



1040 Avenue of the Americas - 10<sup>th</sup> Floor  
New York, New York 10018-3703

**NPCC Regional Standards Committee**  
**Minutes**  
**Meeting # 11-6**

December 1, 2011 8:00 a.m. - 5:00 p.m.  
December 2, 2011 8:00 a.m. - 3:00 p.m. (joint meeting with the CC 8:00 - 10:00 a.m.)

Toronto Marriott Bloor Yorkville  
90 Bloor Street East, Toronto, Ontario

Dress Business Casual

[RSC@npcc.org](mailto:RSC@npcc.org)

*Call in 719-785-1707, Guest Code 8287#*

*Web Conference*

**Note: Glossary of Terms Used in NERC Reliability Standards dated October 26, 2011 included in the Meeting Materials.**

**Items in red from the December 1, 2011 session.**

**Items in green from the December 2, 2011 joint session with the CC.**

**Meeting called to order at 8:05 a.m.**

**Meeting called to order at 8:02 a.m. Guy Zito and Stank Kopman could not be at the meeting--chaired by Peter Yost, Greg Campoli.**

**1. Introductions-Agenda Review-Roster**

a. RSC membership changes.

	<u><i>Name</i></u>	<u><i>Organization</i></u>	<u><i>Sector</i></u>
1.	David Kiguel	Hydro One Networks Inc.	1
2.	David Ramkalawan	Ontario Power Generation, Inc.	4
3.	Howard Gugel	NERC	Guest
4.	Mike Garton	Dominion Resources Services, Inc.	4
5.	Ron Falsetti	AESI Acumen Engineered Solutions International Inc.	Guest
6.	Don Weaver	New Brunswick System Operator	2
7.	Sylvain Clermont	Hydro-Quebec TransEnergie	1
8.	Kal Ayoub	FERC	Guest
9.	Greg Campoli	New York Independent System Operator	2
10.	Ben Wu	Orange and Rockland Utilities	1
11.	Bruce Metruck	New York Power Authority	5
12.	Sasa Maljukan	Hydro One Networks Inc.	Guest
13.	Randy MacDonald	New Brunswick Power Transmission	1
14.	Lee Pedowicz	Northeast Power Coordinating Council	
15.	Gerry Dunbar	Northeast Power Coordinating Council	
16.	Ralph Rufrano	Northeast Power Coordinating Council	
17.	Scott Berry	IESO	2
18.	Jim Coyle	Maritime Electric	Guest
19.	Margaret Mayora	Northeast Power Coordinating Council	
20.	Tina Teng	IESO	2

**On the Phone**

	<u><i>Name</i></u>	<u><i>Organization</i></u>	<u><i>Sector</i></u>
1.	Saurabh Saksena	National Grid	3
2.	Chris de Graffenried	Consolidated Edison Co. of New York, Inc.	1
3.	Kathleen Goodman	ISO - New England	2

Meeting reminded that the Dec. 2, 2011 meeting was a joint meeting with the CC. Guy Zito told the meeting that he would not be at the joint meeting, and Greg Campoli would be the acting Chair. The attendees introduced themselves.

Guy Zito announced that the Triage Process will be implemented beginning Jan. 1, 2012. NERC has committed to expedite the issuance of documents and other materials. Guy Zito expects to have a RSC Executive Committee Meeting in mid-January.

There were no roster changes. Any changes to the RSC membership have to be brought to the NPCC Board of Directors.

**2. RSC October, 2011 Meeting Minute Approval and Antitrust Guidelines**  
(in Meeting Materials Package)

- a. Discussion of the October, 2011 RSC Meeting minutes.

Lee Pedowicz read the Antitrust Guidelines.

Mike Garton made a motion to accept the Minutes of the October, 2011 RSC Meeting. Seconded by Bruce Metruck, and approved by the attendees as written.

**3. Action Item Assignment List and Ongoing Assignments** (in Meeting Materials Package), (Refer to Action Item Table [Item 65] at the back of Agenda)

- a. NPCC Members on NERC Drafting Teams

Item 3a--Saurabh Saksena to clean up the NPCC Members on NERC Drafting Teams spreadsheet.

**4. Items Requiring RSC Approval**

**5. Executive Tracking Summary** (in Meeting Materials Package)

- a. Review entries.

Lee Pedowicz to post the Excel version on the NPCC Website. Michael Lombardi maintains the Executive Tracking Summary, and it was mentioned that it is a very good source of information.

**6. FERC** (in Meeting Materials Package)

- a. FERC Public Meeting--November 17, 2011.

<b><u>NOPRs</u></b>					
Item	NOPR	Docket No.	Posted	End Date	When Effective
6-1	Automatic Underfrequency Load Shedding and Load Shedding Plans Reliability Standards	RM11-20-000	10/26/11	12/27/11	

6-2	Transmission Planning Reliability Standards	RM11-18-000	10/26/11	12/27/11	
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<b>Letters of Approval</b>			
Item	Docket No.	Posted	Summary
6-11	RD11-10-000		FERC approved Reliability Standard FAC-008-3 and the retirement of FAC-008-1 and FAC-009-1. Also approved the associated VRFs with one modification, and the associated VSLs. The new Reliability Standard, FAC-008-3 will be effective, and Reliability Standards FAC-008-1 and FAC-009-1 will be retired on the first day of the first calendar quarter that is twelve months after issuance of this order, as requested by NERC.
6-22	RD11-3-000	11/22/11	FERC found revised Reliability Standard FAC-013-2 (including the associated new Glossary terms and implementation plan) just, reasonable, not unduly discriminatory or preferential and in the public interest. FERC also accepted the violation risk factors and violation severity levels associated with the standard as proposed by NERC three exceptions. FERC denied a request by the Electric Reliability Council of Texas (ERCOT) for an exemption from Reliability Standard FAC-013-2.
6-33	RR11-5-000		NERC filed a petition requesting approval of proposed amendments to the NERC Rules of Procedure. FERC approved the proposed Amendments.

<b><u>Petitions</u></b>			
Item	Docket No.	Posted	Title
6-111	RR11-2-000	11/15/11	Petition for Approval of Compliance Monitoring and Enforcement Agreement Between Northeast Power Coordinating Council, Inc. and Western Electricity Coordinating Council and Related Amendments to Delegation Agreements

<b><u>Motion To Defer Further Action</u></b>			
Item	Docket No.	Posted	Summary

<b><u>Compliance Filing</u></b>			
Item	Docket No.	Posted	Summary

<b><u>Final Rule</u></b>			
Item	Docket No.	Posted	Summary

<b><u>Other</u></b>			
Item	Docket No.	Posted	Summary
6-O1	AD12-1-000 RC11-6-000 EL11-62-000	11/14/11	Request For Evidence Of Commissioner Philip D. Moeller On EPA Issues For The November 2011 Reliability
6-O2	RM11-11-000	11/21/11	Comments Of The North American Electric Reliability Corporation In Response To Notice Of Proposed Rulemaking Regarding Version 4 CIP Reliability Standards
6-O3	RM11-16-000	11/21/11	Comments Of The North American Electric Reliability Corporation In Response To Notice Of Proposed Rulemaking Regarding The Transmission Relay Loadability Standard PRC-023-2.

6-04	AD12-5-000	11/22/11	Voltage Coordination on High Voltage Grids; Notice of Reliability Workshop Agenda. Workshop Dec. 1, 2011.
6-05	RM06-16-000	11/23/11	Third Quarter 2011 Compliance Filing Of The North American Electric Reliability Corporation In Response To Paragraph 629 Of Order No. 693
6-06	RM08-13-001	11/22/11	Motion For An Extension Of Time Of The North American Electric Reliability Corporation To Submit A Filing PRC-023-1
6-07	RM09-25-000	11/22/11	Motion For An Extension Of Time Of The North American Electric Reliability Corporation To Submit A Filing for Personnel Performance, Training, and Qualifications (“PER”) Reliability Standards

Item 6--Guy Zito lead the discussion of FERC related issues.

Item 6-1--Mike Garton sent a list of questions to Guy Zito and Lee Pedowicz. From Mike Garton’s document:

- Item A--doesn’t apply to NPCC.
- Item B--there were no concerns from the Meeting.
- Item C--seeking additional study work.
- Item D--addresses compensatory load shedding.
- Item E--was discussed with no concerns expressed.

Guy Zito commented that the resolution of FERC’s concerns can only help the NPCC Automatic Underfrequency Load Shedding Standard. There is a need for coordination and cooperation.

- Item F--there were no issues.
- Item G--there were no concerns from the Meeting.
- Item H--there were no concerns from the Meeting.

Guy Zito mentioned that Kurtis Chong was involved with the VRFs, VSLs. The question was raised if there was still interest, and should Compliance review. David Kiguel and Greg Campoli to bring up at the joint RSC/CC Meeting.

It was not mentioned that this is a “fill in the blank” standard.

Guy Zito lead the discussion of the remaining items in this section.

**7. Current and Pending Ballots:**

a.	<a href="#">Project 2007-12 - Frequency Response</a>	Initial Ballot and Non-Binding Poll	11/30/11	12/9/11
b.	<a href="#">Project 2009-01 - Disturbance and Sabotage Reporting - CIP-001 and EOP-004</a>	Initial Ballot and Non-Binding Poll	12/2/11	12/12/11
c.	<a href="#">Project 2008-06 - Cyber Security - Order 706 - CIP-002 through CIP)-009 (Version 5 CIP Standards)</a>	Initial Ballots Please Vote for each of the 10 CIP Standards Separately	12/16/11	1/6/12

From Jan. 1, 2012 onward ballot recommendations will be posted on the NPCC Website.\

Item 7a--Refer to Item 10a.

Item 7b--Refer to Item 10b.

Item 7c--Refer to Item 10c.

**8. Overlapping Postings (in Meeting Materials Package)**

a.				
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**9. Join Ballot Pools:**

a.	<a href="#">Project 2008-06 - Cyber Security - Order 706 - CIP-002 through CIP)-009 (Version 5 CIP Standards)</a>	Join Ballot Pool	11/7/11	12/15/11
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**10. Posted for Comment: (in Meeting Materials Package)**

a.	<a href="#">Project 2007-12 - Frequency Response</a> <a href="#">BAL-003-1 - Redline to last posting</a> <a href="#">Attachment A - Clean</a> <a href="#">Attachment B - Clean</a> <a href="#">Implementation Plan - Redline to last posting</a>	<a href="#">Submit Comments (Word version--ctrl+click here)</a>	10/25/11	12/8/11
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	<p><a href="#">Background Document</a></p> <p><a href="#">BAL-003-0.1b</a></p> <p><a href="#">Mapping Document</a></p> <p>FRS Form 1 (Excel files--not in Meeting Materials Package):</p> <p><a href="#">Eastern Interconnection</a></p> <p><a href="#">ERCOT</a></p> <p><a href="#">Quebec Interconnection</a></p> <p><a href="#">Western Interconnection</a></p> <p>FRS Form 2 for Interconnection with Multiple BAs (Excel files--not in Meeting Materials Package):</p> <p><a href="#">Two-second Sample Data</a></p> <p><a href="#">Three-second Sample Data</a></p> <p><a href="#">Four-second Sample Data</a></p> <p><a href="#">Five-second Sample Data</a></p> <p><a href="#">Six-second Sample Data</a></p> <p>FRS Form 2 for Interconnection with One BA (Excel files--not in Meeting Materials Package):</p> <p><a href="#">Two-second Sample Data</a></p> <p><a href="#">Three-second Sample Data</a></p> <p><a href="#">Announcement</a></p> <p>Comments, RSAR--Mike Potishnak (in Meeting Materials)</p>			
b.	<p><a href="#">Project 2009-01 - Disturbance and Sabotage Reporting - CIP-001 and EOP-004</a></p> <p><a href="#">EOP-004-2 - Redline to last posted</a></p> <p><a href="#">Implementation Plan - Redline to Last Posted</a></p> <p><a href="#">Mapping Document</a></p>	<p><a href="#">Submit Comments</a> (<a href="#">Word version--ctrl+click here</a>)</p>	10/28/11	12/12/11



	<a href="#">VRF/VSL Justification</a>  <a href="#">CIP-001-1</a>  <a href="#">EOP-004-1</a>  <a href="#">Announcement</a>			
c.	<a href="#">Project 2008-06 - Cyber Security - Order 706 - CIP-002 through CIP-009 (Version 5 CIP Standards)</a>  <b><a href="#">UPDATE ANNOUNCEMENT--CIP-003-5</a></b>  <a href="#">CIP-002-5</a> <a href="#">CIP-003-5</a> <a href="#">CIP-004-5</a> <a href="#">CIP-005-5</a> <a href="#">CIP-006-5</a> <a href="#">CIP-007-5</a> <a href="#">CIP-008-5</a> <a href="#">CIP-009-5</a> <a href="#">CIP-010-1</a> <a href="#">CIP-011-1</a>  <a href="#">Implementation Plan</a>  <a href="#">Definitions</a>  <a href="#">Mapping Document</a>  <a href="#">CIP-002-4</a> <a href="#">CIP-003-4</a> <a href="#">CIP-004-4</a> <a href="#">CIP-005-4a</a> <a href="#">CIP-006-4c</a> <a href="#">CIP-007-4</a> <a href="#">CIP-008-4</a> <a href="#">CIP-009-4</a>  <a href="#">Consideration of Comments from June 2010 Informal Comment Period</a>  <a href="#">Draft Consideration of Issues and Directives</a>  <a href="#">Announcement</a>  <a href="#">CIP Standard Version 5 Webinar Slides</a>  Webinar--Dec. 13, 2011 1:00-2:00 p.m.	<a href="#">Submit Comments</a> (Word version-- <a href="#">ctrl+click here</a> )	11/7/11	1/6/12

d.	<a href="#">Proposed Changes to the NERC Rules of Procedure and Associated Appendices</a>	Comments to be Submitted Electronically to ROPcomments@nerc.net	11/7/11	12/22/11
e.	<a href="#">Notice of Revisions to Proposed New Sections 1.1.24 and 5.11 of Appendix 4C of the NERC Rules of Procedure, as Originally Posted for Comment on November 7, 2011</a>	Comments to be Submitted Electronically to ROPcomments@nerc.net	11/22/11	12/22/11
f.	<a href="#">Regional Reliability Standard PRC-006-NPCC-1 — Automatic Underfrequency Load Shedding (NPCC Website Link)</a>  <a href="#">PRC-006-NPCC-01 Implementation Plan</a>	<a href="#">Submit Comments (Word version-- ctrl+click here)</a>	11/22/11	12/22/11
g.	<a href="#">Draft CAN-0027: TOP-003 R2 Coordination of Scheduled Outages</a>	Comment Form To Be Sent To cancomments@nerc.net	11/22/11	12/14/11

a-beneath--PRC-024 variance--Hydro-Quebec.

Item 10a, 7a--Mike Potishnak's document. There are four substantive issues that need to be addressed. Greg Campoli commented that there is a disconnect a Balancing Authority's responsibility to secure frequency response controllable by a generator's equipment. The bullets in Mike Potishnak's also were of concern. The recommendation will be to vote negative. An E-mail will be sent out listing the reasons for the "No" vote recommendation. Kathleen Goodman and Greg Campoli will send Lee Pedowicz comments to be distributed to the RSC. Sylvain Clermont reported that Quebec will decide next week on a regional variance.

David Kiguel commented that FRS Form 1 is referenced in the Standard. A link should be provided to where you can find the form, or instructions given as to where you can find the form. In the definitions FRS should be spelled out, not just have the acronym there.

David Kiguel and Greg Campoli discussed how to handle generator settings.

Item 10b, 7b--Guy Zito questioned whether or not this could lead to overreporting. The Purpose reads that everything should be reported. Concerns raised:

- Standard is vague.
- Trying to be too specific in some areas.
- Requires multiple reports.
- The Purpose statement is overly broad.
- An exercise is not needed to prove that a form can be filled out.
- An event analysis process is in place already.
- Different sets of criteria, forms.

- There should be one recipient of information. That recipient would be the clearinghouse for proper distribution.

Guy Zito and Lee Pedowicz to put together a draft response for the Comment Form and distribute to the RSC.

Howard Gugel to check and see if there are any outstanding issues from the NERC perspective. NERC is unaware of any regulatory deadlines associated with this project.

Item 10c, (7c)--TFIST to review and will forward its comments to the RSC after its Dec. 6-8, 2011 Meeting. There are twelve separate initial ballots. Guy Zito encouraged the meeting participants to vote. Joining the Ballot Pool closes Dec. 15, 2011.

Item 10--General discussion regarding comments--Guy Zito said that we must ensure that we don't comment twice. Must check to see if comments submitted previously were considered. Comments submitted must be compared with subsequent redlined postings of standards. The RSC Executive Committee to look at this.

### **11. Reference Documents Posted For Comment**

a.				
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### **12. Concluded Ballots** (in Meeting Materials Package)

<a href="https://standards.nerc.net/Ballots.aspx">https://standards.nerc.net/Ballots.aspx</a> (clicking in the column to the right of "Ballot Periods" column links to the Ballot Results)					<u>Results of Ballot</u>	<u>RSC Recommend/Date</u>
a.	<a href="#">Project 2010-11 - TPL Table 1, Footnote B</a>	Recirculation Ballot	1/26/11	2/5/11	Quorum: 93.61% Approval: 86.54%	Yes 1/5/11
b.	<a href="#">Project 2007-07 - Vegetation Management - FAC-003</a>	Successive Ballot and Non-Binding Poll	2/18/11	2/28/11	Quorum: 79.28% Approval: 79.34%	Yes 2/22/11
c.	<a href="#">Project 2006-06 - Reliability Coordination - COM-001, COM-002, IRO-001, and IRO-014</a>	Initial Ballot	2/25/11	3/7/11	Quorum: 87.10% Approval: 49.54%	Yes 3/2/11

d.	<a href="#">Project 2007-23 - Violation Severity Levels</a>	Non-binding Poll	2/9/11	2/18/11	Ballot Pool: 310 Opinions: 141  72% Support	Yes 10/28/10
e.	<a href="#">Project 2010-13 - Relay Loadability Order - PRC-023</a>	Successive Ballot and Non-Binding Poll	1/24/11	2/13/11	Quorum: 83.95% Approval: 65.71%	Yes 2/11/11
f.	<a href="#">Project 2010-13 - Relay Loadability Order - PRC-023</a>	Recirculation Ballot	2/24/11	3/6/11	Quorum: 87.35% Approval: 68.83%	Yes 2/11/11
g.	<a href="#">Project 2010-15 - Urgent Action Revisions to CIP-005-3</a>	Successive Ballot and Non-Binding Poll	4/19/11	4/28/11	Quorum: 79.66% Approval: 38.00%	No 4/19/11
h.	<a href="#">Project 2009-06 - Facility Ratings</a>	Cast Ballot	4/21/11	5/2/11	Quorum: 86.01% Approval: 48.74%	Abstain 4/26/11
i.	<a href="#">Project 2007-17 - Protection System Maintenance and Testing - PRC-005</a>	Successive Ballot and Non-Binding Poll	5/3/11	5/12/11	Quorum: 78.33% Approval: 67.00%	No Recommendation
j.	<a href="#">Project 2009-06 - Facility Ratings - FAC-008 and FAC-009</a>	Recirculation Ballot	5/12/11	5/23/11	Quorum: 91.25% Approval: 78.92%	Yes 5/12/11
k.	<a href="#">Project 2006-02 - Assess Transmission and Future Needs - TPL-001 through TPL-006</a>	Successive Ballot and Non-Binding Poll	5/18/11	5/31/11	Quorum: 92.07% Approval: 73.99	----
l.	<a href="#">Project 2007-03 - Real-time Operations - TOP-001 through TOP-008 and PER-001</a>	Initial Ballot and Non-Binding Poll	5/31/11	6/9/11	Quorum: 88.47% Approval: 48.64%	Reject 5/31/11
m.	<a href="#">Project 2007-09 - Generator Verification - MOD-026-1</a> Ballot Results Revised because of NERC IT problem	Cast Ballot	7/22/11	8/1/11	Quorum: 90.25% Approval: 46.53%	No Consensus 7/28/11

n.	<a href="#">Project 2007-09 – Generator Verification – MOD-026-1</a>	Cast Non-Binding Poll Opinion	7/22/11	8/1/11	Quorum: 88.75% Approval: 56.00%	----
o.	<a href="#">Project 2007-09 – Generator Verification – PRC-024-1</a> Ballot Results Revised because of NERC IT problem	Cast Ballot	7/22/11	8/1/11	Quorum: 90.82% Approval: 18.23%	No Consensus 7/28/11
p.	<a href="#">Project 2007-09 – Generator Verification – PRC-024-1</a>	Cast Non-Binding Poll Opinion	7/22/11	8/1/11	Quorum: 88.35% Approval: 20.79%	----
q.	<a href="#">Project 2007-17 – Protection System Maintenance and Testing – PRC-005</a>	Recirculation Ballot and Non-Binding Poll	6/20/11	6/30/11	Quorum: 82.97% Approval: 64.76%	Yes 6/28/11
r.	<a href="#">Project 2006-02 - Assess Transmission and Future Needs</a>	Cast Ballot	7/13/11	7/22/11	Quorum: 94.33% Approval: 75.37%	----
s.	Project 2006-06 - Reliability Coordination - IRO-002-3	Cast Ballot	7/15/11	7/25/11	Quorum: 94.13% Approval: 76.99%	Yes 7/22/11
t.	Project 2006-06 - Reliability Coordination - IRO-005-4	Cast Ballot	7/15/11	7/25/11	Quorum: 94.13% Approval: 75.17%	Yes 7/22/11
u.	Project 2006-06 - Reliability Coordination - IRO-014-2	Cast Ballot	7/15/11	7/25/11	Quorum: 94.13% Approval: 76.27%	Yes 7/22/11
v.	Project 2006-06 - Reliability Coordination - IRO-002-3	Cast Non-Binding Poll Opinion	7/15/11	7/25/11	Quorum: 75.37% Approval: 93%	----
w.	Project 2006-06 - Reliability Coordination - IRO-005-4	Cast Non-Binding Poll Opinion	7/15/11	7/25/11	Quorum: 75.66% Approval: 93%	----
x.	Project 2006-06 - Reliability Coordination - IRO-014-2	Cast Non-Binding Poll Opinion	7/15/11	7/25/11	Quorum: 75.37% Approval: 89%	----

y.	Project 2007-17 - Protection System Maintenance and Testing - PRC-005	Initial Ballot	9/19/11	9/28/11 9/29/11-- Technical Difficulties	Quorum: 84.86% Approval: 61.10%	Yes 9/21/11
z.	Project 2007-17 - Protection System Maintenance and Testing - PRC-005	Non-Binding Poll VRFs and VSLs	9/19/11	9/28/11 9/29/11-- Technical Difficulties	Quorum: 83.13% Approval: 68.68%	----
aa.	Project 2010-17 - Definition of Bulk Electric System - Initial Ballot of Definition of BES	Initial Ballot	9/30/11	10/10/11	Quorum: 92.97% Approval: 71.68%	No Consensus 10/3/11
bb.	Project 2010-17 - Definition of Bulk Electric System - Initial Ballot of Detailed Information to Support BES Exceptions Request	Initial Ballot	9/30/11	10/10/11	Quorum: 89.53% Approval: 64.03%	No Consensus 10/7/11
cc.	Project 2007-07 - Vegetation Management	Recirculation Ballot	10/4/11	10/13/11	Quorum: 87.17% Approval: 86.25%	Yes 2/22/11
dd.	<a href="#">Project 2011-INT-01 - Interpretation of MOD-028 for Florida Power &amp; Light Company</a>	Initial Ballot	11/7/11	11/16/11	Quorum: 91.2% Approval: 95.05%	Yes 11/8/11
ee.	<a href="#">Project 2009-22 - Interpretation of COM-002-2 R2 by the IRC</a>	Initial Ballot	11/8/11	11/18/11	Quorum: 91.2% Approval: 95.05%	Yes 11/8/11
ff.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface</a>  FAC-001-1  FAC-003-3  FAC-003-x	Initial Ballot	11/9/11	11/18/11	Quorum: 88.22% Approval: 86.94%  Quorum: 85.08% Approval: 85.71%  Quorum: 84.82% Approval: 85.71%	Yes 11/10/11

	PRC-004-2.1				Quorum: 84.29% Approval: 96.09%	
gg.	<a href="#">Project 2010-17 - Definition of Bulk Electric System and Implementation Plan</a>	Recirculation Ballot	11/10/11	11/21/11	Quorum: 95.92% Approval: 81.32%	Yes 10/3/11
hh.	<a href="#">Project 2010-17 - Detailed Information to Support an Exception Request</a>	Recirculation Ballot	11/10/11	11/21/11	Quorum: 93.02% Approval: 81.48%	
ii.	<a href="#">Project 2008-10 - Interpretation of CIP-006-x R1 for Progress Energy</a>	Successive Ballot	11/11/11	11/21/11	Quorum: 83.53% Approval: 95.99%	Yes 11/14/11

**13. Posted For 30-Day Pre-Ballot Review (Open Ballot Pools) Between RSC Meetings:**

a.				
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**14. Comment Forms Submitted (in Meeting Materials Package)**

a.	Standards Project Prioritization Reference Document and Tool	Comment Form	1/21/11	2/10/11
b.	Project 2007-12 - Frequency Response	Comment Form	2/4/11	3/7/11
c.	Project 2007-07 - Vegetation Management - FAC-003	Comment Form	1/27/11	2/28/11
d.	Project 2007-23 - Violation Severity Levels	Comment Form	1/20/11	2/18/11
e.	Project 2006-06 - Reliability Coordination - COM-001, COM-002, IRO-001, and IRO-014	Comment Form	1/18/11	3/7/11
f.	Regional Reliability Standards - PRC-006-NPCC-1 - Automatic Underfrequency Load Shedding	Comment Form (no comments submitted)	1/10/11	2/24/11
g.	CAN-0015--Draft CAN-0015 Unavailability of NERC Tools	Comments	2/4/11	2/18/11
h.	CAN-0016--Draft CAN-0016 CIP-001-1 R1 - Applicability to Non-BES	Comments	2/4/11	2/18/11
i.	CAN-0017--Draft CAN-0017 CIP-007 R5 System Access and Password Controls	Comments	2/11/11	3/4/11

j.	CAN-0018--Draft CAN-0018 FAC-008 R.1.2.1 - Terminal Equipment	Comments	2/4/11	2/18/11
k.	Proposed Changes to Rules of Procedure to Add Section 1700 - Challenges to Determinations	Comments	2/14/11	3/7/11
l.	Project 2009-06 - Facility Ratings - FAC-008 and FAC-009	Comment Form	3/17/11	5/2/11
m.	Project 2010-15 - Urgent Action Revisions to CIP-005-3 - CIP-005	Comment Form	3/29/11	4/28/11
n.	Project 2009-02 - Real-time Reliability Monitoring and Analysis Capabilities	Comment Form	2/16/11	4/4/11
o.	Notice of Proposed Changes to RFC Rules of Procedure and Request for Comments	Comments (No comments submitted)	3/1/11	4/15/11
p.	Proposed Amendments to NERC Rules of Procedure Appendices 3B and 3D	Comments	3/1/11	4/15/11
q.	Project 2010-07 - Generator Requirements at the Transmission Interface	Informal Comment Period	3/4/11	4/4/11
r.	Project 2009-01 - Disturbance and Sabotage Reporting	Comment Form	3/9/11	4/8/11
s.	Project 2007-17 - Protection System Maintenance and Testing - PRC-005	Comment Form	4/13/11	5/12/11
t.	Project 2010-17 - Definition of Bulk Electric System	Comment Form	4/28/11	5/27/11
u.	Project 2006-02 - Assess Transmission and Future Needs	Comment Form	4/18/11	5/31/11
v.	Project 2007-03 - Real-time Operations - TOP-001 through TOP-008 and PER-001	Comment Form	4/26/11	6/9/11
w.	Project 2010-17 - Definition of Bulk Electric System	Comment Form	5/11/11	6/10/11
x.	Rules of Procedure Development Team: BES Definition Exception Process	Comment Form	5/11/11	6/10/11
y.	CAN-0024--Draft CAN-0024 CIP-002 through CIP-009 Routable Protocols and Data Diodes	Comments	5/20/11	6/10/11
z.	CAN-0029--Draft CAN-0029 PRC-004-1 R1, R2 and R3 Misoperations	Comments	5/20/11	6/10/11
aa.	CAN-0030--Draft CAN-0030 Attestations	Comments	5/20/11	6/10/11
bb.	CAN-0039--Draft CAN-0039 DOE Form 407	Comments	5/20/11	6/10/11
cc.	Project 2010-05.1 – Protection Systems: Phase 1 (Misoperations)	Comment Form	6/10/11	7/11/11
dd.	Project 2007-09 – Generator Verification – MOD-025-2, MOD-027-1, PRC-019-1	Comment Form	6/15/11	7/15/11



ee.	Project 2007-09 – Generator Verification – MOD-026-1 and PRC-024-1	Comment Form	6/15/11	8/1/11
ff.	Project 2010-07 – Generator Requirements at the Transmission Interface – Various BAL, CIP, EOP, FAC, IRO, MOD, PER, PRC, TOP, and VAR standards	Comment Form	6/17/11	7/17/11
gg.	Proposed Changes to NERC Rules of Procedure and associated Appendices  (Appendix 4B – Sanction Guidelines; and Appendix 4C – Compliance Monitoring and Enforcement Program)	Sent Comments to ROPcomments@nerc.net	6/30/11	8/15/11
hh.	Project 2007-17 - Protection System Maintenance and Testing - PRC-005	Comment Form	8/15/11	9/29/11 (Extended from 9/28/11 because of NERC network problems)
ii.	Compliance Application Notice (CAN) Process	Comment Form	8/15/11	9/6/11
jj.	CAN-0016 CIP-001 R1 - Sabotage Reporting Procedure	Comment Form	8/15/11	9/6/11
kk.	<u>Project 2010-17 - Definition of Bulk Electric System - Initial Ballot of Definition of BES</u>	Comment Form	8/26/11	10/10/11
ll.	<u>Project 2010-17 - Definition of Bulk Electric System - Initial Ballot of Detailed Information to Support BES Exception Request</u>	Comment Form	8/26/11	10/10/11
mm.	<u>Proposed Changes to NERC Rules of Procedure and All Appendices</u>	Sent Comments to cancomments@nerc.net No Comments Submitted	9/2/11	10/17/11
nn.	<u>NERC 2012-2014 Reliability Standards Development Plan</u>	Comment Form	9/12/11	9/26/11
oo.	DRAFT CANs Posted for Comment and Retirement of CAN-0001 through 0004 (See note below table)	Sent Comments to cancomments@nerc.net	8/31/11	9/21/11
pp.	New CAN Template, five DRAFT CANs for Industry review, and CANs Status posted to NERC Compliance's Web site.	Sent Comments to cancomments@nerc.net	9/23/11	10/14/11
qq.	<u>Project 2010-17 - Bulk Electric System (BES) Definition - Rules of procedure Modifications to Support BES Exception Requests</u>	Comment Form	9/13/11	10/27/11

rr.	<a href="#">Project 2011-INT-01 - Interpretation of MOD-028 for Florida Power &amp; Light Company</a>	Comment Form	10/3/11	11/16/11
ss.	<a href="#">Project 2009-22 - Interpretation of COM-002-2 R2 by the IRC</a>	Comment Form	10/4/11	11/17/11
tt.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface</a> * See Item below this table	Comment Form	10/5/11	11/18/11
uu.	<a href="#">CAN-0020--TPL-002, TPL-003, TPL-004 and TOP-002 Equipment Maintenance Outages</a>	Sent Comment Form to cancomments@nerc.net	10/19/11	11/9/11
vv.	<a href="#">CAN-0030--Attestations</a>	No Comments	10/19/11	11/9/11
ww.	<a href="#">Project 2008-10 - Interpretation of CIP-006-1 R1.1 by Progress Energy</a>	Comment Form	10/12/11	11/21/11
xx.	<a href="#">CAN-0010--Definition of "Annual" and Implementation of Annual Requirements</a>	Sent Comment Form to cancomments@nerc.net	10/10/11	10/31/11
yy.	<a href="#">CAN-0011--PRC-005-1 R2: New Equipment</a>	Sent Comment Form to cancomments@nerc.net	10/10/11	10/31/11
zz.	<a href="#">CAN-0012--Completion of Periodic Activity Requirements During Implementation Plan</a>	Sent Comment Form to cancomments@nerc.net	10/10/11	10/31/11
aaa.	<a href="#">CAN-0013--PRC-023 R1 and R2 Effective Dates for Switch-on-to-Fault Schemes</a>	No Comments	10/10/11	10/31/11
bbb.	<a href="#">CAN-0015--Unavailability of NERC Software Tools</a>	Sent Comment Form to cancomments@nerc.net	10/10/11	10/31/11
ccc.	<a href="#">CAN-0022--VAR-002-1.1b R1 and R3 Generator Operation in Manual Mode</a>	No Comments	10/10/11	10/31/11
ddd.	<a href="#">CAN-0024--CIP-002 R3 Routable Protocols and Data Diode Devices</a>	Sent Comment Form to cancomments@nerc.net	10/10/11	10/31/11
eee.	<a href="#">CAN-0026--TOP-006 R3 Protection Relays</a>	Sent Comment Form to cancomments@nerc.net	10/10/11	10/31/11
fff.	<a href="#">CAN-0028--TOP-006-1 R1.2 Reporting Responsibilities</a>	No Comments	10/10/11	10/31/11
ggg.	Draft Directive Regarding Generator Transmission Leads (comments also submitted by CC)	Comments forwarded to NERC Staff: Jim Hughes, Jack Wiseman, Stacia Ann-	10/17/11	11/18/11 (originally 11/15/11)

		Chambers		
hhh.	<a href="#">CAN-00040 - BAL-003 Frequency Bias Calculation</a>	No Comments	11/2/11	11/23/11
iii.	<a href="#">CAN-0043 - PRC-005 Protection System Maintenance and Testing Evidence</a>	Comment Form (submitted to cancomments@nerc.net)	11/2/11	11/23/11

\* Item 14tt--FAC Alert Recommendation Webinar Participant Q&A.

**15. Reference Documents Posted For Comment Between RSC Meetings**

a.				
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**16. Drafting Team Nominations Open (Current and between RSC Meetings)**

a.				
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Item 16--There is no NPCC representative on the Protective System Maintenance Drafting Team. Any person wanting to participate on the Drafting Team will be considered for full membership if he/she shows a willingness to actively participate.

**17. NERC Meetings (in Meeting Materials Package)**

- a. Board of Trustees, Member Representatives Committee, and Board Committees' Meetings--Nov. 2-3, 2011.
  - 1. [Policy input.](#)
  - 2. [Schedule of events.](#)
  - 3. Presentations.
    - a. [Standards Oversight and Technology Committee](#)
    - b. [Compliance Committee Open Session](#)
    - c. [Member Representatives Committee](#)
    - d. [Board of Trustees](#)
    - e. Chairman's Notes.
- b. MRC Nov. 2, 2011 Meeting notes.
- c. NERC Board of Trustees Meeting Nov. 3, 2011--  
[NERC Board Approves Vegetation Management Standard; Focuses on Four Pillars of Success.](#)
- d. [NERC--Board of Trustees Conference Call Agenda--Nov. 22, 2011.](#)

Item 17--Sylvain Clermont reported on the meetings. Sylvain Clermont said that NERC was desirous to move away from ANSI processes. Questions raised regarding what are the benefits, what are the drawbacks. David Kiguel commented that the ANSI process is not perfect, but it

should be adhered to. Kathleen Goodman commented that the process works fine; the problem is that it is trying to be shaped by people outside the process. Sylvain Clermont reported that Gerry Cauley said that CANs are being misused. NERC would like CANs to work, but recognizes that the industry doesn't like CANs. NERC CIP Version 4 will not be skipped. Guy Zito commented that there could be a problem with implementing Version 4 while Version 5 is being considered.

**18. NERC RSG (in Meeting Materials Package)**

- a. Whitepaper on Regional Standards and Variances.

Item 18--The RSG is working on a paper to provide guidance regarding standards development.

**19. NERC Standards Committee Report (in Meeting Materials Package)**

- a. [2012-2013 Nov. 8-18, 2011 2012-2013 election results, special election.](#)
- b. Nov. 10, 2011 teleconference--notes.

Item 19a--David Kiguel and Carol Sedewitz in a runoff.

**20. NERC SPCPS Meeting (in Meeting Materials Package)**

- a.

**21. NERC Compliance Application Notices (CANs), Other (refer to Meeting Materials Package--see section 13 above)**

- a. CO-11 NPCC Restoration Working Group letter to Michael Moon regarding CAN-0006.
- b. [CAN Status spreadsheet.](#)

	<b><u>CAN Final Version --Table 1</u></b>	<b><u>Industry Comment Analysis Spreadsheet</u></b> (ctrl+click)	<b><u>Comment Analysis Summary</u></b> (ctrl+click)	<b><u>Industry Comment Redline</u></b> (ctrl+click)
1.	<a href="#">CAN-0006: EOP-005 R7 Verification of Restoration Procedure (Revised)</a>	<a href="#">AA1</a>	<a href="#">BB1</a>	<a href="#">CC1</a>
2.	<a href="#">CAN-0009: FAC-008 and FAC-009 Facility Rating and Design Specifications (Revised)</a>	<a href="#">DD1</a>	<a href="#">EE1</a>	<a href="#">FF1</a>
3.	<a href="#">CAN-0017: CIP-007 R5 Technical and Procedural System Access and Password Controls</a>	<a href="#">GG1</a>	<a href="#">HH1</a>	<a href="#">II1</a>

4.	<a href="#">CAN-0018: FAC-008 R1.2.1 Terminal Equipment (Revised)</a>	<a href="#">JJ1</a>	<a href="#">KK1</a>	<a href="#">LL1</a>
5.	<a href="#">CAN-0008: PRC-005 R2 Basis for First Maintenance and Testing Date (Revised)</a>	<a href="#">MM1</a>	<a href="#">NN1</a>	<a href="#">OO1</a>
6.	<a href="#">CAN-0010: Implementation of Annual in Reliability Standard Requirements (Revised)</a>	<a href="#">PP1</a>	<a href="#">QQ1</a>	<a href="#">RR1</a>
7.	<a href="#">CAN-0011: PRC-005 R2 Interval Start Date for New Equipment (Revised)</a>	<a href="#">SS1</a>	<a href="#">TT1</a>	<a href="#">UU1</a>
8.	<a href="#">CAN-0012: Completion of Periodic Activity Requirements During Implementation Plan (Revised)</a>	<a href="#">VV1</a>	<a href="#">WW1</a>	<a href="#">XX1</a>
9.	<a href="#">CAN-0013: PRC-023 R1 And R2 Effective Dates for Switch-On-To-Fault Schemes (Revised)</a>	<a href="#">YY1</a>	<a href="#">ZZ1</a>	<a href="#">AAA1</a>
10.	<a href="#">CAN-0028: TOP-006 R1.2 Reporting Responsibilities (Revised)</a>	<a href="#">BBB1</a>	<a href="#">CCC1</a>	<a href="#">DDD1</a>

	<b><u>Draft CANs--Table 2</u></b>	<b><u>Industry Comment Analysis Spreadsheet</u></b> (ctrl+click)	<b><u>Comment Analysis Summary</u></b> (ctrl+click)	<b><u>Industry Comments Received</u></b> (ctrl+click)
1.	<a href="#">DRAFT CAN-0029: PRC-004 R1, R2 and R3 Protection System Misoperations</a>	<a href="#">AA2</a>	<a href="#">BB2</a>	
2.	<a href="#">DRAFT CAN-0039: EOP-004-1 Filing DOE Form OE-417 Event Reports</a>	<a href="#">CC2</a>	<a href="#">DD2</a>	
3.	<a href="#">DRAFT CAN-0031: CIP-006 R1 Acceptable Opening Dimensions</a>	<a href="#">EE2</a>	<a href="#">FF2</a>	
4.	<a href="#">DRAFT CAN-0030: Attestations</a>	<a href="#">GG2</a>	<a href="#">HH2</a>	<a href="#">II2</a>

Item 21--Guy Zito raised the question of whether or not the RSC wants to remain involved with CANs. Not a lot of input is being received from CANs postings. How should CANs be handled? Ideas are being sought. The number of CANs being issued is becoming overwhelming. There is a workload issue for completing the feedback loop from a CAN back into its subject standard. This feedback loop is needed. Is there a better way to handle and do this?

**22. NERC Bulk Electric System Definition (in Meeting Materials Package)**

a.

Item 22--Stan Kopman developing a transition plan. Phil Fedora will be on a panel to evaluate exceptions. There will probably be variances between regions. The transition plan is intended for compliance. Phil Fedora will probably take care of exceptions.

**23. NERC Standards Bulletin**

- a. Nov. 7-13, 2011 edition.
- b. Nov. 14-20, 2011 edition.
- c. Nov. 21-27, 2011 edition.
- d. Nov. 28 - Dec. 4, 2011 edition.

**24. NPCC Regional Standards, and More--Update (in Meeting Materials Package)**

- a. Disturbance Monitoring (PRC-002-NPCC-01)
  1. FERC approved October 20, 2011.
- b. Automatic Underfrequency Load Shedding
  1. CEAP report.
  2. Approved by Member Ballot--Nov. 18, 2011. Submitted to and approved by the NPCC Board of Directors Nov. 30, 2012.
- c. Regional Reserve Sharing Groups
  1. Draft RSAR developed
  2. TFCO will oversee the Drafting Team.
  3. Drafting Team members.

Item 24a.1--FERC approved PRC-002-NPCC-01 Oct. 20, 2011. There were no directives or NOPRs issued, and FERC did not have any questions. David Kiguel discussed the applicability of the Disturbance Monitoring standard in relation to a “changing” BES definition. TFSP has also expressed concerns. Possible solutions to this issue involve compliance, submitting a RSAR, mitigation programs, and surveys. The Standard was written with the BES in effect at the time. There may be a need to develop a strategy.

Item 24b--Guy Zito reported that PRC-006-NPCC-01 was approved at the Nov. 30, 2011 NPCC Board of Directors Meeting. He reported that the Board expected more than the cost effectiveness information that was given them. The Board of Directors had a lot of questions, and will strategize in the future how to handle this report. David Kiguel reported that NERC is looking into cost effectiveness. The Board of Directors strategy will be a good gauge for this. Mike Garton remarked that it is difficult to do an evaluation. The report just looks at capital costs. In the future, anything presented to the Board will have to have costs associated. Has been posted by NERC for comments on the process (see Item 10f above).

Item 24c--Waiting for Directory #6 to be developed. The progress of Directory #6 will be monitored, and if it looks like reserve sharing will be a benefit the draft standard will be posted for comments.

**25. NY adoption of more stringent/specific NPCC Criteria**

- a. The New York filing (as well as an update to the applicable NPCC Criteria in Nova Scotia that were approved by the Nova Scotia Utility and Review Board earlier this year), will be filed by the end of October, 2011.

Item 25--NPCC's more stringent criteria is enforceable in New York. Criteria is filed with the New York State Public Service Commission, and is law in New York State. Changes have been made, and a refiling has to be made with the Public Service Commission. Guy Zito mentioned that help may be needed from people with New York assets. Margaret Mayora will be looking at this. There is no deadline.

**26. Directory and Regional Work Plan Status**

- a.

Directory Number	Title	Lead Group, Status	Current Activity
#1 (A-2)	Design and Operation of the Bulk Power System	Approved on 12/1/2009	TFCP has charged CP11 with a comprehensive review of Directory #1 to include the triennial document review, an examination of the NERC TPL standards, the existing NPCC planning criteria, and the implementation of Phase 2 of the Directory Project which will reformat the existing Directory criteria into NERC style requirements. TFCO has assigned CO-8 to review the TO requirements within the Directory #1 criteria. CP-11 has completed its review and returned the document to TFCP. TFSS and TFCO (CO-8) are also reviewing the draft and it is expected that the TFCO and TFSS will return the draft document to TFCP in early 2012 in order for the TFCP to post the initial draft to the Open Process.
#2 (A-3)	Emergency Operation	Approved on 10/21/08.	Automatic UFLS language transferred to Directory #12. Next TFCO review Oct. 21, 2011.
#3 (A-4)	Maintenance Criteria for BPS Protection.	Approved on 7/11/08.	Phase 2 reformatting pending.
#4 (A-5)	Bulk Power System Protection Criteria	Approved on 12/1/09.	TFSP expects to begin Phase 2 review of Directory #4 in early 2012.
#5 (A-6)	Operating Reserve	TFCO	Directory#5 was approved by the Full Members on December 2, 2010. TFCO is working to resolve several open issues including how imports from HQ are wheeled within the Region. A TFCO special meeting is scheduled for Dec. 6, 2011 to finalize proposed revisions to Directory #5 in advance of an Open Process posting.

#6 New	Reserve Sharing	TFCO	TFCO has posted a draft of a new Directory#6 on Regional Reserve Sharing which would replace C-38 until a Regional Standard is developed. An Open Process posting for Directory #6 concluded on Oct. 24, 2011, and awaiting the TFCO response to comments.
#7 (A-11)	Special Protection Systems	Approved on 12/27/07.	TFSP, TFSS, and TFCP are revising Directory #7. TFSP to incorporate current NRAP revisions (including Appendix A) of the document into a Phase 2 version and post for member comment after the November, 2011 TFSP Meeting.
#8 (A-12)	System Restoration	Approved on 10/21/08.	CO-11 has recently made revisions to the Directory #8 criteria. These revisions will be incorporated into the draft Phase 2 reformatting of Directory #8 which will be addressed by CO-8 early next year.
#9 (A-13)	Verification of Generator Real Power Capability	Approved on 12/22/08.	TFCO has posted the initial Phase 2 drafts of both Directories #9 and #10 to the Open Process. The initial open process concluded on June 14, 2011. TFCO reviewed comments and posted the revised Directories for a second posting which concluded on 10/24/2011. TFCO expects to present Directories #9 and #10 to the RCC in November, 2011, and anticipates a Full Member ballot of both Directories #9 and #10 in December, 2011.
#10(A14)	Verification of Generator Reactive Power Capability	Approved on 12/22/08.	Refer to Directory #9 preceding.
#12	UFLS Program Requirements	Approved on 6/26/09.	

Item 26--Gerry Dunbar reported that Directories 9 and 10 are going to the Full Members for ballot next week. The Directories have been reformatted. Directories 4 and 7 are going to be revised. CP11 is finished with Directory #1, TFCP is waiting for TFCO input. There is a TFCO meeting on Dec. 6, 2011 to sign off on Directory 5. TFCO will also address language in the reformatted Directory 1.

Guy Zito mentioned that TFSP has expressed the position that creating requirements implies that you have to meet those requirements as written. Regarding Directories 4 and 7, the criteria there meant to be design principles to determine if the SPS design is good. The criteria are not meant to restrict an entity to having to accomplish an end in a certain way. Criteria are intended to a reliability objective, and not prescriptive. The criteria should capture an intent, not a method. Are criteria really criteria, or are they design principles? To be audittable, something needs to be clear and measurable.

NPCC Glossary--with changes in definitions, all NPCC documents that might be affected have to be looked at. Criteria A-7 has been retired.

The process for retiring a directory has to be addressed.



Guy Zito--criteria, etc. have to be filed with the New York State Public Service Commission. Have to show where things have changed.

David Kiguel--might have to reformat directories in response to a new BES definition. Criteria will apply to BPS as identified in A-10. The NERC expansion of standards might do away with the necessity for NPCC Criteria. Might want to consider eventually doing away with Criteria. There might not be any facilities that Criteria will apply to. How NPCC goes forward is up to the NPCC Board of Directors.

**27. Review RFC, MRO Standards Relevant to NPCC (in Meeting Materials Package)**

- a. RFC Standards Under Development webpage  
<https://rsvp.rfirst.org/default.aspx>
- b. RFC Standard Voting Process (RSVP) webpage  
[ReliabilityFirst Corporation - Reliability Standards Voting Process](#)

	<u>Standard Under Development</u>	<u>Status</u>	<u>Start Date</u>	<u>End Date</u>
1.	<a href="#">PRC-006-RFC-01 (Automatic Underfrequency Load Shedding)</a>	Comment Period	9/28/11	10/27/11
	<a href="#">NERC Posting PRC-006-RFC-01</a>	<a href="#">Comment Form</a>	10/3/11	11/2/11

- c. Midwest Reliability Organization Approved Standards  
[http://www.midwestreliability.org/STA\\_approved\\_mro\\_standards.html](http://www.midwestreliability.org/STA_approved_mro_standards.html)  
(click on RSVP under the MRO header)
- d. Midwest Reliability Organization Reliability Standard Voting Process webpage (table lists standards under development)  
[Midwest Reliability Organization - Reliability Standards Voting Process](#)

	<u>Standard Under Development</u>	<u>Status</u>	<u>Start Date</u>	<u>End Date</u>
1.				
2.				

- e. As of June 14, 2010 MRO suspended its regional standards development.

Items 27c, d, e--to be removed.

**28. Report on NERC, NAESB and Regional Activities (in Meeting Materials Package)**

- a. Report on NERC, NAESB and Regional Activities
  - 1. October, 2011.

Item 28--nothing to report.

**29. Task Force Assignments, et al. (in Meeting Materials Package)**

- a.

Item 29--Reserve Sharing was assigned to TFCO. Some aspects of PRC-002-NPCC-01 might be revisited (Item 24a).

**30. Future Meetings and Other Issues (in Meeting Materials Package)**

- a. NERC News
  - 1. October, 2011 Edition.
- b. NERC Analysis of NERC Standard Process Results Third Quarter 2011 filed in Docket Nos. RR06-1-000, RR09-7-000.
- c. [NERC Reliability Standards and Compliance Workshop - October 26-28, 2011.](#)
- d. SNL Energy Power Daily--Senators see electric power system reliability declining. (see page 3).
- e. TFCO Review of the of the Proposed Modification to the Maxcys-Bucksport Special Protection System.
- f. Project 2007-12 Frequency Response and Frequency Bias Setting Webinar--Nov. 14, 2011.
- g. NERC Standards 101 Webinar--slides.
- h. NPCC Board of Directors Meeting Nov. 30, 2011--Agenda. Changes to RSC membership.
- i. NERC Completes First Grid Security Exercise.
- j. [NERC Standards Prioritization.](#)
- k. [Project 2008-06 Cyber Security Order 706 Industry Webinar – November 15, 2011--slides.](#)
- l. [Project 2007-12 Frequency Response Industry Webinar – November 14, 2011--slides.](#)
- m. ISO - New England--October 2011 Snowstorm.
- n. NERC Hires New Enforcement Director.
- o. NERC Media Release--Reserve Margins Down in Some Areas; NERC Integrated Analysis Shows Impact of Environmental Assessment.
- p. SERC Regional Standards Development Plan--requested SERC Board of Director actions.
  - 1. [Link to supporting documents.](#)
- q. NERC Participates in FERC Technical Conference.

Item 30--Guy Zito discussed the items in this section.

The RSC Scope, and 2012-2013 Workplan were submitted to the NPCC Board of Directors. Not acted upon because of workload.

### **31. Joint Meeting With The Compliance Committee**

- a. Measurability of Directories--Directories 5 and 7.
- b. NPCC Regional Standard PRC-006-NPCC-01 Automatic Underfrequency Load Shedding--approved by the NPCC Board of Directors Nov. 30, 2011.
  1. Requirements R4, R5, and double jeopardy considerations.
  2. Compliance enforcement of continent wide and Regional Standards.
- c. How will compliance be measured for NPCC Regional Standard PRC-002-NPCC-01 Disturbance Monitoring?
- d. Need for improved coordination for submission of comments to NERC CANs postings.
- e. RSC/CC joint meeting schedule for 2012.

Item 31a--David Kiguel reported that he and Guy Zito attended the TFSP Meeting last month. The concern expressed was to make requirements more measurable. TFSP was concerned that the criteria are not measurable, they are too open ended. TFSP suggested that they would evaluate for approval any new system that a owner might want to install.

Sal Buffamante commented that during an audit, as long as an entity can explain how it satisfied a requirement, that would be acceptable. He didn't see a problem.

When criteria audited, a template is to be used. It is self-certified. Criteria haven't been audited, but Sal Buffamante has been getting information. He doesn't see any cause for concern.

Greg Campoli reported that a small group had been looking at some Directories, and then approached the appropriate Task Forces looking for guidance on what they are looking for. Should that group be reconvened?

Action Item--a meeting should be set with TFSP to set up a template for Directory #7. The CC's Template Working Group would have to get involved. Guy Zito (to provide standards input) to meet with the TFSP leadership, and the CC Template Working Group to develop a template. Greg Campoli reported that there are the same "broad brush" issues with Directory #1 as with Directories #4, #7.

Item 31b.1--Howard Gugel said that when NERC reviewed, found that R4 gives options on how to set relays. R5 states that if you can't do it, do something else. The concern is that if an entity has to use R5, then R4 is being violated. Suggested to combine R4 and R5. Insert a table. Comments received indicated that that change should be incorporated. Don't want to file with FERC with this known problem. Richard Burke (CC) said that Compliance decided to have it stay as it was originally. R5 was intended to accommodate large users. Howard Gugel doesn't want to see the standard delayed. Need something to be said that

R4/R5 are either/or. Can do something in the Compliance Section, or explain in the FERC submission the rationale behind R4, R5. Sal Buffamante added that RSAWs will address either R4 or R5. Auditing will not be a problem. The language should not be changed in the Requirements Section. Ralph Rufrano questioned why R4 and R5 were not combined. Richard Burke responded by saying that the requirements were broken up because of Quality Review issues. Sal Buffamante again indicated that that doesn't present a problem. It is to be discussed with Guy Zito how to get language in the filing documents with FERC explaining R4, R5.

Item 31b.2--Richard Burke said that there is no overlap. Both standards will need to be met.

Item 31c--a CC member on the phone commented that the Implementation Plan for PRC-002-NPCC-01 will be superseded by an accelerated Implementation Plan for a new BES definition. David Kiguel said that Guy Zito will re-open discussions with TFSP. It was reported that this was discussed at yesterday's CC Meeting.

Item 31d--Greg Campoli expressed that he wanted to get the CC involved with the review process. David Kiguel said that the RSC would comment based on their expertise. Greg Campoli commented that a process needs to be put in place to have the RSC and CC communicate. Jonathan Appelbaum reported that he goes through the EEI because NPCC doesn't generate good comments. Sees no benefit from the NPCC submissions. Greg Campoli would like to see that improved. Needs to be a more definitive process. David Kiguel commented that more input is needed from members. Greg Campoli stated that CC input is needed. Greg Campoli said that CANs will be on the CC's agenda. Lee Pedowicz to work with Scott Nied to establish a process.

**Item 31e--Plan to have two joint meetings in 2012. The March date needs to be finalized.** One Joint Meeting will be held during the NPCC General Meeting. The attendees felt that a face to face meeting is important to get the RSC and CC to align their positions. Other meeting alternatives, such as teleconferences will be considered. Scott Nied to get Lee Pedowicz the 2012 CC Meeting dates.

**RSC 2012 Meeting Dates**

February 22-23, 2012 NPCC Offices	May 2-3, 2012 Dominion Resources Services Tredegar Facility
July 18-19, 2012 New England Location	September 5-6, 2012 Hydro-Quebec Offices, Montreal
October 24-25, 2012 Toronto	December--coincide with General Meeting

Leaving the schedule as is. The Sept. 5-6, 2012 Meeting may have to change because of a conflict with the RCC Meeting. The location of the July 18-19, 2012 Meeting's New England location has to be determined. Sylvain Clermont was to check with the CEA if the September RSC Meeting could be in Ottawa. Have to wait until after the RCC decides on its date. There is a possibility of the RSC Meeting being held in Nova Scotia. Sylvain Clermont will check on the possibility of holding the September RSC Meeting in wither Halifax, Ottawa, or Montreal after the RCC Meeting date is finalized.

David Kiguel--offered a tour of the Hydro One Control Center during our October 24-25, 2012 meeting in Toronto.

Meeting adjourned 15:53.

Meeting adjourned 09:38.

**2011 RSC Conference Call Schedule**

(call 719-785-1707, Guest Code 8287#)

Dec. 16, 2011
Dec. 30, 2011

**BOD 2012 Meeting Dates**

January 31, 2012--NPCC Offices
February 1, 2012--NPCC Offices
March 13, 2012 (BES Special Teleconference)
May 1, 2012 (Teleconference)
June 26, 2012--NPCC Offices
August 7, 2012 (Teleconference)
September 19, 2012--NPCC Offices
October 30, 2012 (Teleconference)
November 28, 2012--Montreal, Quebec

**RCC, CC, and Task Force Meeting Dates--2011/2012**

RCC	Nov. 29, 2011
	<b>2012--</b> March 1, June 6, Sept. 6, Nov. 27
CC	Dec. 1-2
TFSS	
TFCP	Feb. 8, May 9, August 15, Nov. 7
TFCO	
TFIST	
TFSP	Nov. 15-17

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, Andrienne S. Payson at 212-259-8218.

## Action Item List

Action Item Number	Agenda Item Number	Description	Owner	Due	Status
August 6-7, 2009					
60	3a	NPCC representatives from NERC drafting teams that have documents posted for comments report at RSC Meetings	Lee Pedowicz	RSC Meeting	Ongoing.
April 21-22, 2010					
63	----	Coordination with the Compliance Committee to develop Joint Activity Action List	Greg Campoli	RSC Meeting	Outgrowth of RSC/CC joint session April 21, 2010. Ongoing. Joint RSC/CC Meeting this meeting. Ralph Rufrano rejoined the RSC in the capacity of NPCC Compliance liaison. Comments not to be submitted on the CCEP.
June 29-30, 2010					
65	----	RSC to review the NPCC Members on NERC Drafting Teams list. Saurabh Saksena to maintain. Will get input from Carol Sedewitz.	RSC	RSC Meeting	Ongoing.



Action Item Number	Agenda Item Number	Description	Owner	Due	Status
August 18-19, 2010					
66	----	Status of Memorandum of Understanding	Sylvain Clermont	RSC Meeting	Provide update. (MOU in Meeting Materials Package)
Dec. 2, 2010					
69	----	Revise RSC Scope	Guy Zito	RSC Meeting	Approved at the August 3, 2011 RSC Meeting. To be presented to the NPCC Board of Directors.
Feb. 2-3, 2011					
71	----	Talk to Compliance about Regional Reliability Standard RSAWs. There should be a Compliance Committee representative on the Drafting Team.	Guy Zito	RSC Meeting	Ongoing.
73	----	Discuss consistency with the RSG.	Guy Zito	RSC Meeting	Ongoing.
March 16-17, 2011					
75	11f	Non-convergent contingencies enumerated in <a href="#">Project 2010-13 - Relay Loadability Order - PRC-023</a> Attachment B4a.	Guy Zito	RSC Meeting	To be discussed with Sal Buffamante.

Action Item Number	Agenda Item Number	Description	Owner	Due	Status
August 3-4, 2011					
October 26-27, 2011					
77	22d	If a term defined in one document, should it be included in the NPCC Glossary?	Guy Zito/Gerry Dunbar	RSC Meeting	Ongoing.
Dec. 1-2, 2011					
78	24a.1	Strategize with TFSP what will need to be done to make PRC-002-NPCC-01 conform to a new BES definition.	Guy Zito	RSC Meeting	

Action Item 60--no one will be calling in.

Action Item 63--Greg Campoli had nothing to report. An agenda had been put together for the Dec. 2, 2011 joint RSC/CC meeting.

Action Item 65--Sylvain Clermont reported that a name had to be added to the list for Project 2008-06. Sylvain Clermont will send the name to Lee Pedowicz. Lee Pedowicz will send the name to Saurabh Saksena.

Action Item 66--Sylvain Clermont said that there was nothing new to report. Still waiting for a government decree to approve.

Action Item 69--The NPCC Board of Directors did not act on it because of meeting time constraints. The NPCC Board of Directors will act on it during their February meeting.

Action Item 71--Compliance will try to provide more support. Audit process issues need to be worked out. Conflicts can arise between continent-wide standards and regional standards. Guy Zito said that regional standards augment continent wide standards, and can be more stringent.

Action Item 73--Ongoing.

Action Item 75--Not approved by FERC as of this meeting. Guy Zito still has to discuss with Sal Buffamante. There is an issue with entities not knowing how to demonstrate that they did tests.

Action Item 77--Ongoing. The NPCC Glossary is no longer an "A" document. This makes it easier to revise. The meeting discussed the differences between the NERC Glossary and the NPCC Glossary.