator	2	1 & 2	
9.	Kelly Dash	Consolidated Edison Co. of New York, Inc.	1	1 & 2	
10.	Bruce Metruck	New York Power Authority	5	1 & 2	Via Phone
11.	Kathleen Goodman	ISO-NE	2	1 & 2	Via Phone
12.	Alan MacNaughton	New Brunswick Power Corporation	1	1 & 2	

13.	Don Weaver	New Brunswick Energy and Utilities Board	Guest	1 & 2	
14.	SiTruc Phan Sector 1 Proxy for Sylvain Clermont	Hydro-Québec TransÉnergie	1/2	1 & 2	
15.	Chantal Mazza	Hydro-Québec TransÉnergie	Guest	1 & 2	Via Phone
16.	Brian Robinson	Utility Services	5	1 & 2	
17.	Brian Shanahan	National Grid	1	1 & 2	Via Phone
18.	Michael Jones	National Grid	3	1 & 2	Via Phone
19.	Payam Farahbakhsh	Hydro One Networks	1	1 & 2	
20.	Helen Lainis	Independent Electricity System Operator	2	1 & 2	
21.	Ben Wu	Orange and Rockland Utilities	1	1 & 2	
22.	Tom Neglia	Orange and Rockland Utilities	3	1 & 2	Via Phone
23.	Connie Lowe	Dominion Resources Services	4	1	Via Phone
24.	Ron Falsetti	AESI	Guest	1 & 2	

Introductions and Chair's Remarks

Guy Zito called the meeting to order at 10:00AM on Wednesday February 18, 2015.

NPCC Antitrust Compliance Guidelines

The NPCC Antitrust Compliance Guidelines were read by Lee Pedowicz.

Agenda Items:

1.0 Review of Agenda

The RSC Draft Meeting Agenda was reviewed by Guy Zito. He added sections 8.3 and 5.11 to the RSC Draft Meeting Agenda.

2.0 RSC Meeting Minutes

2.1 Approval of Minutes: Final Meeting Minutes 12-4-14.

The RSC Meeting Minutes for December 4, 2014 RSC meeting #14-5 was reviewed.

Silvia Parada Mitchell made a motion for approval.

SiTruc Phan seconded the motion.

The Meeting Minutes were approved as read.

3.0 Drafting Team Members and Executive Tracking Summary

3.1 NPCC Members on NERC Drafting Teams

Guy Zito provided updates on the drafting teams. RSC reviewed the drafting team spreadsheet and removed Vladimir Stanisic from Project 2007-11 and Kyle Russell from Project 2014-03. RSC also added Tim Kucey from PSEG to Project 2007-11.

3.2 Executive Tracking Summary

RuiDa Shu provided updates on the Executive Tracking Summary.

3.3 NERC [Project Tracking Spreadsheet](#)

Guy Zito provided a brief update on the NERC Project Tracking Spreadsheet.

4.0 Open Action Items

4.1 Open Action Items List

Guy Zito provided updates on the Open Action Item list. Guy Zito decided to keep the RSAW, and will provide outreach for Utility Services.

Item	Description	Owner	Due	Status
4.1	Coordination with the Compliance Committee to develop Joint Activity Action List	Greg Campoli	RSC Meeting	Ongoing Guy Zito decided to keep RSAWs for now.
4.2	NPCC outreach program development – discussion item: members provide input and opportunities for development of an outreach program	RSC	RSC Meeting	Update: Ongoing, possible outreach for Utility Services.

5.0 Items Requiring RSC Discussion / Approval

5.1 [NERC Weekly Standards Bulletin](#)

5.2 [NERC RAPA Meeting](#)

5.3 [NPCC RCC Meeting Minutes](#)

The requiring of protection system upgrades to generation that is planned to be retired was brought to, and not waived, by the TFSP. The issue raised was that the upgrades necessitate extensive physical modifications; the purposed physical modifications may not be cost effective because of the generation’s planned retirement.

5.4 [NERC Bulk Electric System Update](#)

Herb Schrayshuen indicated that there are a few new IT tools for the BES. All data submitted was moved into the review process by January 15, 2015.

5.5 [New NERC Web Page Dedicated to Canadian Resources](#)

Guy Zito provided updates on the new website for Canadian Resources. Guy indicated that Laura Hussey from NERC will be the main contact for Canadian Resources.

5.6 [Vice- Chairs and Executive Committee Members Positions](#)

RSC elected SiTruc Phan and Bruce Metruck each to a 2 year term as a RSC Vice-chair.

Helen Lainis and Mike Jones were elected to each serve a 2 year term as an Executive Committee Member.

5.7 [RSC Scope of Work](#)

5.8 [Abnormal low number of Canadian Nominations](#)

5.9 [Project 2014-03 Revisions to TOP and IRO Standards](#)

Ben Li called in at 10:30AM on Wednesday February 18, 2015. He expressed IESO concerns. The main disagreement is on the retirement of TOP-004-2, R4 the intent of which is no longer covered in the proposed TOP-001-3. IESO feels that this could result in a reliability gap.

5.10 [BARC SDT](#)

5.11 [Project 2014-04 Physical Security](#)

There are a lot of concerns with this standard. Several members of the RSC indicated that this standard is not necessary.

6.0 [NERC Reliability Standards](#)

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

6.1 Currently Posted Projects

Project	Comment Period End Date	Ballot Period End Date	Standards Developer	2/18/15 Call-In
<u>New Standards Balloting and Commenting System</u>			Barbara Nutter	11:00AM
<u>Project 2015-02 - Emergency Operations Periodic Review</u>			Laura Anderson	2:15PM
<u>Project 2015-03 - Periodic Review of System Operating Limit Standards</u>			Marisa Hecht	2:00PM
<u>Project 2015-04 - Alignment of NERC Glossary of Terms and Definitions Used in the Rules of Procedure (Appendix 2 of the Rules of Procedure)</u>			Lacey Ourso	1:45PM
<u>Project 2007-06.2 - System Protection Coordination</u>			Scott Barfield McGinnis	12:45PM
<u>Project 2008-02 Undervoltage Load Shedding (UVLS) & Underfrequency Load Shedding (UFLS) PRC-004 Misop</u>			Scott Barfield McGinnis	1:00PM
<u>Project 2010-14.1 Phase 1 of Balancing Authority Reliability-based Controls: Reserves</u>	3/16/15 (F)	3/16/15 (A)	Darrel Richardson	1:15PM
Comments: (I) – Informal; (F) – Formal Ballots: (I) – Initial; (A) – Additional; (F) – Final				

New Standards Balloting and Commenting System:

Barb Nutter from NERC called into the RSC meeting and discussed the New Standards Balloting and Commenting System.

Project 2007-06.2 – System Protection Coordination:

Scott Barfield from NERC called into the RSC meeting and provided information on some recent activities of the SDT. The SDT expects to host a webinar for outreach purposes in two weeks. The main objective is to revise the PRC-001 Standard.

Guy Zito suggested that a member of the SDT make a presentation at the NPCC's Spring Workshop.

There is a concern with TOP-001 Standard on the 30 minute response time and this issue needs to be brought to the SDT meeting. Most of the NPCC systems have dual redundancy of protection systems. The goal is to provide all the documents for the September 2015 Board meeting.

Project 2008-02 – Undervoltage Load Shedding (UVLS):

Scott Barfield also provided a brief update on Project 2008-02.

The SDT added the applicability of PRC-004. UVLS tends to trip more BES elements.

The PRC-010 Standard will include more elements.

Minor cosmetic changes were made to the language of PRC-010.

Target goal is to file with Board for its May 2015 meeting.

Project 2010-14.1 – Phase 1 of Balancing Authority Reliability-based Controls Reserves:

Darrel Richardson from NERC, Vice-chair of the SDT, and another member of the SDT called in at 1:15PM and provided some insights on Project 2010-14.1. The SDT clarified the standard in response to industry concerns. The SDT tried to address the FERC directive, and eliminate any potential overlap with any TOP standards.

The SDT added the flexibility to use the contingency reserves so it's not a violation.

Project 2015-04 - Alignment of NERC Glossary of Terms and Definitions Used in the Rules Of Procedure (Appendix 2 of the Rules of Procedure):

Lacey Ourso from NERC called in at 1:45PM and provided an update on Project 2015-04.

The SDT will be meeting face-to-face February 19th, 2015 to develop a SAR for the Project.

There are approximately 25 terms or so that need to be adjusted.

Guy Zito suggested having one set of terms for all instead of two different sets.

Project 2015-03 - Periodic Review of System Operating Limit Standards:

Marisa Hecht from NERC called in at 2:00PM and provided a brief update on Project 2015-03.

She indicated that the initial conference call was on February 9th, 2015.
The first SDT face-to-face meeting is February 18-19th, 2015 in Salt Lake City.
The goal is to reaffirm, revise, or retire FAC-010, FAC-011, and FAC-014.
Plan to submit to the Board by its November 2015 meeting.

Project 2015-02 - Emergency Operations Periodic Review:

Steve Crutchfield from NERC called in at 2:15PM in place of Laura Anderson.
There are four standards to review (EOP-004-2, EOP-005-2, EOP-006-1 and EOP-008-1).
The standards are due for a five year review period.
There are also two directives for EOP-005-2.
The goal is for the SDT to produce the standard for comments by late March or early April 2015.
A change suggested by SiTruc Phan on the variance parameter from 1000MW to 2000MW.

6.1.1 SC to develop a policy for comments on NERC postings other than standards.

General comments made were that standards will be the priority instead of white papers that become Standards. RSC will do the best to review the standards related documents including guidelines and white papers as time allows and seek help from Task Forces if possible.

6.2 Ballot History (since last RSC Meeting)

Rui Da Shu reviewed the Ballot History.

Herb Schrayshuen indicated that the Project page for a completed project can be found on the NERC Standard website.

6.3 Comment Form History (since last RSC Meeting)

Rui Da Shu reviewed the Comment Form History document in the meeting.

7.0 NERC Drafting Team Nominations

<http://www.nerc.com/pa/Stand/Pages/Drafting-Team-Vacancies.aspx>

7.1 Currently Posted Drafting Team Vacancies

7.1.1 None at this time

7.2 Closed Drafting Team Nominations (since last RSC Meeting)

7.2.1 None at this time

7.3 Solicitation For Informal Development Teams

7.3.1 None at this time

8.0 NPCC Regional Reliability Standards*

<https://www.npcc.org/Standards/default.aspx>

8.1 Current Activities: [RSAR for Disturbance Monitoring Standard PRC-002-NPCC-01](#)

Guy Zito indicated that this is the preliminary step to revise or retire the NPCC Disturbance Monitoring Standard to eliminate any overlap with the continent wide standard.

Lee Pedowicz added Paul Difilippo as the RSAR requester and added minor wording changes provided by Kelly Dash.

Brian Robison made a motion for approval.

Jim Grant seconded the motion.

The RSAR for Disturbance Monitoring Standard PRC-002-NPCC-1 was approved as read.

8.2 Activities on Hold: Regional Standard BAL-002-NPCC-01: Regional Reserve Sharing

8.3 PRC-006-NPCC RSAR

The RSC reviewed a tabular comparison of the GO requirements in PRC -006-NPCC-1 with the requirements of PRC-024. The comparison revealed some potential duplication among the requirements.

Action Item: Lee Pedowicz will draft an RSAR to consider revisions to PRC -006-NPCC-1 in order to eliminate GO requirements which are covered by the requirements in PRC -024. Specifically address the Quebec variance issue.

9.0 NPCC Non-Standards*

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

9.1 Directories:

9.1.1 Directory #1 Design and Operation of the Bulk Power System (Status of CO7/CP11 Review).

The RSC reviewed the email message on 1/26/15 provided by Gerry Dunbar.

The CO7/CP11 Working Group drafting Directory #1 has suggested removing the list of ERO Standards contained within Directory #1. The RSC will consider this question on a more global basis since each NPCC Directory contains such a list.

Mr. Dunbar took an action item to provide more information on this issue including the pros and cons of leaving the list of ERO standards in each Directory.

The RSC agreed to let the drafting of Directory #1 continue pending a final RSC decision and a response on behalf of the RSC will be provided to the CO7/CP11 Working Group by NPCC Staff.

9.1.2 Directory #3 Maintenance Criteria BPS – Retirement Approved on 10/15/2014 effective April 1st, 2015.

9.1.3 Directory #7 SPS (status of NERC RAS)

Gerry Dunbar provided background on the implementation of the Remedial Action Scheme (RAS) definition within NPCC.

The TFCP has requested that the TFSS review the existing list/database of NPCC SPS's to determine which of the SPS's on the list conform to the definition of RAS. Mr. Dunbar stated that NPCC anticipates an incremental transition to the RAS definition that will include NPCC document revision and criteria/typing review in order to ensure that NPCC's criteria remains 'not inconsistent' with the revised PRC standards.

Guy Zito added that he is observing the NERC Drafting Team and Project activities which will revise the existing SPS standards in order to minimize transition issues within NPCC.

9.2 Directory Clarifications

9.2.1 TFSP Clarification for the IESO- Market Assessment and Compliance Division (MACD). Status of TFSP Clarification--Gerry Dunbar reported that the TFSP Criteria Clarification on Directory #3 will be presented to the RCC for approval on 3/4/2015. This clarification will be the first presented to the RCC for approval in accordance with the RSC approved revisions to the NPCC Directory Manual.

10.0 RSC Member Items of Interest

10.1 RSC Roster

Members of the RSC reviewed the RSC Roster during the meeting. The RSC made the decision of replaced Greg Campoli with SiTruc Phan as the Vice-chair.

Minor editorial changes were made to the ISO-NE contact.

Alan MacNaughton requested to put a place holder for his alternate and a primary for RC since NB Power is also a RC.

Silvia Parada Mitchell indicated that she will find a new alternate for NextEra Energy, LLC.

Bruce Metruck made the request to remove Daniel Piper as NYPA's alternate contact.

11.0 Standards Activity Post NERC BOT Approval*

(Since last RSC Meeting)

11.1 NERC Filings to FERC

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

11.2 FERC Orders / Rules

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

11.3 Federal Register

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

11.4 [FERC Sunshine Act Meeting Notice](#)

11.5 [FERC Open Meeting Summaries](#)

12.0 **NERC Meetings**

12.1 Standards Committee (SC)

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

January 21 st - Call	February 18 th - Call	March 11 th - Meeting
April 15 th - Call	May 20 th - Call	June 10 th - Meeting
July 15 th - Call	August 19 th - Call	September 23 rd Meeting
October 21 st - Call	November 18 th - Call	December 9 th - Meeting

12.2 Standards Committee Process Subcommittee (SCPS)

<http://www.nerc.com/comm/SC/Pages/Standards%20Committee%20Process%20Subcommittee%20SCPS/Standards-Committee-Process-Subcommittee-SCPS.aspx>

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12.3 Standards Committee Project Management and Oversight Subcommittee (PMOS)

[http://www.nerc.com/comm/SC/Pages/ProjectManagementandOversightSubcommittee\(PMOS\).aspx](http://www.nerc.com/comm/SC/Pages/ProjectManagementandOversightSubcommittee(PMOS).aspx)

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12.4 Member Representatives Committee (MRC) Meeting

<http://www.nerc.com/gov/bot/MRC/Pages/AgendaHighlightsandMinutes2013.aspx>

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12.5 Board of Trustees (BOT) Meeting

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

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12.6 Reliability Issues Steering Committee (RISC)

<http://www.nerc.com/comm/RISC/Pages/AgendasHighlightsandMinutes.aspx>

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13.0 **NERC Compliance Tools** (Since last RSC Meeting)

13.1 Compliance Analysis Reports (CARs)

<http://www.nerc.com/pa/comp/Pages/Compliance-Analysis-Reports.aspx>

13.1.1 There have not been any CARs posted since the last RSC meeting

14.0 **NERC Items of Interest** (Since last RSC Meeting)

14.1 Lessons Learned

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

14.1.1 Five new Lessons Learned have been issued since the last RSC meeting.

14.2 Alerts

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

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

14.3 Five Year ERO Performance Assessment

15.0 Other Items of Interest

15.1 2015 Regional Entity Business Plans and Budgets

15.2 NPCC Compliance Committee (CC)

January 14 th – Call	February 18 th – Call	March 17-18 th Meeting
April 15 th – Call	May 13 th – Call	May 19-21 st Workshop
June 16-17 th Meeting	July 15 th – Call	August 19 th – Call
September 22-23 rd Meeting	October 14 th – Call	November 10-12 th Workshop
December 3-4 th Meeting		

15.3 NPCC Board of Directors Meeting (BOD)

February 3 rd -4 th Meeting	March 25 th – Call	April 29 th Meeting
June 4 th – Call	June 25 th Meeting	August 5 th - Call
September 8 th -9 th Meeting	October 28 th – Call	December 2 nd Meeting

16.0 Future RSC Meetings and Conference Calls

16.1 RSC 2015 Meeting Dates

February 18 th -19 th , 2015 NextEra Energy Offices, Juno Beach FL
April 15 th & 16 th , 2015 Dominion Offices, Richmond VA
June 23 rd & 24 th , Saratoga NY
October 7 th & 8 th , Montreal Quebec
December 3 rd & 4 th , Albany NY

16.2 RSC 2015 Conference Call Schedule (calls can be scheduled as needed)

all Calls are planned to start at 10:00 a.m. (call: 415-655-0003 (USA) / 416-915-6530 (Canada), Guest Code 29086775)

January 16	January 30	February 13
March 6	March 20	April 3
May 1	May 15	May 29
June 12	July 10	July 23
August 14	August 28	September 11
September 25	October 23	November 6
November 20	December 18	

Next tentative scheduled meeting at NextEra will be on February 17-18, 2016.

Hydro One requested the draft Spring NPCC Workshop Agenda when it is available.

The meeting adjourned at 9:49AM on Thursday, February 19, 2015.

Respectfully Submitted,

Guy V. Zito, Chair RSC
Assistant Vice President-Standards
Northeast Power Coordinating Council, Inc.

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 Secretary, Ruta Skučas, Esq. at 1-202-470-6428.