



NORTHEAST POWER COORDINATING COUNCIL, INC.  
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## NPCC REGIONAL STANDARDS COMMITTEE

### AGENDA FOR MEETING #13-5

October 9, 2013, 10:00 a.m. - 5:00 p.m. ET

October 10, 2013, 8:00 a.m. - 3:00 p.m. ET

Marriott Spring Hill Suites, 445 Rue Saint Jean Baptiste, Montreal, QC

Attire: Business Casual

Dial-In: 1 888 413 2161 (new number for Montreal meeting)

Guest Code 6452793#

Note: For reference – Links to the [Glossary of Terms Used in NERC Reliability Standards](#), updated September 10, 2013 and the [NPCC Glossary of Terms](#), updated May 2012, are provided here.

## MEETING MINUTES

### Attendees:

	<i>Name</i>	<i>Organization</i>	<i>Sector</i>	<i>Day(s)</i>	<i>Comment</i>
1.	<i>Kal Ayoub</i>	<i>FERC</i>	<i>Guest</i>	<i>1 &amp; 2</i>	
2.	<i>Howard Gugel</i>	<i>NERC</i>	<i>Guest</i>	<i>2</i>	<i>via phone</i>
3.	<i>Guy Zito</i>	<i>Northeast Power Coordinating Council</i>		<i>1 &amp; 2</i>	
4.	<i>Lee Pedowicz</i>	<i>Northeast Power Coordinating Council</i>		<i>1 &amp; 2</i>	
5.	<i>Gerry Dunbar</i>	<i>Northeast Power Coordinating Council</i>		<i>1 &amp; 2</i>	
6.	<i>Damase Hebert</i>	<i>Northeast Power Coordinating Council</i>		<i>1 &amp; 2</i>	
7.	<i>Michael Lombardi</i>	<i>Northeast Power Coordinating Council</i>		<i>1 &amp; 2</i>	
8.	<i>Chris de Graffenried</i> <i>Sector 3 Proxy for</i> <i>Peter Yost</i>	<i>Consolidated Edison Co. of NY, Inc.</i>	<i>1 / 3</i>	<i>1 &amp; 2</i>	
9.	<i>Ben Wu</i>	<i>Orange and Rockland Utilities</i>	<i>1</i>	<i>1 &amp; 2</i>	
10.	<i>Brian Shanahan</i>	<i>National Grid</i>	<i>1</i>	<i>1 &amp; 2</i>	<i>via phone</i>
11.	<i>Mark Kenny</i>	<i>Northeast Utilities</i>	<i>1</i>	<i>1 &amp; 2</i>	<i>via phone</i>
12.	<i>Ayesha Sabouba</i>	<i>Hydro One Networks Inc.</i>	<i>1</i>	<i>1 &amp; 2</i>	<i>via phone</i>
13.	<i>Sasa Maljukan</i>	<i>Hydro One Networks Inc.</i>	<i>1</i>	<i>1 &amp; 2</i>	
14.	<i>Si Truc Phan</i>	<i>Hydro Québec TransÉnergie</i>	<i>2</i>	<i>1 &amp; 2</i>	
15.	<i>Chantal Mazza</i>	<i>Hydro Québec TransÉnergie</i>	<i>2</i>	<i>1 &amp; 2</i>	
16.	<i>Helen Lainis</i>	<i>Independent Electricity System Operator</i>	<i>2</i>	<i>1 &amp; 2</i>	
17.	<i>Kathleen Goodman</i>	<i>ISO-NE</i>	<i>2</i>	<i>1 &amp; 2</i>	
18.	<i>Greg Campoli</i>	<i>New York Independent System Operator</i>	<i>2</i>	<i>1 &amp; 2</i>	
19.	<i>Michael Jones</i>	<i>National Grid</i>	<i>3</i>	<i>1 &amp; 2</i>	
20.	<i>Mike Garton</i>	<i>Dominion</i>	<i>4</i>	<i>1 &amp; 2</i>	<i>via phone</i>
21.	<i>David Ramkalawan</i>	<i>Ontario Power Generation Incorporated</i>	<i>4</i>	<i>1 &amp; 2</i>	
22.	<i>Herb Schrayshuen</i> <i>Proxy for Silvia</i> <i>Parada Mitchell</i>	<i>Power Advisors, LLC – Proxy for NextEra Energy, LLC</i>	<i>4</i>	<i>1 &amp; 2</i>	

	<i>Name</i>	<i>Organization</i>	<i>Sector</i>	<i>Day(s)</i>	<i>Comment</i>
23.	<i>Bruce Metruck Sector 4 Proxy for Wayne Sipperly</i>	<i>New York Power Authority</i>	<i>4 / 5</i>	<i>1</i>	
24.	<i>Brian Robinson</i>	<i>Utility Services</i>	<i>5</i>	<i>1</i>	<i>via phone</i>
25.	<i>Don Nelson</i>	<i>Massachusetts DPU</i>	<i>Guest</i>	<i>1 &amp; 2</i>	<i>via phone</i>
26.	<i>Ron Falsetti</i>	<i>AESI</i>	<i>Guest</i>	<i>1 &amp; 2</i>	
27.	<i>Joel Charlebois</i>	<i>AESI</i>	<i>Guest</i>	<i>1 &amp; 2</i>	

### **Introductions and Chair's Remarks**

- *Guy Zito called the meeting to order at 10:00 AM on Wednesday October 9, 2013.*

### **NPCC Antitrust Compliance Guidelines\*\***

- *NPCC Antitrust Compliance Guidelines were read.*

### **Agenda Items:**

#### **1.0 Review of Agenda**

- *The review of the agenda resulted in the addition of a CIP item (i.e., "Functional Obligation of TOP") under Agenda Item 10.0, RSC Member Items of Interest.*

#### **2.0 RSC Meeting Minutes**

2.1 Approval of Minutes: August 21 & 22, 2013 RSC Meeting #13-4\*\*

- *The August 2013 meeting minutes were reviewed. A motion was made and seconded (by Kathleen Goodman and Chris de Graffenried, respectively) to approve the minutes as written. The motion passed.*

#### **3.0 Drafting Team Members and Executive Tracking Summary**

3.1 NPCC Members on NERC Drafting Teams\*\*

- *The spreadsheet of NPCC Members on NERC Drafting Teams was reviewed. The result of this review identified that the spreadsheet contained outdated information (e.g., retired personnel). It was noted that the source document for the spreadsheet is the NERC Drafting Team Roster. Michael Lombardi was directed to update the spreadsheet and to notify NERC of the changes that are required to the NERC Drafting Team Roster. [Action]*

3.2 Executive Tracking Summary\*\*

- *The NERC Executive Tracking Summary (ETS) spreadsheet was reviewed. Updates to the spreadsheet, since the last RSC meeting were related to:*

- *NERC Reliability Standards*
- *NPCC Regional Reliability Standards*
- *NPCC Directory tracking*

3.3 PMOS Project Tracking Spreadsheet

- *A link to the NERC PMOS Project Tracking Sheet (a project tool used by the NERC Standards Committee (SC) and its Project Management and Oversight Subcommittee (PMOS) to track the progress of NERC standards development projects) was included for information.*

#### **4.0 Open Action Items\*\***

- *The Open Action Items from previous RSC meetings were reviewed and status updates provided.*

- *Item 4.3, “PRC-005 Guidance - Investigate maintenance cycles that are more stringent than those in the standard”, was reported as completed. [Subsequent to the RSC meeting, Ron Falsetti provided some additional information. Ron pointed out that the [Supplementary Reference and FAQ document](#) includes a section titled “How do I achieve a “grace period” without being out of compliance?” The objective of this section is to create a time extension within your own PSMP to allow your more stringent schedule to have a “grace period” but remember you must complete your maintenance within the maximum intervals of standard.]*
- *Item 13.3-2, “Present proposed improvements to the NPCC ETS for consideration by the RSC”, was reported as completed. The proposed improvement was to reflect the FERC standard development life cycle on the NERC PMOS spreadsheet rather than expand the NPCC Executive Tracking Summary. Guy Zito will present the proposed change to PMOS. [Action]*
- *Item 13.4-1, “Incorporate the Ontario notification request into the process for filing completed directories”, was discussed and the remaining action items were determined to be:*
  - *Gerry Dunbar to work with Helen Lainis to ensure distribution emails are up to date [Action]*
  - *Gerry Dunbar to work with Guy Zito to establish a process to periodically validate the email list [Action]*
- *Items reported as completed since the last RSC meeting were:*
  - *Item 13.4-2, “Post the proposed revision of the RSPM for a 45-day comment period”*
    - *Completed – RSPM posted for a 45-day comment period through 10/20/13*
  - *Item 13.4-3, “Post clarification if the applicability of PRC-006-NPCC-1 is dependent on generator underfrequency trip relay location”*
    - *Completed – clarification was reviewed with task force and posted*
  - *Item 13.4-4, “Provide feedback to the SCPS on the quality issues that are being found in the standards recently posted for comment and/or ballot”*
    - *Completed – discussed at SCPS meeting held on 9/18/13*

## **5.0 Items Requiring RSC Discussion / Approval**

### **5.1 NPCC Directory Development and Revision Manual**

- *The Directory Development and Revision Manual was posted for comment through 9/29/13. A concern was raised that the proposed revision to the manual broadened the applicability of the Directories beyond the applicability specified in the NPCC Bylaws. Agreement was reached at the RSC meeting that the Directory Development and Revision Manual should be consistent with the NPCC Bylaws and that it is non-member entities with contractual obligations to abide by NPCC Criteria that may exist with the ISOs are outside the scope of NPCC. Gerry Dunbar and Mike Garton will bring to the December 2013 RSC Meeting a proposed revision to the Directory Development and Revision Manual that is consistent with the NPCC Bylaws. [Action]*

### **5.2 NPCC Regional Standard Processes Manual (RSPM)\*\***

- *As a result of the comments received during the comment period ending July 5, 2013, the RSPM has been revised accordingly and re-posted for comment through October 20, 2013. Key changes in the currently proposed revision include:*

- *The reference to the NPCC Compliance Committee (CC) has been removed from the Section titled “Roles in the NPCC Regional Standard Process”*
  - *Renaming the process for “Interpretations” to “Clarifications” thereby distinguishing between the NERC process (Interpretations) and the NPCC process (Clarifications) for aiding stakeholders in understanding a requirement*
  - *Added a new Section titled “Curtailed of Regional Standard Development” to facilitate terminating the standard development process after RSAR approval but prior to posting a regional standard for industry ballot*
- *Regarding the proposed change to “clarifications”, Guy Zito indicated that an interpretation policy for NERC standards is an ANSI requirement. Guy encouraged the RSC to closely review and comment on the proposed change for the NPCC Regional Standard Process*

### 5.3 Standards Outreach

- *As discussed at previous RSC Meetings, the NPCC Standards Staff is looking at options in developing a Standards Outreach Program, e.g., conduct targeted meetings at entity locations. NYPA conducts outreach meetings within its organization and welcomes NPCC participation in its meeting. Guy Zito welcomed the opportunity to work with NYPA and also asked that the other members provide input and opportunities for development of an outreach program. The NPCC outreach program development will be tracked as an ongoing RSC Open Item to promote additional discussion. [Action]*

## 6.0 **NERC Reliability Standards**

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

### 6.1 Currently Posted Projects\*\*

- *The currently posted continent-wide projects were discussed along with a review of the comments forms and all comments received by NPCC to date. When available, the discussion of each of the posted projects was kicked-off by a NERC Standards Developer by calling into the RSC meeting. The NERC Standards Developer provided an overview of the project (e.g., its purpose, where it is in development process as well as the next steps) and answered questions from the RSC members prior to leaving the call. Following the discussion with a NERC Standards Developer, the RSC members discussed each project during the meeting and Lee Pedowicz added responses to the appropriate Comment Forms. Comments will be finalized and submitted to NERC.*

#### - *Project 2013-03: Geomagnetic Disturbance Mitigation*

- *Mark Olson (NERC) called into the RSC and provided a brief overview of the project timeline and was available to answer questions. Stage 1 standard will require applicable registered entities to develop and implement Operating Procedures that can mitigate the effects of GMD events. Stage 2 standard(s) will require applicable registered entities to conduct initial and on-going assessments of the potential impact of benchmark GMD events on their respective system as directed in order 779.*

#### Stage 1 timeline:

- *EOP-010-1 ballot period 10/09/13 - 10/18/13*
- *Targeted for adoption at the November BOT meeting*

#### Stage 2 timeline:

- *Target completion date is January 2015*

- Question was asked, why does EOP-010-1, R1 included four time horizons? Mark indicated that the requirement is to “develop, maintain, and implement” which spans the four time horizons (i.e., Long-term Planning, Operations Planning, Same-day Operations, and Real-time Operations).
  - A motion was made and seconded (by Helen Lainis and Kathleen Goodman, respectively) to support the ballot of EOP-010-1. The motion passed.
- Project 2010-17 Proposed Definition of Bulk Electric System (Phase 2)
- A motion was made and seconded (by Kathleen Goodman and Chris de Graffenried, respectively) to support the ballot of phase 2 Definition of BES. The motion passed. Both Hydro One Networks Inc. and Hydro Québec TransÉnergie abstained from the vote.
- Project 2010-01 Training
- Jordan Mallory (NERC) called into the RSC and provided a brief overview of the standards progress and was available to answer questions. A few key points identified by Jordan included:
    - Revised 3.1 from “... comply with Requirement R3 within 6 months of gaining that authority ...” to “... comply with Requirement R3 within 12 months of gaining that authority ...”
    - SDT intent is to preserve the authority and decision making role of the System Operators
    - NERC will conduct a workshop early next year to train on SAT (systematic approach to training)
  - Valerie Agnew joined the call and indicated that although a PER-005-2 RSAW is needed, the completion date of the RSAW is unknown at this time.
  - Guy Zito provided a clarification that was of concern to some members of the RSC regarding training for “newly identified IROLS”. The implementation plan identifies a 12 month period for implementing training for those entities that have a newly identified IROL and didn’t previously have any. The standard only requires IROL simulator based training and not “individual newly identified” specific training for these new IROLS if entities already have training in place.
  - The ballot period for PER-005-2 closes on November 12, 2013. A motion was not made at this time to approve the proposed PER-005-2 thereby affording the RSC members additional time to review the current posting.
- Project 2010-03 Modeling Data (MOD B)
- Steven Noess (NERC) called into the RSC and provided a brief overview of the project and was available to answer questions.
  - A motion was made and seconded (by Si Truc Phan and Kathleen Goodman, respectively) to support the ballot of the MOD B standards (MOD-032-1 and MOD-033-1). The motion passed. Both the Independent Electricity System Operator (IESO) and Utility Services abstained from the vote.
- Project 2012-05 ATC Revisions (MOD A)
- Ryan A Stewart (NERC) called into the RSC and provided a brief overview of the project and was available to answer questions.
  - The proposed standard contains an exemption for “Functional Entities operating within the Electric Reliability Council of Texas (ERCOT).” Hydro Québec

*TransÉnergie expressed that there should be an exemption for HQ as well. Ryan indicated that MOD-001-2 is posted for comment through November 18, 2013 and asked that the comment be formally submitted to the drafting team.*

- *The ballot period for MOD-001-2 closes on November 18, 2013. A motion was not made at this time to approve the proposed MOD-001-2 thereby affording the RSC members additional time to review the current posting.*

*- Project 2008-12 Coordinate Interchange Standards*

- *Cheryl Mendrala (ISO-NE) and Bob Coughlin (ISO-NE) called into the RSC and provided a brief overview of the project and were available to answer questions.*
- *Clarification provided that pseudo-tie are not required to be included if covered by congestion management*
- *A motion was made and seconded (by Kathleen Goodman and Helen Lainis, respectively) to support the ballot of the Coordinate Interchange Standards. The motion passed. Hydro Québec TransÉnergie, New York Independent System Operator, Consolidated Edison Co. of NY, Inc. and the New York Power Authority all abstained from the vote.*

*- Project 2010-04 Demand Data (MOD C)*

- *On day 1 of the October RSC meeting (10/9/13) it was noted that MOD-031-1 was posted for a 45-day comment period closing on November 22, 2013 with an additional ballot being conducted the last ten days of the comment period. A motion was not made at this time to approve the proposed MOD-031-1 thereby affording the RSC members additional time to review the current posting.*

*- 2014-2016 Reliability Standards Development Plan*

- *The 2014-2016 Reliability Standards Development Plan (RSDP) was posted for comment from October 2 to October 9, 2013. The RSC discussed the RSDP posted for comment and determined that the NPCC RSC will not submit any comments.*

6.2 Ballot History (Since last RSC Meeting)\*\*

6.3 Comment Form History (Since last RSC Meeting)\*\*

6.4 Project 2007-11 Disturbance Monitoring – Update

*- Lee Pedowicz provided an update and overview of the DM standard development. Draft 2 of PRC-002-2 is expected to be posted for a 45 day comment period and 10 day ballot the end of November or beginning of December, 2013*

6.5 Project 2007-02 Waiver\*\*

*- Included in the meeting materials was the Notice of Request to Waive the Standard Process for Project 2007-02 Operating Personnel Communications Protocols: COM-003-1. Specifically, NERC Staff and the Chair of the Standards Committee are requesting that the Standards Committee consider reducing the time for the next successive comment and ballot of a standard combining COM-002 and COM-003 from 45 calendar days to 15 calendar days (with the last 10 days for the ballot) and any final ballot from 10 calendar days to 5 calendar days.*

*- Howard Gugel (NERC) called into the RSC on day 2 (10/10/13) to further discuss Project 2007-02 Operating Personnel Communications Protocols. Howard reported:*

- *The Project 2007-02 Waiver is on the Standards Committee October 17, 2013 agenda for approval*

- *The drafting team met on Wednesday October 9, 2013 and will meet again on Friday October 11, 2013 to work on the development of a single standard that combines COM-002 and COM-003*
- *The standard will be a “zero defect” standard for emergencies only.*
- *It was not clear to the RSC that a waiver request is required to meet the deadline imposed by the NERC Board of Trustees.*

6.6 Project 2007-17.2 PRC-005-3\*\*

- *Included in the meeting materials are questions and concerns raised regarding the proposed revision to PRC-005-3 which adds the maintenance of Auto Reclosing systems. These issues were discussed at the RSC and it was determined that Guy Zito will follow up with NERC to seek resolution to the concerns. [Action]*

**7.0 NERC Drafting Team Nominations\*\***

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

- *There are currently no Drafting team vacancies nor are there any open Informal Development Team Solicitations.*

7.1 Currently Posted Drafting Team Vacancies

7.2 Closed Drafting Team Nominations (Since last RSC Meeting)

7.3 Solicitation For Informal Development Teams

**8.0 NPCC Regional Reliability Standards\*\***

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

8.1 Current Activities: Regional Standards

- *There are not any Regional Standards currently in active development*

8.2 Current Activities: Regional Standard Interpretations

- *Task Force on System Protection (TFSP) has reviewed the request for clarification by NAES regarding PRC-002-NPCC-1, Requirement R16.1. TFSP responded that it agrees that R16.1 is applicable to Digital Fault Recording (DFR) and Dynamic Disturbance Recording (DDR) data in regards to the COMTRADE data format. It would be sufficient to provide Sequence of Event (SOE) recording data in a commonly used format such as txt, csv, or xls Corporation-Kleen Energy Systems, LLC. A motion was made and seconded (by Chris de Graffenried and Helen Lainis, respectively) to authorize posting of the TFSP response on the NPCC web site. The motion passed.*
- *Lee Pedowicz announced that a new RFI was recently received from Dave Bertagnolli (ISO-NE). Lee will follow up with Dave to obtain additional information. [Action]*

**9.0 NPCC Non-Standards\*\***

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

9.1 Directories In Development

- *Gerry Dunbar provided an update on Directory #1:*
  - *CO7/CP11 has completed its collaborative review of the document addressing criteria issues as requested by the TFCP and the TFCO.*
  - *CO7/CP11 will review the document appendices and expect to return the completed draft to the Task Forces for Open Process posting by the end of the year.*

9.2 Directory Interpretations

9.3 Criteria (A) / Guides (B) / Procedures (C) Documents

## **10.0 RSC Member Items of Interest**

### **10.1 [Cyber Security Standards Transition Guidance](#)**

- *Guy Zito, as an informational item, indicated that NERC issued a revised Cyber Security Standards Transition Guidance to provide guidance to Regional Entities and Responsible Entities regarding the transition from CIP Version 3 to CIP Version 5.*

### **10.2 CIP – Functional Obligation of TOP**

- *An issue was raised regarding the use of the term, “Functional Obligation”. This term appears in Version 4 and Version 5 of the CIP standards. NERC’s Reliability Functional Model Version 5 and associated Technical Document provide an overview of the responsibilities of each functional entity and their relationships to one another. Enforceable NERC Reliability Standards identify specific functional responsibilities/obligations of the functional entities in the form of mandatory Requirements. Functional Model tasks may be delegated, but not the Responsibility for those tasks. In reading the below “Extract from CIP-002-5” there seems to be some conflict which is creating potential confusion regarding the basic precepts of the Functional Model, i.e. performing an “obligation” as opposed to a task.*
- *For instance, entities registered as Transmission Operators (TOPs) have the obligation (responsibility) to operate or direct the operation of the transmission facilities, and maintains local-area reliability. TOPs may accomplish this responsibility by issuing Directives to the Transmission Owners (TOs) who physically operate specific BES assets such as a capacitor bank via their Control Center or control room’s Cyber Systems. The functional obligations or responsibility of a TOP cannot be transferred to another entity outside of a CFR or JRO agreement but functional “tasks” may be. The fact that a TO is complying with a TOP’s Directive by operating a BES asset, should not be viewed as performing the TOP’s functional obligations as defined above, but rather, as performing only a task. Therefore the TO’s Control Center or control room should not be classified as a high in the view of our members. Guy Zito will follow up with NERC to seek clarification. [Action]*

### **10.3 New NERC Tool: [US Enforcement Dates/Functional Applicability Excel Spreadsheet](#)**

- *Michael Lombardi, as an informational item, familiarized the RSC with the new NERC “US Enforcement Dates/Functional Applicability Excel Spreadsheet.” The spreadsheet depicts, by requirement, the applicable functional entity and the associated dates listed below:*
  - *Board Approval*
  - *Filing Date*
  - *Issue Date of FERC Order*
  - *Effective Date of FERC Order*
  - *Enforcement Date*
  - *Inactive Date*

## **11.0 Standards Activity Post NERC BOT Approval\*\***

(Since last RSC Meeting)

- *Damase Hebert reviewed the standards activities, post NERC BOT approval, which has transpired since the last RSC meeting.*
- *A NOPR, dated September 19, 2013, proposes to approve Reliability Standards MOD-025-2, MOD-026-1, MOD-027-1, PRC-019-1 and PRC-024-1 (Project 2007-09, Generator Verification). Comments are due to FERC no later than November 25, 2013. A question was raised regarding the impact of the continent-wide standards on NPCC Directories 9*



and 10. Specifically, “will the approval of the continent-wide standards result in the retirement of Directories 9 and 10?” Guy Zito and Gerry Dunbar will review the impact of approving the continent-wide standards on NPCC Directories 9 and 10. [Action]

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/>

## 12.0 **NERC Meetings**

12.1 Standards Committee (SC) and Standards Committee Executive Committee (SCEC)

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

Since Last RSC Meeting

12.1.1 Conference Call: August 22, 2013, 1:00 to 5:00 p.m. ET, Dial-in Number: 1.866-740-1260, Code: 5247071

12.1.2 Meeting: September 19, 2013 – Denver (8 a.m. to 5 p.m.)

12.1.3 SCEC Conference Call: September 27, 2013, 10:00 – 11:00 a.m. ET, Dial-in: 866-740-1260 | Access Code: 5247071 | Security Code: 092613

Upcoming

12.1.4 Conference Call: October 17, 2013 conference call from 1 to 5 p.m. ET, Dial-in Number: 1.866-740-1260, Code: 5247071

12.1.5 Conference Call: November 14, 2013 conference call from 1 to 5 p.m. ET, Dial-in Number: 1.866-740-1260, Code: 5247071

12.1.6 Meeting: December 11-12, 2013 – Atlanta (1 to 5 p.m. December 11; 8 a.m. to noon December 12)

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>

Since Last RSC Meeting

12.2.1 Meeting: August 29, 2013, 8:00 a.m. to 5:00 p.m. ET, Tampa, FL

12.2.2 Meeting: September 18, 2013, 9:00 a.m. to 5:00 p.m. MT, Denver, CO

Upcoming

12.2.3 Meeting: November 7 & 8, 2013, noon to noon ET, Atlanta, GA

12.2.4 December 11, 2013, 8:00 a.m. to 5:00 p.m. ET, Atlanta, GA

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)

Since Last RSC Meeting

12.3.1 Meeting: September 18, 2013, 1:00 p.m. to 4:00 p.m. MT, Denver, CO

12.3.2 Conference Call: September 27, 2013, 2:00 p.m. to 3:00 p.m. ET, Dial-in: Phone: 1-866-740-1260 | Meeting Code: 7686935 | Security Code: 092713

### Upcoming

- 12.3.3 Conference Call: October 28, 2013, 2:30 p.m. to 4:00 p.m. ET, Dial-in: 1.866.740.1260 | Access Code: 7686935 | Security Code: 072913
- 12.3.4 Conference Call: November 18, 2013, 2:30 p.m. to 4:00 p.m. ET, Dial-in: 1.866.740.1260 | Access Code: 7686935 | Security Code: 072913
- 12.3.5 Meeting: December 11, 2013, 1:00 to 4:00 p.m. ET, Atlanta, GA

### 12.4 Member Representatives Committee (MRC) Meeting

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

#### Since Last RSC Meeting

- 12.4.1 There has not been a MRC meeting since the last RSC meeting

#### Upcoming

- 12.4.2 Meeting: November 6 & 7, 2013, 1:00 to 5:00 p.m. ET, Atlanta, GA
- 12.4.3 Meeting: February 5 & 6, 2014 Phoenix, AZ
- 12.4.4 Meeting: May 7 & 8 2014 Philadelphia, PA or Baltimore, MD
- 12.4.5 Meeting: August 13 & 14, 2014 Vancouver, Canada
- 12.4.6 Meeting: November 12 & 13, 2014 Tampa or Jacksonville, FL
- 12.4.7 Meeting: February 11 & 12, 2015 San Francisco or San Diego, CA
- 12.4.8 Meeting: May 6 & 7, 2015 Washington, DC (DC/MD/VA area)
- 12.4.9 Meeting: August 12 & 13, 2015 Toronto, Canada
- 12.4.10 Meeting: November 4 & 5, 2015 Atlanta, GA

### 12.5 Board of Trustees (BOT) Meeting

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

#### Since Last RSC Meeting

- 12.5.1 There has not been a BOT meeting since the last RSC meeting

#### Upcoming

- 12.5.2 Meeting: November 7, 2013, 8:00 a.m. to 1:00 p.m. ET, Atlanta, GA
- 12.5.3 Meeting: February 5 & 6, 2014 Phoenix, AZ
- 12.5.4 Meeting: May 6 & 7, 2014 Philadelphia, PA
- 12.5.5 Meeting: August 13 & 14, 2014 Vancouver, Canada
- 12.5.6 Meeting: November 12 & 13, 2014 Chicago/St. Louis
- 12.5.7 Meeting: February 11 & 12, 2015 San Francisco or San Diego, CA
- 12.5.8 Meeting: May 6 & 7, 2015 Washington, DC (DC/MD/VA area)
- 12.5.9 Meeting: August 12 & 13, 2015 Toronto, Canada
- 12.5.10 Meeting: November 4 & 5, 2015 Atlanta, GA

### 12.6 Reliability Issues Steering Committee (RISC)

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

#### Since Last RSC Meeting

- 12.6.1 Conference Call: August 28, 2013, 8:30 a.m. – 10:00 a.m. ET
- 12.6.2 Meeting: September 4, 2013 – In-Person Meeting, 10:00am – 3:00pm ET, Atlanta – NERC Offices

### Upcoming

- 12.6.3 RISC 2013 Leadership Summit: October 24, 2013, 8:30am – 4:30pm ET – Washington, DC
- 12.6.4 Meeting: October 25, 2013, 8:00am – 12:00pm ET – Washington, DC
- 12.6.5 Meeting: February 2014 (details TBD)

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

- *There has not been any new or revised NERC compliance tools published since the last RSC meeting.*

#### 13.1 Compliance Application Notices (CANs)

<http://www.nerc.com/pa/comp/Resources/Pages/Compliance-Application-Notices.aspx>

#### 13.2 Compliance Analysis Reports (CARs)

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

#### 13.3 Reliability Standard Audit Worksheets (RSAWs)

[http://www.nerc.com/pa/comp/Pages/Reliability-Standard-Audit-Worksheets-\(RSAWs\).aspx](http://www.nerc.com/pa/comp/Pages/Reliability-Standard-Audit-Worksheets-(RSAWs).aspx)

### **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 There have not been any NERC Lessons Learned released since the last RSC meeting

#### 14.2 Alerts

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

##### 14.2.1 Industry Advisory

- [“345kV Breaker Failures”](#) distributed on August 27, 2013

[Public: No Restrictions]

- *NERC has identified a potential trend of 345 kV SF6 puffer type breakers failing. High voltage circuit breaker failures are one of the leading contributors to severe disturbances on the Bulk Electric System (BES). Circuit breaker failures, in conjunction with another fault, may lead to more BES Facilities removed from service than required to clear the original fault. This poses a risk to the reliability of the BES. Attached is a Manufacturer’s Maintenance Advisory that was issued in 2010 by Hitachi HVB, Inc., (formerly HVB AE Power Systems, Inc.). The purpose of this Advisory is to alert the industry to this trend of breakers failing and to help inform the industry of the Manufacturer’s Maintenance Advisory.*
- *NERC has created an AC Substation Equipment Task Force (ACSETF) to review substation equipment failures, identify a cause of each failure and recommend actions to prevent recurrence. A final report is scheduled for June 2014. This task force activity has the potential to generate additional NERC alerts addressing substation equipment.*

### **15.0 Other Items of Interest**

- 15.1 NPCC 2013 Fall Compliance & Standards Workshop, Mystic, CT, November 20, 2013 9:00 a.m. through November 22, 2013 Noon ET

15.2 NPCC General Meeting, Boston, MA, December 4, 2013, 1:00m p.m. to 5:00 p.m.  
ET

**16.0 Future RSC Meetings and Conference Calls**

16.1 RSC 2013/2014 Meeting Dates

Dec. 5-6, 2013 (General Meeting Dec. 4, 2013), Boston, Mass.
Feb. 19-20, 2014, NextEra Energy Offices

- *Guy Zito stated that he and Michael Lombardi will propose RSC 2014 meeting dates. The proposed dates will take into account the NPCC BOD meetings and a joint meeting with the NPCC CC in December. [Action]*

16.2 RSC 2013 Conference Call Schedule

all Calls are planned to start at 10:00 a.m. (call 719-785-1707, Guest Code 8287#)

October 25	November 8	November 22
December 20		

- *A motion was made and seconded (by Kathleen Goodman and Chris de Graffenried, respectively) to adjourn the meeting. The motion passed. The meeting adjourned at 11:00 AM on Thursday October 10, 2013.*

Respectfully Submitted,

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