



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

**NPCC Regional Standards Committee**  
**Minutes**  
**Meeting # 11-5**

October 26, 2011 10:00 a.m. - 5:00 p.m.  
October 27, 2011 8:00 a.m. - 3:00 p.m.

Hyatt Harborside at Boston's Logan International Airport  
101 Harborside Drive  
Boston, Massachusetts

Dress Business Casual

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

**Note: Glossary of Terms Used in NERC Reliability Standards dated August 4, 2011 included in the Meeting Materials.**

**Items in red from the October 26, 2011 session.**

**Items in green from the October 27, 2011 session.**

**Meeting called to order at 10:02 a.m.**

**Meeting called to order at 8:02 a.m.**

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

a. RSC membership changes.

	<b><u>Name</u></b>	<b><u>Organization</u></b>	<b><u>Sector</u></b>
1.	David Kiguel	Hydro One Networks Inc.	1
2.	Michael Lombardi	Northeast Utilities	1
3.	David Ramkalawan	Ontario Power Generation, Inc.	4
4.	Howard Gugel	NERC	Guest

5.	Mike Garton	Dominion Resources Services, Inc.	4
6.	Ron Falsetti	AESI Acumen Engineered Solutions International Inc.	Guest
7.	Don Weaver	New Brunswick System Operator	2
8.	Sylvain Clermont	Hydro-Quebec TransEnergie	1
9.	Kathleen Goodman	ISO - New England	2
10.	Greg Campoli	New York Independent System Operator	2
11.	Ben Wu	Orange and Rockland Utilities	1
12.	Si-Truc Phan	Hydro-Quebec TransEnergie	2
13.	Bruce Metruck	New York Power Authority	5
14.	Don Nelson	Commonwealth of Massachusetts	Guest
15.	Randy MacDonald	New Brunswick Power Transmission	1
16.	Lee Pedowicz	Northeast Power Coordinating Council	
17.	Gerry Dunbar	Northeast Power Coordinating Council	
18.	Brian Evans-Mongeon	Utility Services	5
19.	Tina Teng	IESO	Guest

**On the Phone**

	<b><u>Name</u></b>	<b><u>Organization</u></b>	<b><u>Sector</u></b>
1.	Saurabh Saksena	National Grid	3
2.	Chris de Granffenried	Consolidated Edison Co. of New York, Inc.	1
3.	Jerry Mosier (10/27)	Northeast Power Coordinating Council	

**2. RSC August, 2011 Meeting Minute Approval and Antitrust Guidelines**

(in Meeting Materials Package)

a. **Discussion of the August, 2011 RSC Meeting minutes.**

Lee Pedowicz read the NPCC Antitrust Compliance Guidelines.

Item 2a--Guy Zito reviewed the Minutes of the August, 2011 RSC Meeting. A motion to approve the Minutes as read was made by Don Weaver, and seconded by Michael Lombardi. A vote was taken, and with the exception of two abstentions, all others were in favor of accepting the Minutes.

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
4. **Review Executive Tracking Summary** (in Meeting Materials Package)
  - a. Review entries.

Item 4a--Michael Lombardi reviewed. RSC Members commented that they found the Executive Tracking Summary very useful.

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

- a. FERC News--September 15, 2011. Items from FERC Sunshine Open Meeting.
  1. September 15, 2011 Meeting Summaries.
- b. October 2011 Meeting Summaries.

<b><u>NOPRs</u></b>					
Item	NOPR	Docket No.	Posted	End Date	When Effective
T1	Version 4 Critical Infrastructure Protection Reliability Standards	RM11-11-000	9/15/11		
T2	Transmission Relay Loadability Reliability Standard	RM11-16-000	9/15/11		
T3	Automatic Underfrequency Load Shedding and Load Shedding Plans Reliability Standards	RM11-20-000	10/20/11 (Federal Register 10-26-11)	60 days after publication in the Federal Register	Comments due 12/27/11
T4	Transmission Planning Reliability Standards	RM11-18-000	10/20/11 (Federal Register 10-26-11)	60 days after publication in the Federal Register	

<b><u>Letters of Approval</u></b>			
Item	Docket No.	Posted	Summary
U1	RR10-12-001	8/25/11	Letter Order Issued Approving NERC Standards Process

			Manual Modifications
U2	RD11-7-000	9/15/11	FERC approves Reliability Standard PER-003-1
U3	RD11-8-000	10/20/11 (Federal Register 10/25/11)	FERC approves NPCC Regional Reliability Standard PRC-002-NPCC-01, and NERC's requested implementation plan.

<b><u>Petitions</u></b>			
Item	Docket No.	Posted	Title
V1	RD11-6-000	8/2/11	Petition of the North American Electric Reliability Corporation for Approval of the Reliability Standard CIP-001-2a – Sabotage Reporting with a Regional Variance for Texas Reliability Entity
V2	Docket No. RM11-__-000	9/9/11	Petition of the North American Electric Reliability Corporation For Approval of Interpretations to Requirements of Reliability Standards EOP-001-0 and EOP-001-2— Emergency Operations Planning
V3	Docket No. RM__-__-__	10/19/11	<a href="#"><u>Petition of the North American Electric Reliability Corporation For Approval of a Revised Transmission Planning System Performance Requirements Reliability Standard and Five New Glossary Terms and for Retirement of Four Existing Reliability Standards</u></a>

<b><u>Motion To Defer Further Action</u></b>			
Item	Docket No.	Posted	Summary
W1	RM09-13-000	8/11/11	NERC requests that FERC defer action on BAL-004-1 to allow further research and analysis to be performed by NERC.
W2	RM09-13-000	8/11/11	NERC requests that FERC continue to defer action regarding the BAL-004-1 Time Error Correction standard.

<b><u>Compliance Filing</u></b>			
Item	Docket No.	Posted	Summary
X1	RM06-16-000	8/31/11	Second Quarter 2011 Compliance Filing of NERC in Response to Paragraph 629 of Order No. 693--timeframe to restore power

			to the auxiliary power systems of U.S. nuclear power plants following a blackout.
<b><u>Final Rule</u></b>			
<b>Item</b>	<b>Docket No.</b>	<b>Posted</b>	<b>Summary</b>
Y1	RM10-29-000; Order No. 753	9/15/11	FERC approves NERC's proposed interpretation of Reliability Standard, TOP-001-1, Requirement R8, which pertains to the restoration of real and reactive power during a system emergency.
Y2	RM10-6-000; Order No. 754	9/15/11	FERC rejects the NOPR for an alternative interpretation of Requirement R1.3.10 of Reliability Standard TPL-002-0. FERC approves NERC's proposed interpretation.

<b><u>Other</u></b>			
<b>Item</b>	<b>Docket No.</b>	<b>Posted</b>	<b>Summary</b>
Z1	RM08-13-004	9/15/11	Order Denying Reconsideration And Granting Clarification In Part And Denying Clarification In Part (Order No. 733-B)
Z2	RD11-5-000	9/26/11	Order Approving Interpretation Of Reliability Standards
Z3	RR10-1-001	9/28/11	Annual Report Of The North American Electric Reliability Corporation On Wide-Area Analysis Of Technical Feasibility Exceptions
Z4	AD-12-1-000 Notice of Technical Conference	10/7/11	FERC will hold a Technical Conference on Tuesday, November 29, 2011, from 1:00 p.m. to 5:00 p.m. and Wednesday, November 30, 2011, the purpose of which will be to discuss policy issues

			related to reliability of the Bulk-Power System.
Z5	RR11-3-000	10/17/11	Petition for Approval of Amendments to Delegation Agreement with NPCC.
Z6	RD11-9-000	10/20/11 (Federal Register 10/25/11)	Order Approving Interpretation Of Reliability Standards. FERC approves NERC's proposed interpretation of Requirement R10 of Reliability Standard TOP-002-2a, and approves the interpretation, referred to as Reliability Standard TOP-002-2b.
Z7	RR11-7-000	10/20/11	Order Accepting 2012 Business Plan And Budget of the North American Electric Reliability Corporation

**6. Current and Pending Ballots:**

a.	<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
b.	<a href="#">Project 2009-22 - Interpretation of COM-002-2 R2 by the IRC</a>	Initial Ballot	11/8/11	11/17/11
c.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface</a>	Initial Ballot	11/9/11	11/18/11

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

a.				
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**8. Join Ballot Pools:**

a.	<a href="#">Project 2011-INT-01 - Interpretation of MOD-028 for Florida Power &amp; Light Company</a>	<a href="#">Join Ballot Pool</a>	10/4/11	11/2/11
b.	<a href="#">Project 2009-22 - Interpretation of COM-002-2 R2 by the IRC</a>	<a href="#">Join Ballot Pool</a>	10/4/11	11/3/11
c.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface</a>	<a href="#">Join Ballot Pool</a>	10/5/11	11/4/11

**9. Posted for Comment: (in Meeting Materials Package)**

a.	<p><a href="#">Project 2010-17 - Bulk Electric System (BES) Definition - Rules of procedure Modifications to Support BES Exception Requests</a></p> <p><a href="#">BES Exception Process (Appendix 5C to NERC Rules of Procedure)--Redline</a></p> <p><a href="#">Section 509 of NERC Rules of Procedure: Exceptions to the Definition of BES</a></p> <p><a href="#">Section 1703 of NERC Rules of Procedure: Challenges to NERC Determinations of BES Exception Requests Under 509</a></p> <p><a href="#">Flow Charts</a></p> <p><a href="#">Sample Form: Request for Exception to BES Definition</a></p> <p><a href="#">Announcement</a></p>	<p><a href="#">Comment Form</a> (Word version in Meeting Materials)</p>	9/13/11	10/27/11
b.	<p><a href="#">Project 2011-INT-01 - Interpretation of MOD-028 for Florida Power &amp; Light Company</a></p> <p><a href="#">Draft 1--SAR</a></p> <p><a href="#">MOD-028-2--Redline to Last Approved</a></p> <p><a href="#">Implementation Plan</a></p> <p><a href="#">FPL Request for Interpretation</a></p> <p><a href="#">Announcement</a></p>	<p><a href="#">Comment Form</a> (Word version in Meeting Materials)</p>	10/3/11	11/16/11
c.	<p><a href="#">Project 2009-22 - Interpretation of COM-002-2 R2 by the IRC</a></p>	<p><a href="#">Comment Form</a> (Word version in Meeting Materials)</p>	10/4/11	11/17/11

	<a href="#">Draft 2 Interpretation--Redline to Last Posting Announcement</a>			
d.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface</a>  FAC-001-1-- <a href="#">Redline to Last Posted</a> <a href="#">Redline to Last Approved</a>  FAC-003-x-- <a href="#">Redline to Last Posted</a> <a href="#">Redline to Last Approved</a>  <a href="#">FAC-003-3--Redline to Last Posted</a>  <a href="#">PRC-004-2.1--Redline to Last Approved</a>  Implementation Plans:  <a href="#">FAC-001-1--Redline</a> <a href="#">FAC-003-3--Redline</a> <a href="#">FAC-003-x--Redline</a> <a href="#">PRC-004-2--Clean</a>  <a href="#">Technical Justification</a>  <a href="#">Technical Justification for FAC-001-1 Announcement</a>	<a href="#">Comment Form</a> (Word version in Meeting Materials)	10/5/11	11/18/11
e.	<a href="#">CAN-0010--Definition of "Annual" and Implementation of Annual Requirements</a>	CAN Comment Form to be Sent to <a href="mailto:cancomments@nerc.net">cancomments@nerc.net</a>	10/10/11	10/31/11
f.	<a href="#">CAN-0011--PRC-005-1 R2: New Equipment</a>	CAN Comment Form to be Sent to <a href="mailto:cancomments@nerc.net">cancomments@nerc.net</a>	10/10/11	10/31/11
g.	<a href="#">CAN-0012--Completion of Periodic Activity Requirements During Implementation Plan</a>	CAN Comment Form to be Sent to <a href="mailto:cancomments@nerc.net">cancomments@nerc.net</a>	10/10/11	10/31/11
h.	<a href="#">CAN-0013--PRC-023 R1 and R2 Effective Dates for Switch-on-to-Fault Schemes</a>	CAN Comment Form to be Sent to <a href="mailto:cancomments@nerc.net">cancomments@nerc.net</a>	10/10/11	10/31/11
i.	<a href="#">CAN-0015--Unavailability of NERC Software Tools</a>	CAN Comment Form to be Sent to <a href="mailto:cancomments@nerc.net">cancomments@nerc.net</a>	10/10/11	10/31/11
j.	<a href="#">CAN-0022--VAR-002-1.1b R1 and R3 Generator Operation in Manual Mode</a>	CAN Comment Form to be Sent to <a href="mailto:cancomments@nerc.net">cancomments@nerc.net</a>	10/10/11	10/31/11



k.	<a href="#">CAN-0024--CIP-002 R3 Routable Protocols and Data Diode Devices</a>	CAN Comment Form to be Sent to cancomments@nerc.net	10/10/11	10/31/11
l.	<a href="#">CAN-0026--TOP-006 R3 Protection Relays</a>	CAN Comment Form to be Sent to cancomments@nerc.net	10/10/11	10/31/11
m.	<a href="#">CAN-0028--TOP-006-1 R1.2 Reporting Responsibilities</a>	CAN Comment Form to be Sent to cancomments@nerc.net	10/10/11	10/31/11
n.	<a href="#">Project 2008-10 - Interpretation of CIP-006-1 R1.1 by Progress Energy</a> <a href="#">Draft Interpretation--Redline to Last Posting Form CIP-006-3C</a> <a href="#">Announcement</a>	<a href="#">Comment Form</a> (Word version in Meeting Materials)	10/12/11	11/21/11
o.	<a href="#">Draft Directive Regarding Generator Transmission Leads</a> <a href="#">Draft Directive</a> <a href="#">Attachment 1--Examples of Typical Generation Transmission Tie Lines</a> <a href="#">Attachment 2--Pro Forma Memorandum of Understanding (MOU)</a> <a href="#">Appendix 1 to the MOU--Application Standards</a>	Comments to be forwarded to NERC Staff: Jim Hughes, Jack Wiseman, Stacia Ann-Chambers	10/17/11	11/15/11
p.	<a href="#">CAN-0020--TPL-002, TPL-003, TPL-004 and TOP-002 Equipment Maintenance Outages</a> <a href="#">Redline</a>	CAN Comment Form to be Sent to cancomments@nerc.net	10/19/11	11/9/11
q.	<a href="#">CAN-0030--Attestations</a> <a href="#">Redline</a>	CAN Comment Form to be Sent to cancomments@nerc.net	10/19/11	11/9/11

- a-beneath--CIP 706 Drafting Team Meeting Notes, September, 2011.
- b-beneath--PRC-024 variance--Hydro-Quebec.
- c-beneath--Protection and Control Subcommittee Joint Meetings--materials.  
Discussion of SPS and related items.
- d-beneath--FERC Technical Conference--CIP-006-2, Oct. 25, 2011.
- e-beneath--CAN Comment Form--template.

Item 9a--Brian Evans-Mongeon reported that for the comment period that closed Oct. 10, 2011 NERC received over 1000 pages of comments for both of the documents that were posted. The responses to the comments rest with the Standard Drafting Team members. Anticipate that the responses will be made public the week of Oct. 31, 2011. An updated definitions document was sent out. The NERC BOT is scheduled to meet Nov. 3, 2011, and this will be on the agenda. There will be a recirculation ballot, and the NERC Board of Trustees will give guidance to the NERC Staff. David Ramkalawan remarked that black start facilities were mentioned in many of the comments submitted. Brian Evans-Mongeon said that black start facilities are essential to the restoration of the power system, thus making them needed for overall reliability. Everyone who submitted a comment will receive a response. David Ramkalawan observed that non-retail load was not addressed, but was mentioned in comments. Comments will be addressed globally. Greg Campoli commented that UFLS relays are not considered BES. Brian Evans-Mongeon responded that equipment that deals with non-BES facilities is not considered BES. In addition to UFLS relays, this includes UVLS relays. Chris de Graffenried questioned radial designs as being non-conforming.

The Standard Drafting Team is not anticipating another meeting until the next phase. Compliance developed a straw man transition plan to provide guidance on how to conform to a new BES definition. Transition plans were discussed. Looking for draft transition plans from New York Transmission Operators.

Are the Canadians included? The feeling was that the Canadian entities were being ignored.

Guy Zito explained why he cast an affirmative vote during the last ballot. There were no "deal breakers" that would justify a "No" vote. The NPCC Board of Directors had discussed the BES definition. The NPCC was restricted to only voting on the definitions in Order 743. If the Standard Drafting Team had met that, the ballot would be "Yes". Guy Zito explained he had a responsibility to the NPCC Board of Directors and the NPCC Executive Management to vote appropriately. Sylvain Clermont commented that he was only considering voting "No", and not abstaining. Everyone except the NYISO and NPCC voted "No". Guy Zito did not disagree with the NPCC Board of Directors. He had sent out a letter with the issues, and got no responses. At the RSC Executive Committee Meeting Sept. 14, 2011 there were no deal breakers identified. Kathleen Goodman commented that on the one hand NPCC should be able to vote as an individual entity, and on the other it is important for the RSC's feelings to be made known.

The assembled were asked why they cast "No" votes. David Ramkalawan indicated that it is known that the process will be going to a Phase 2, and the feeling was that the industry was being pushed. Phase 2 should have been completed before a ballot was conducted. Guy Zito replied that because of a tight time constraint that would not have been possible. Sylvain Clermont commented that even though the comments submitted were agreeable to the members, the members viewed them as not being favorable to casting a "Yes" ballot. Kathleen Goodman commented that she disagreed with the implemented concurrent balloting and commenting. She cannot vote when she doesn't know how submitted comments will be addressed. Sylvain Clermont suggested that Guy Zito speak with Ed Schwerdt about this. Guy Zito agreed to that. Guy Zito commented

that it is important to understand how each one of the member's votes, and how the voting positions are developed. The vote needs to be coordinated. Lee Pedowicz sent out the Comment Form (due Oct. 27, 2011) with the draft responses for a final review before submission.

Kathleen Goodman, the IESO, Saurabh Saksena, and Michael Schiavone asked that their names not be included on the final submission to NERC.

Item 9b--there were no comments at the time of the Meeting.

Item 9c--there were no comments at the time of the Meeting.

Item 9d--waiting for comments from the ISO/RTO Council. Per Sylvain Clermont and David Kiguel, wind farms will be tapping in. David Kiguel is concerned about loads tapping in because of the regulating governance where the tap is made. Kathleen Goodman to send Lee Pedowicz comments by Nov. 10, 2011.

Item 9e--Greg Campoli sent comments.

Item 9f--CAN-0011 appears to go beyond what the requirement says. Mike Garton commented that the Standard refers to the BES, yet the CAN changed it to BPS. Why?

Item 9g--A discussion took place over the meaning of "annual". The CAN raised the question of how can compliance be retroactive? David Kiguel offered to come up with a comment for the RSC to consider. There is an attempt being made to state when a Standard becomes effective.

Item 9h--there were no comments at the time of the Meeting.

Item 9i--Pertains to NERC software tools. Bullet 2 on page 3 of 5 of the CAN suggests accomplishing the availability objective of the Standard, but not the requirement.

Item 9j--Both Ron Falsetti and Kathleen Goodman commented that the CAN had no apparent value. There were no comments from the RSC as a group. The question was asked if the CAN expanded the scope or changed the Standard, and the answer was no that it didn't. Michael Lombardi reported that Northeast Utilities will comment individually.

Item 9k--the comments submitted by TFIST were looked at. It was explained by Howard Gugel that a data diode takes available material, and converts it to one way serial data. It does involve routable protocol. It was agreed that the comments submitted by RSC would be those provided by TFIST.

Item 9l--the CAN, by the way it is written, says that the RC, etc. should communicate relay characteristics to operating personnel. Lee Pedowicz to generate comments to this CAN.

Item 9m--there were no comments at the time of the meeting.

Item 9n--TFIST to provide comments.

Item 9o--Kathleen Goodman to provide comments.

Item 9p--it was questioned whether or not this CAN is expanding a requirement. Randy MacDonald to review.

Item 9q-- were no comments at the time of the meeting.

Note: for CAN Items 9e through 9m, RSC members reviewed and were given the opportunity to send to Lee Pedowicz. Lee Pedowicz reviewed the comments and submitted to NERC Oct. 31, 2011.

Item 9b-beneath--Hydro-Quebec has a variance for PRC-006. PRC-024 should have the curve from PRC-006. Guy Zito commented that NERC Staff should be able to coordinate getting this done. Guy Zito gave it to Howard Gugel. Si-Truc Phan to send E-mail with the specific information to Howard Gugel. Howard Gugel commented that the change should be easy to implement because the Standard is in development.

**10. Reference Documents Posted For Comment**

a.				
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**11. 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)					Results of Ballot	RSC Recommend/Date
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	Yes 10/28/10

					72% Support	
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

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

a.				
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**13. Comment Forms Submitted (in Meeting Materials Package), (red entries added since prior RSC Meeting)**

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	Comments	5/20/11	6/10/11



	CIP-009 Routable Protocols and Data Diodes			
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.	<a href="#">NERC 2012-2014 Reliability Standards Development Plan</a>	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 <a href="mailto:cancomments@nerc.net">cancomments@nerc.net</a>	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 <a href="mailto:cancomments@nerc.net">cancomments@nerc.net</a>	9/23/11	10/14/11

For Item 13oo--Draft letter from Jerry Mosier regarding CAN-0006. No comments for CAN-0006 had been received for CAN-0006 or submitted by RSC. Soliciting RSC input.

a-beneath--[Project 2008-06 Cyber Security Order 706 – Draft Version 5 \(CIP-002-CIP-011\) Webinar August 24, 2011.](#)

Item 13oo--Jerry Mosier called in. the Restoration Working Group reviewed CAN-0006: EOP-005-1 R7 Verification of Restoration. Comments were that this CAN introduced contradictions. Jerry Mosier discussed a letter that he authored detailing the Group's concerns. The letter was drafted because the Group was not able to submit its comments by the Sept. 21, 2011 deadline. Guy Zito suggested that the letter be signed by the Chair of CO-11 sign the letter. It was suggested that both the TFCO and CO-11 chairs sign the letter, but it was decided that just the CO-11 chair should sign it. Jerry Mosier wanted to insert introductory remarks and re-send to the RSC alter in the day for its review and input. A comment was made that the letter has to be closed with a suggestion, a statement indicating what is felt needs to be done. The letter should also say that table top exercises achieve the results desired in the Standard. Jerry Mosier revised the letter and re-sent it to the RSC. Guy Zito read the letter. It was discussed, and revised. CO-11 went beyond their authority. The letter was revised and sent back to Jerry Mosier.

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

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

a.	Project 2007-17 - Protection System Maintenance and Testing Drafting Team	Nomination Period	9/1/11	9/23/11
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**16. NERC Meetings (in Meeting Materials Package)**

- a. Board of Trustees Meeting August 4, 2011.
  - 1. Approved four Standards--Project 2006-02 Assess Transmission Future Needs and Develop Transmission Plans (TPL-001-2), and Project

2006-06 Reliability Coordination (IRO-002-3, IRO-005-4 and IRO-014-2)

- b. Member Representatives Committee Meeting August 3, 2011.
  - 1. [Nominations and Elections](#).
- c. Compliance Committee Meeting August 3, 2011.
- d. Planning Committee Meeting Sept. 13-14, 2011.
- e. [Standards and Compliance Workshop--Oct. 26-28, 2011](#).

Sylvain Clermont mentioned that the NERC MRC and Board of Trustees were scheduled to meet next week.

Guy Zito discussed the items on the Agenda that were for information.

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

- a. NERC Regional Reliability Standards Evaluation Procedure to be considered by the RSG.

A white paper has been generated to support this procedure.

**18. Standards Committee Report (in Meeting Materials Package)**

- a. August 11, 2011 Meeting.
- b. [2012-2013 Standards Committee elections](#). Nominations due Nov. 1, 2011.
- c. October, 2011 Meeting.

The current Standards Development Process is overloading existing resources. The process needs to be changed to be able to effectively utilize industry resources.

**19. SPCS Meeting (in Meeting Materials Package)**

- a.

**20. NERC Compliance Application Notices (CANs) (in Meeting Materials Package--see sections 9 and 13 above)**

- a. Compliance Application Notices (CANs) and Bulletins (see Items 9 and 13).
- b. General discussion (CO-11 request).
- c. Updated [CAN Status Spreadsheet](#).
- d. Final dispositions of:
  - 1. CAN Process.
  - 2. CAN-0016: CIP-001 R1 Sabotage Reporting Procedure.
- e. NERC Compliance Announcement Oct. 19, 2011.
  - 1. [CIP Table Three Entities](#)

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

- a. August 8-11, 18 meetings. Presentation to NERC Standards Committee August 18, 2011.

- b. Bulk Electric System Definition Project - Fact Sheet, Fact Sheet with revisions.
- c. NARUC Resolution on BES Definition.
- d. Webinar--September 28, 2011.
- e. Hydro-Quebec request for discussion of ballot decisions.
- f. October 18-20, 2011 Definition of BES Drafting Team Meeting.
- g. Updated Definitions of Terms Used in Standard.

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

- a. Disturbance Monitoring (PRC-002-NPCC-01)
  - 1. FERC approval October 20, 2011.
- b. Underfrequency Load Shedding
  - 1. Authorization to Post CEAP and Pre Ballot for UFLS PRC -006-01.
- c. Regional Reserve Sharing Groups
  - 1. Draft RSAR developed
  - 2. TFCO will be the Drafting Team. NPCC, and NERC soliciting for additional Drafting Team members.
- d. NPCC Glossary of Terms--for RSC approval, retirement of Criteria A-7 NPCC Glossary of Terms.

Item 22b--RSC was reminded to encourage submission of response to the Cost Effectiveness Questions. Information is needed from the Generator Forum. A CEAP report is to be generated before PRC-006-NPCC-01 is posted for ballot.

Item 22c--Guy Zito stated that there is no NERC Standard to address the issues contained therein. The Regional Reserve Sharing Groups Regional Standard is intended to fill that gap. Guy Zito wants to have the Standard posted. The posting is not intended to be the go ahead for the Standard's development. It is intended to get industry input to assist in the determination of a future course of action. The Standard applies to Balancing Authorities. A directory is being developed in parallel with the Standard. It is hoped that the Standard will encourage the submission or more comments from industry. This was brought to the RSC for its approval for a 45 day posting for comments. Development of the Standard is also a goal of the NPCC Board of Directors (third Regional Standard). The TFCO also requested the development of this "fill in the blank" Standard. Ben Wu asked if NERC was heading towards eliminating Regional Standards. Howard Gugel responded that Regional Standards are needed for a Region to close Regional reliability gaps. Ron Falsetti commented that Ontario market rules were introduced to allow the IESO to participate. Mike Garton made a motion to approve the draft Standard for posting. Seconded by Brian Evans-Mongeon. With the exception of two abstentions, all others were in favor. Regional Reserve Sharing Groups will be posted for a 45 day comment period.

Item 22d--The NPCC Glossary is a tool that the Task Forces will use to check for discrepancies in “in use” definitions. The Glossary will contain all approved terms. The document has been posted for comments. RSC will have to approve. The Glossary will improve efficiency by not having to have the entire document approved when there is a change as had to be done with Criteria A-7. David Kiguel questioned how to ensure consistency in the use of terms. That will be resolved in the Directory approval process. If there is a change in the Glossary, will then have to go back to affected Directories? Under discussion is how to show defined terms in the Directories. If a definition is only in one document, it was suggested that the definition only be identified in that document, and not in the Glossary. Si-Truc Phan made a motion to approve the Glossary, seconded by Bruce Metruck. All were in favor.

Action Item--further discussion required regarding how to show a definition that may only be used in one document (see Action Item List).

**23. NPCC Cost Effectiveness Analysis, Triage Process (in Meeting Materials Package)**

- a. **Cost Effectiveness Analysis Procedure.**
- b. **Triage process--discuss for posting.**

Item 23a--Guy Zito discussed the intent, and the methods detailed in the CEAP. FERC, and NERC are interested in the development of this document. The NPCC Staff will generate reports from the data received. The comments that Michael Lombardi submitted were acknowledged. Si-Truc Phan commented that he was concerned that would use the CEAP as a vehicle for going against a Standard. The CEAP is not intended to be an analytical tool, just a means for organizing data. Tina Teng asked how an Entity can provide cost data in Phase 1 (Cost Benefit Analysis stage) when only a RSAR exists. Suggested not to ask about cost. It was felt that some entities might not be comfortable answering Question 3--“What approximate one-time and ongoing estimated potential costs would be associated with compliance with the proposed Standard?” It was reiterated that all submitted information will be held in strictest confidence. Guy Zito proposed approving the document as proposed considering comments that Maureen Long had sent in to use as a pilot. Sylvain Clermont made a motion to approve the CEAP, seconded by Greg Campoli. The CEAP will be used for Regional Standards. David Kiguel remarked that the NPCC Board of Directors’ position is that cost must be taken into consideration when considering reliability. The CEAP will be piloted on the Underfrequency Load Shedding Regional Standard. All were in favor of approving the CEAP.

Item 23b--The Triage Process was brought up for approval. It was noted that it relies heavily on the RSC Executive Committee. Guy Zito reported that he hasn’t received further comments. Michael Lombardi made a motion to approve the RSC Triage Process as written. Mike Garton seconded the motion. All were in favor.

**24. 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.

No updated information was available for the meeting.

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

- a. **Directory Development and Revision Manual--for RSC approval.**

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 existing Directory criteria into NERC style requirements. TFCO has assigned CO-8 to review the TO requirements within the Directory #1 criteria. TFCP/CP-11 is ready to post the document for its initial Open Process posting upon conclusion of the TFCO/CO-8 review. Open Process posting expected in mid December, 2011.
#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.
#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 25a--Guy Zito, Gerry Dunbar, and Michael Lombardi worked on developing the Directory Development and Revision Manual. Gerry Dunbar reported that the Task Forces jurisdictional questions, and a need for rules. The RSC was to vote to approve the document, and then have it presented to the RCC for information. David Kiguel commented that NERC is flooded with requests for interpretations, and “Am I compliant?” questions. The process to verify a request for an interpretation is legitimate (refer to the Interpretation: Response to Request for an Interpretation of Directory XX for the XXXX Corporation) section of the Manual. This appears to be the intent of the Manual. Words should be added to the second paragraph of Section 5 to address David Kiguel’s concerns. Greg Campoli suggested publishing a list containing informational data. The RSC would be responsible for this. A motion was made by Michael Lombardi to approve the Directory Development and Revision Manual contingent upon incorporating David Kiguel’s suggestion, and develop a separate spreadsheet. It was seconded by Mike Garton. All were in favor.

Gerry Dunbar discussed the status of the Directories.

**26. 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>
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1.	<a href="#">MOD-024-RFC-01.1 (Generator Verification - Real Power) Modified Violation Severity Levels (VSLs)</a>	15 Days Prior to Category Ballot	8/10/11	8/24/11
2.	<a href="#">MOD-024-RFC-01.1 (Generator Verification - Real Power) Modified Violation Severity Levels (VSLs)</a>	15 Day Category Ballot	8/25/11	9/8/11
3.	<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](#)

	<b><u>Standard Under Development</u></b>	<b><u>Status</u></b>	<b><u>Start Date</u></b>	<b><u>End Date</u></b>
1.	PRC-006-MRO-01 - Underfrequency Load Shedding Requirements (see e. below)	Posted for second 30 day comment period	5/19/10	6/17/10
2.				

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

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

- a. Report on NERC, NAESB and Regional Activities
  - 1. August, 2011.
  - 2. September, 2011.

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

- a.

From the May 18-19, 2011 RSC Meeting--The Regions are discussing how to report misoperations. NPCC uses the CDAA. If there is no access to the CDAA then E-mail



can be used to report. An Action Item will be created to put questions together regarding misoperations.

Guy Zito raised the question of who should develop RSAWs. It was suggested that the Drafting Team do it, but they most likely are not familiar with compliance issues.

Ron Falsetti inquired about the criteria for categorizing events. Do Regions develop their own criteria? Ralph Rufrano said no, but Ron believed they did. Ron Falsetti and Ralph will discuss outside the meeting.

Additional information from Ben Eng (NPCC) (refer to the sample letter in the Meeting Materials)--

- The notes are correct in that misoperations are currently being emailed to me (and copied to Henry) for the short term. The long term goal is to modify CDAA so that the reminders and capture mechanism are automated.
- RSAWs already exist for PRC-004. The requirements are that analysis, corrective action plans and implementation must be done by the entity to prevent recurrence. The RSAW/Standard is not prescriptive in describing how, or to what degree, analysis should be done, and the correct actions to resolve the misoperation. Nor should it, since protective relaying is an “art”
- The criteria for the categories were established by the SPCS in the NERC Misoperation Reporting Template, and do not conflict with the NERC Glossary. A NERC webinar on Misoperation Reporting was conducted and an extensive list of Questions and Answers was developed into a document. The references and guidance for Misoperation Reporting are posted on NPCC’s public website “Documents; Compliance; CDAA”:  
<https://www.npcc.org/Compliance/CDAA/Forms/Public%20List.aspx>
- The process is in place to capture misoperation reports. Improvements to the process are planned.
- Initial notification for 3<sup>rd</sup> Quarter Misoperation Reports sent about 3 weeks prior to the due date.
- Follow up reminder sent the week before the due date
- The notification contained the link to the pertinent materials on the new NPCC Website
- SP-7 has been compiling and reviewing the misoperations and formalizing reports to NERC as scheduled.
- Ensuring that all reportable misoperations that happen in NPCC’s footprint has been the biggest challenge.

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

- a. Filings and rulings regarding the NERC and NPCC applications for approval of Reliability Standards and Criteria in Nova Scotia.
- b. FERC, NERC joint inquiry into Sept. 8, 2011 Southwest power outage.
  1. Blackout news.
- c. Balloting, voting process (WECC).

- d. NERC Webinars.
  - 1. Critical Cyber Asset Identification: An Overview of a Process, Sept. 1, 2011.
  - 2. [Project 2008-06 Cyber Security Order 706 – Draft Version 5 \(CIP-002-CIP-011\), August 24, 2011.](#)
  - 3. FAC Recommendation Update, September 22, 2011.
- e. NERC’s New Enforcement Initiative.
- f. NERC Webinars.
  - 1. Sept. 2, 2011 CANs Process
  - 2. [Sept. 9, 2011 Registration and Certification JRO-CFR Webinar](#)
  - 3. Sept. 15, 2011 Project 2007-17 Protection System Maintenance and Testing Webinar.
- g. NERC News.
  - 1. August, 2011.
  - 2. September, 2011.
- h. [NERC Lessons Learned--August 10, 2011, October 20, 2011.](#)
  - 1. Backup Control Center Operation and Training
  - 2. Special Protection Systems Maintenance Precautions
  - 3. Protection Relaying – Out of date prints
  - 4. Transmission Relaying – Voltage Transformer Failure
  - 5. Transmission Relaying – Removing Unused Components
  - 6. Plant Instrument and Sensing Equipment Freezing Due to Heat Trace and Insulation Failures
  - 7. Plant Fuel Switching and Cold Weather
- i. [FERC, NERC Report on Outages And Curtailments During the Southwest Cold Weather Event Of February 1-5, 2011.](#)
- j. Southwest Power Pool Compliance Update (contains standards information).
- k. IESO Market Rules.
- l. NERC standard prioritization.
- m. [Standards effective dates in Ontario.](#)
- n. NERC--[ERO Best Practices.](#)
- o. NERC--[Modifications to Mandatory Effective Dates Web page for US Reliability Standards.](#)
- p. SERC postings.
  - 1. The SERC Underfrequency Load Shedding (UFLS) Regional Standard (PRC-006-SERC-01) was posted for a 15-day review period.
  - 2. SERC Regional Standard Development Procedure.
- q. FERC Open Meeting Schedule.
- r. NERC--[The Key Reliability Standard Spot Check \(KRSSC\) Program.](#)
- s. [RSC Work Plan for 2012 -2013.](#)
- t. CIPC Meeting--September 14-15, 2011 Meeting--notes.
- u. NERC--Report Assessing Risk to Reliability Performance of Bulk Power System.
- v. [NERC Event Analysis Process.](#)

- w. RSC Meeting schedule for 2012.
  1. NPCC Board of Directors proposed meeting dates.
  2. RCC Meeting dates.
- x. NERC News.
  1. September, 2011.
- y. SPP Compliance Update. Lists standards information.
- z. RCC June 1, 2011 Meeting--Minutes.
- aa. NERC--Electric Reliability Organization Compliance Analysis Report--Reliability Standard TOP-002 Normal Operations Planning, October, 2011.
- bb. NERC Whitepaper on Regional Standards and Variances. Sent to RSG for their comments. Comments due October 28, 2011.
- cc. [The Reliability Standard Audit Worksheets \(RSAW\)](#).
- dd. New Brunswick Energy Blueprint.
- ee. NERC 2012 Actively Monitored List of Reliability Standards and 2012 ERO CMEP Implementation Plan.
- ff. WECC Newsletter--September/October 2011.
- gg. [Regional Reliability Standards Announcement Comment Period Open for VAR-001-2 WECC Variance October 20 – December 5, 2011](#).
- hh. NERC--Conference Calls and Meeting Agendas.
  1. Standards Oversight and Technology Committee Meeting--Nov. 2, 2011.
  2. Compliance Committee Meeting--Nov. 2, 2011.
  3. Member Representatives Committee Meeting--Nov. 2, 2011.
  4. NERC Board of Trustees Meeting--Nov. 3, 2011.

Item 29s--The Work Plan 2012-2013 has been sent out several times to the RSC for comments. Guy Zito inquired if there were any additional revisions necessary. He wants to present it to the NPCC Board of Directors. The ninth bullet on page 1 was intended to mean RSC support. David Kiguel suggested that bullet 9 on page 1 be made to read "Monitor and coordinate NERC's CEO top reliability related issues and priorities". A motion was made by Michael Lombardi to approve the Work Plan. It was seconded by Sylvain Clermont. All voted in favor. The Work Plan 2012-2013 will now be presented to the NPCC Board of Directors.

Item 29w--Proposed RSC Meeting dates for 2012:

February 22-23, 2012--NPCC Offices

May 2-3, 2012--Dominion Offices

July 18-19, 2012--New England location

September 5-6, 2012--Montreal

October 17-18, 2012--Toronto

December, 2012 Meeting to coincide with the NPCC General Meeting

David Kiguel suggested that a Webex be used for future RSC Meetings. Guy Zito responded that it can be tried. It is preferable to have face to face meetings, and the option of a Webex should discourage in person attendance. It was agreed to have a Webex in Toronto.

**RSC 2011 Meeting Dates**

Dec. 1-2, 2011--Joint Meeting with the CC Dec. 2, 2011 Toronto, Ontario
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**2011 RSC Conference Call Schedule**  
(call 719-785-1707, Guest Code 8287#)

Nov. 10, 2011 (Thursday)
Dec. 16, 2011
Dec. 30, 2011

**BOD 2011/2012 Meeting Dates**

October 26, 2011 Teleconference
November 30, 2011 Toronto
January 31, 2012
February 1, 2012
March 13, 2012 (BES Special Teleconference)
May 1, 2012 (Teleconference)
June 26, 2012
August 7, 2012 (Teleconference)
September 19, 2012
October 30, 2012 (Teleconference)
November 28, 2012

**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	Nov. 16, Dec. 13-15
TFSS	
TFCP	Nov. 2
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
32 (To be deleted)	16b	To discuss with Herbert Schrayshuen how HQ, because of its unique operational requirements, will be addressed in standards development	Guy Zito--member of Standards Committee Process Subcommittee	RSC Meeting	Ongoing as of 2/10/10. Sylvain Clermont, and David Kiguel working with Guy Zito. Herbert Schrayshuen replaced Gerry Adamski at NERC. The new NERC management team will have to be made familiar with this item.
August 20-21, 2008					
Feb. 17-18, 2009					
June 17-18, 2009					
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.
Sept. 24-25, 2009					

Action Item Number	Agenda Item Number	Description	Owner	Due	Status
Nov. 4-5, 2009					
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.
August 18-19, 2010					
66	----	Status of Memorandum of Understanding	Sylvain Clermont	RSC Meeting	Provide update. (MOU in Meeting Materials Package)



Action Item Number	Agenda Item Number	Description	Owner	Due	Status
Nov. 30, 2010,					
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					
76 (To be deleted)	18a	Handling of definitions	Guy Zito	RSC Meeting	To discuss with Pete Heidrich
October 26-27, 2011					
77	22d	If a term only defined in one document, should it be included in the NPCC Glossary?	Guy Zito/Gerry Dunbar	RSC Meeting	Ongoing.

Action Item 32--will be deleted. Hydro-Quebec has interconnection status.

Action Item 60--Lee Pedowicz contacted Brian Evans-Mongeon about discussing the progress of Project 2010-17 - Bulk Electric System.

Action Item 63--Guy Zito won't be at the December, 2011 Compliance Committee Workshop. It is important that Compliance Committee members are aware of what's going on with Standards. Gerry Dunbar and Lee Pedowicz will give a classroom session on Regional Standards. Guy Zito mentioned that it will be helpful to know what standards are coming, and what's on the prioritized list for standards development. David Kiguel discussed CIP versions 4 and 5. There will possibly be no version 4.

David Kiguel will put together an agenda for the joint RSC/CC Meeting Dec. 2, 2011. David Kiguel also reported that the Compliance staff is writing papers focusing on a new definition of BES.

Action Item 65--Saurabh Saksena checked with Carol Sedewitz regarding updates to the NPCC members on NERC Drafting Teams listing. There have been no changes over the past two months. Saurabh Saksena will look into the "holes" in the listing.

Action Item 66--ongoing.

Action Item 69--Guy Zito to present the RSC Scope to the NPCC Board of Directors.

Action Item 71--Topic for the December, 2011 RSC/CC Meeting.

Action Item 73--ongoing.

Action Item 75--nothing additional to report.

Action Item 76--a process is in place, approved by FERC. This item will be deleted.

Meeting adjourned at 16:30.

Meeting adjourned at 11:50.