



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

**NPCC Regional Standards Committee**  
**Minutes**  
**Meeting # 12-3**

May 2, 2012 10:00 a.m. - 5:00 p.m.  
May 3, 2012 8:00 a.m. - 3:00 p.m.

Niagara Power Project  
New York Power Authority  
5777 Lewiston Road  
Lewiston, New York 14092

Dress Business Casual

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

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

**Note:** [Glossary of Terms Used in NERC Reliability Standards](#) dated February 8, 2012, and the [NPCC Glossary of Terms](#) dated October 26, 2011 included in the Meeting Materials.

**Items in red from the May 2, 2012 session.**  
**Items in green from the May 3, 2012 session.**

**Guy Zito called the meeting to order at 10:00 a.m.**  
**Guy Zito called the meeting to order at 8:32 a.m.**

Attendees introduced themselves.

	<b><u>Name</u></b>	<b><u>Organization</u></b>	<b><u>Sector</u></b>
1.	Guy Zito	Northeast Power Coordinating Council	
2.	Lee Pedowicz	Northeast Power Coordinating Council	
3.	Bruce Metruck	New York Power Authority	6
4.	Ben Wu	Orange and Rockland Utilities	1
5.	Don Weaver	New Brunswick System Operator	2
6.	David Kiguel	Hydro One Networks Inc.	1
7.	Michael Lombardi	Northeast Utilities	1
8.	Greg Campoli	New York Independent System Operator	2
9.	Gerry Dunbar	Northeast Power Coordinating Council	
10.	Chris de Graffenried	Consolidated Edison Co. of New York, Inc.	1
11.	Mack Argentieri	New York Power Authority (guest)	
12.	Brian Robinson	Utility Services	5
13.	Si Truc Phan	Hydro-Quebec TransEnergie	2
14.	Joel Charlebois	AESI (guest)	
15.	Diane Barney	State of New York Public Service Commission Department of Public Service	6
16.	Howard Gugel	NERC (guest)	

**On the Phone**

	<b><u>Name</u></b>	<b><u>Organization</u></b>	<b><u>Sector</u></b>
1.	Wayne Sipperly	New York Power Authority	4
2.	Mike Garton	Dominion Resources Services, Inc.	4
3.	Kal Ayoub (guest)	FERC	5/2/12 only
4.	Michael Jones	National Grid	3
5.	Helen Lainis (for Tina Teng)	IESO	5/2/12 only
6.	John Pearson	ISO - New England	5/2/12 only--for Item 7eComment (ALR) discussion
7.	John Lim	Consolidated Edison Co. of New York, Inc.	5/3/12 only--for Item 7a Comment discussion
8.	Nicholas Occhionero (guest)	State of New York Public Service Commission	5/3/12

		Department of Public Service	
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Mack Argentieri (NYPA) identified the emergency exits and procedures for the meeting facility. Guy Zito thanked Mr. Argentieri for leading the tour of the power plant yesterday. The tour was exceptional in its thoroughness and information presented.

Lee Pedowicz read the NPCC Antitrust Guidelines.

Guy Zito reminded the attendees that the Meeting, its materials, and discussions are open and available to the public.

**1. Antitrust Guidelines, Agenda, Introductions, Roster**

- a. Nominations for RSC co-Vice Chairs, RSC Executive Committee at large members.
- b. Silvia Parada Mitchell from NextEra replacing Chantel Haswell. For National Grid Michael Jones will be replacing Saurabh Saksena.

Item 1a--Guy Zito asked Greg Campoli, Michael Lombardi and Mike Garton to leave the meeting for the discussions on their nominations for the positions of Vice-chair, and Executive Committee. Discussion ensued on the candidates. A motion was made by Guy Zito to approve Michael Lombardi for the Vice-chair position. David Kiguel nominated Michael Lombardi, and Chris de Graffenried seconded. A vote was taken, and Michael Lombardi was approved to be a Vice-chair.

Guy Zito remarked that there are opportunities for the RSC Vice-chair to encourage participation. Additional responsibilities will be written into the RSC Scope for the position.

Bruce Metruck nominated Greg Campoli for the second Vice-chair opening. It was seconded by David Kiguel. A vote was taken, and Greg Campoli was approved to be a Vice-chair.

David Kiguel indicated that he wanted to be considered for the position of Canadian Representative on the Executive Committee. Diane Barney nominated both David Kiguel and Mike Garton for the position, seconded by Don Weaver. Both were approved.

Item 1b--From the May 1, 2012 NPCC Board of Directors teleconference meeting, Guy Zito reported that Michael Jones was appointed to the RSC replacing Saurabh Saksena. Silvia Parada Mitchell was also appointed replacing Chantel Haswell.

**2. RSC March, 2012 Meeting Minutes (in Meeting Materials Package)**

- a. March, 2012 Meeting minutes for approval. Scott Nied's Joint RSC/CC Meeting Minutes for information.

Guy Zito opened discussion of the March, 2012 RSC Meeting Minutes. Michael Lombardi made a motion to approve as read. Greg Campoli seconded the motion. With one abstention, all the members voted to approve the Minutes as written.

**3. Action Item List** (expanded table in Appendix B, supporting materials in Meeting Materials Package)

Action Item Number	Description	Owner	Due	Status
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. Joint RSC/CC Meeting this meeting.

Greg Campoli reported that Gerry Dunbar coordinate with TFSP on Directories 4 and 7. There will be a face to face meeting May 8, 2012. David Kiguel will attend. Regarding Directories 4 and 7, Guy Zito commented that their contents are difficult to write into requirements that are auditable. There was a suggestion to write requirements that would be more readily auditable. David Kiguel commented that the contents of the existing requirements are valuable, and every effort should be made to retain that information. The May 8, 2012 Meeting will not include the entire TFSP, just select members.

- a. NPCC Members on NERC Drafting Teams. Need caretaker for the document.

The NPCC Members on NERC Drafting Teams needs a new “owner”. Michael Jones volunteered to take it over. Greg Campoli made a suggestion that the company affiliations of the Drafting Team members be listed, and that the list needs to be “cleaned up” for the next (July) RSC Meeting. Mike Jones will update the list, and will circulate to the RSC for its comments before the July RSC Meeting.

**4. Items Requiring RSC Approval**

There were no items requiring RSC approval.

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

- a. Review entries.

Michael Lombardi lead the discussion. Guy Zito reported that NERC’s Andy Dressel gave him assurances that PRC-006-NPCC-01 will be filed with FERC by May 7, 2012.

Howard Gugel reported on the CIP ballot results that were posted May 1, 2012. Guy Zito suggested that line items be added for data requests, etc. Michael Lombardi will revise appropriately.

## 6. FERC

<u>NOPRs</u>					
<u>Item</u>	<u>NOPR</u>	<u>Docket No.</u>	<u>Posted</u>	<u>End Date</u>	<u>When Effective</u>
6N-1	Transmission Planning Reliability Standards-- FERC Proposes to Remand TPL-001-2	RM12-1-000	4/19/12		

<u>Petitions</u>			
<u>Item</u>	<u>Docket No.</u>	<u>Posted</u>	<u>Title</u>
6P-1	RM06-16-000	3/16/12	Petition of the North American Electric Reliability Corporation For Approval of Proposed Reliability Standards, <i>North American Electric Reliability Corporation</i> , FERC Docket No. RM06-16-000-- Correction of Cascading outages errata.
6P-2	RM12-4-000	4/24/12	Petition of the North American Electric Reliability Corporation for Approval of Proposed Reliability Standard FAC-003-2— Transmission Vegetation Management, <i>North American Electric Reliability Corporation</i> , FERC Docket No. RM12-4-000--Errata filing.
6P-3	RD12-1-000	4/27/12	Errata to Petition of NERC for Approval of Proposed Texas Reliability Entity Regional Reliability Standard IRO-006-TRE-1 — IROL and SOL Mitigation in the ERCOT Interconnection, <i>North American Electric Reliability Corporation</i> , FERC Docket No. RD12-1-000

<b><u>Final Rule</u></b>			
<b><u>Item</u></b>	<b><u>Docket No.</u></b>	<b><u>Posted</u></b>	<b><u>Summary</u></b>
6F-1	RM11-16-000 - Order No. 759	3/15/12	FERC approved PRC-023-2 (Transmission Relay Loadability) submitted by NERC. PRC-023-2 requires transmission owners, generation owners, and distribution providers to set load-responsive phase protective relays according to specific criteria to ensure that the relays reliably detect, and protect the electric network from fault conditions, but do not limit transmission loadability or interfere with system operators' ability to protect system reliability.
6F-2	RM11-18-000	4/19/12	FERC remands proposed TPL-002-0b, submitted by NERC. The proposed TPL-002-b includes a provision that allows for planned load shed in a single contingency provided that the plan is documented and alternatives are considered and vetted in an open and transparent process. FERC finds that this provision is vague, unenforceable, and not responsive to previous Commission directives on this matter. NERC to utilize its Expedited Reliability Standards Development Process to develop timely modifications to TPL-002-0b, Table 1 footnote 'b' in response to the remand..

6F-3	RM11-11-000 - Order No. 761	4/19/12	FERC approves modified CIP Standards, CIP-002-4 through CIP-009-4. The Version 4 CIP Reliability Standards include “bright line” criteria for the identification of Critical Assets, which replace the risk-based assessment methodology developed and applied by applicable entities under the Version 3 CIP Reliability Standards. Version 4 includes other conforming modifications to the remaining CIP Reliability Standards, CIP-003-4 through CIP-009-4. FERC approves NERC’s filing, as amended by its errata filing, with regard to the related VRFs, the VSLs with modifications, the implementation plan, and effective date proposed by NERC. FERC also approves the concurrent retirement of the currently effective Version 3 CIP Reliability Standards, CIP-002-3 to CIP-009-3.
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<b><u>Other</u></b>			
<b><u>Item</u></b>	<b><u>Docket No.</u></b>	<b><u>Posted</u></b>	<b><u>Summary</u></b>
6O-1	RC11-6-000, RC12-1-000, RC12-2-000, RC12-6-000, RC12-7-000, RC12-8-000	3/15/12	Order Accepting With Conditions the Electric Reliability Organization’s Petition Requesting Approval Of New Enforcement Mechanisms And Requiring Compliance Filing. FERC accepted with limited conditions NERC’s proposal to make informational filings in a “Find, Fix, Track and Report” (FFT) spreadsheet

			format of lesser-risk, remediated possible violations of Reliability Standards.
6O-2	RM10-6-000	3/15/12	Informational Filing Of The North American Electric Reliability Corporation In Response To Order No. 754. Submitted for informational purposes in compliance with Paragraph 20 of Order No. 754, a report on the reliability issues concerning system protection associated with the Commission-approved interpretation of Requirement R1.3.10 of Reliability Standard TPL-002-0.
6O-3	RM96-1-037	3/23/12	Comments Of The North American Electric Reliability Corporation In Response To Notice Of Proposed Rulemaking On Standards For Business Practices For Interstate Natural Gas Pipelines. NERC urges FERC to clarify in its final order that pipelines must notify both Balancing Authorities <i>and</i> Reliability Coordinators of operational flow orders and other critical notices.
6O-4	RR12-	3/30/12	NERC Standards Report, Status and Timetable for Addressing Regulatory Directives.
6O-5	AD12-12-000	3/30/12	Comments Of The North American Electric Reliability Corporation on the Coordination Between Natural Gas and Electricity Markets.
6O-6	RM06-16-010	3/30/12	Motion For An Extension Of Time Of The North American Electric Reliability Corporation. Additional time is needed to properly implement FERC directives in Order No. 693 with respect to BAL-003.
6O-7	RC-11-5-000	4/19/12	Order Denying Appeal of Electric Reliability Organization



			Compliance Registry Determination. In this order, FERC denied the appeal of the City of Holland, Michigan Board of Public Works of a registry decision by NERC. FERC agreed with NERC that Holland is properly included in the NERC Compliance Registry as a transmission owner (TO) and transmission operator (TOP), based on findings that Holland is not entitled to an exemption from the definition of bulk electric system as a radial facility, and that Holland has not otherwise demonstrated that its system is not material to the reliability of the interconnected transmission system.
6O-8	IC12-11-000 (for information)	4/23/12	FERC is soliciting public comment on the currently approved information collection, FERC-725, Certification of ERO; Procedures for Electric Reliability Standards. Comments on the collection of information are due June 22, 2012.
6O-9	RM12-4-000	4/23/12	FERC is posting and inviting comment upon a report prepared by the Pacific Northwest National Laboratory on the "Applicability of the 'Gallet Equation' to the Vegetation Clearances of NERC Reliability Standard FAC-003-2". Comments due May 23, 2012.
6O-10	RR06-1-015	4/30/12	NERC's submission of its Analysis of NERC Standards Process Results for the Fourth Quarter 2011 ("Ballot Results Filing"). This filing is submitted in response to the FERC January

			18, 2007 Order, requiring NERC to closely monitor and report to FERC the voting results for NERC Reliability Standards each quarter for an initial three year period, later extended an additional three years. The Ballot Results Filing addresses ballot results during the January 1, 2012 to March 31, 2012 time frame and includes NERC's analysis of the voting results, including trends and patterns of stakeholder approval of NERC Reliability Standards.
6O-11	AD12-13-000	4/30/12	<a href="#"><u>Statement of FERC Commissioner Philip D. Moeller on Solar Disturbances to Earth's Geomagnetic Field.</u></a>

Item 6N-1--Guy Zito commented that loss of load is the issue. The Notice is states that FERC might remand back to NERC.

Item 6P-1--Guy Zito reported that it was issued for clarification.

Item 6P-2--Guy Zito reported that errata correction was made and filed.

Item 6P-3--Guy Zito reported on the errata.

Item 6F-1--Guy Zito described the content of the posting.

Item 6F-2--Guy Zito reported that FERC is not happy with the proposed load shedding provision. Diane Barney raised the question that maybe NERC is seeking a rehearing? Gerry Dunbar asked about how to have a rehearing. Diane Barney commented that FERC has the option of accepting or denying a request for a rehearing.

Guy Zito reported that there are plans for the CEAP to be brought to high level FERC management for discussion and review. David Kiguel reported that the CEAP was well received at the NERC SC.

Item 6F-3--Guy Zito reported that April, 2014 will be the mandatory enforcement date. David Kiguel commented that even with the April 1, 2014 "auditable" date, some activities to move into compliance will have to start earlier. The CIP Standards are on the agenda for the Compliance Workshop to be held later this month. David Kiguel commented that there is concern over how long Version 4 will be in effect before Version 5 takes effect, because items might have to be completed in Version 4 that will be unnecessary to satisfy Version 5. Guy Zito asked how Version 5 builds on Version 4. Anything in Version 4 not needed in Version 5? Michael Lombardi commented that

there is industry confusion over the dates--effective, enforcement, etc. Guy Zito remarked that entities just want to know what they have to do, and when they have to do it.

Item 6O-1--Guy Zito remarked that particular attention has to be paid to Paragraph 81 because it may have a significant impact. Guy Zito will be attending a NERC Meeting the third week in May that will be going over the Order. Compliance persons will also be attending. Guy Zito requested that any thoughts regarding the Order be sent to him prior to the Meeting. Michael Lombardi brought up and lead a discussion on the mitigation and remediation issue in Paragraph 14. FERC is aware that Paragraph 81 could reduce the number of standards.

Item 6O-2--Guy Zito reported that data request will be an integral part of the Standard.

Item 6O-3--This item for information.

Item 6O-4--Guy Zito commented that the numbers of Directives are decreasing.

Item 6O-5--This item for information.

Item 6O-6--Ongoing effort, more time needed.

Item 6O-7--Guy Zito remarked that this could have an impact on the BES definition. It gives an indication of how FERC views radial lines, etc. May give an indication of how local networks will be treated.

Item 6O-8--Guy Zito reported that no action is required.

Item 6O-9--Chris de Graffenried reported that the Gallet equation is applicable to line design clearances.

Item 6O-10--This item for information.

Item 6O-11--This item for information.

- a. FERC Meeting Summaries.
  1. March, 2012.
  2. April 19, 2012 Open Meeting Agenda, Meeting Summaries.

Item 6a.1--For information.

Item 6a.2--For information.

## **7. Posted Projects (in Meeting Materials Package)**

Concluded Ballots--See Appendix C

Comment Forms Submitted--See Appendix D

- a. Voting position codification.

b. Project 2007-12 Frequency Response Technical Conferences--May 22 and 24, 2012.

Item 7a--Guy Zito lead the discussion. If there is a division within the RSC, information is to be given to Ed Schwerdt to make a decision in his capacity as President and CEO. It will be included in RSC documentation.

Item 7b--Both conferences listed will cover the same information. Howard Gugel mentioned that there is information on the Meetings on the NERC Website.

	<b><u>Project and Supporting Materials</u></b>	<b><u>Current and Pending Ballots</u></b>		<b><u>Join Ballot Pools</u></b>	<b><u>Posted for Comment</u></b>	
a.	<a href="#">Project 2008-06 - Cyber Security Order 706 Version 5 CIP</a>  <a href="#">CIP-002-5 - Redline</a> <a href="#">CIP-003-5 - Redline</a> <a href="#">CIP-004-5 - Redline</a> <a href="#">CIP-005-5 - Redline</a> <a href="#">CIP-006-5 - Redline</a> <a href="#">CIP-007-5 - Redline</a> <a href="#">CIP-008-5 - Redline</a> <a href="#">CIP-009-5 - Redline</a> <a href="#">CIP-010-1 - Redline</a> <a href="#">CIP-011-1 - Redline</a>  <a href="#">Implementation Plan - Redline</a>  <a href="#">Definitions - Redline</a>  <a href="#">Mapping Document - Redline</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 - Redline</a>  <a href="#">Announcement</a>	<a href="#">Successive Ballots</a>			Comment Forms (click title below for Word version) <a href="#">Comment Form A</a> <a href="#">Comment Form B</a> <a href="#">Comment Form C</a> <a href="#">Comment Form D</a>	
		5/11/12	5/21/12		4/12/12	5/21/12

	<b><u>Project and Supporting Materials</u></b>	<b><u>Current and Pending Ballots</u></b>		<b><u>Join Ballot Pools</u></b>		<b><u>Posted for Comment</u></b>	
	<a href="#">CIP Standard Version 5 8-24-11 Webinar Slides</a>  <a href="#">CIP Standard Version 5 4-10-12 Webinar Slides</a>						
b.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface</a>  FAC-003-X <a href="#">Redline to Last Posted</a> <a href="#">Redline to Last Approved</a>  <a href="#">Implementation Plan Redline to Last Posted</a>  FAC-003-3 <a href="#">Redline to Last Posted</a> <a href="#">Redline to Last Approved</a>  <a href="#">Implementation Plan Redline to Last Posted</a>  <a href="#">Consideration of Comment Report (FAC-003-3, FAC-003-X)</a>  PRC-005-1.1b <a href="#">Redline to Last Posted</a>  <a href="#">Implementation Plan Redline to Last Posted</a>  <a href="#">Consideration of Comment Report (PRC-005-1.1b)</a>  <a href="#">Technical Justification Document Redline</a>  <a href="#">Announcement</a>						
		4/24/12	5/3/12				
c.	<a href="#">Request for Interpretation - Project 2012-INT-02 TPL-003-0a and TPL-004-0 for</a>					4/24/12	5/4/12

	<b><u>Project and Supporting Materials</u></b>	<b><u>Current and Pending Ballots</u></b>		<b><u>Join Ballot Pools</u></b>	<b><u>Posted for Comment</u></b>	
	<p><a href="#">SPCS</a></p> <p>Informal comments to be sent to  <a href="mailto:scott.barfield@nerc.net">scott.barfield@nerc.net</a>,  <a href="mailto:hohlbaughdg@firstenergycorp.com">hohlbaughdg@firstenergycorp.com</a></p>					
d.	<p><a href="#">Project 2009-01 - Disturbance and Sabotage Reporting</a></p> <p><a href="#">EOP-004-2 Redline to Last Posted</a></p> <p><a href="#">Implementation Plan</a></p> <p><a href="#">Mapping Document</a></p> <p><a href="#">Consideration of Issues and Directions</a></p> <p><a href="#">VRF/VSL Justification</a></p> <p><a href="#">Proposed NERC RoP Section 812</a></p> <p><a href="#">CIP-001-2a</a></p> <p><a href="#">CIP-008-3</a></p> <p><a href="#">EOP-004-1 Announcement</a></p>	<a href="#">Successive Ballot and Non-binding Poll</a>			<a href="#">Submit Comments (Word version-- ctrl+click here)</a>	
		5/15/12	5/24/12		4/25/12	5/24/12
e.	<p><a href="#">Adequate Level of Reliability Revised Definition and Associated Documents</a></p> <p><a href="#">Definition: Adequate Level of Reliability for the Bulk Electric System</a></p> <p><a href="#">Technical Report Supporting Definition of Adequate Level of Reliability</a></p> <p><a href="#">Discussion Paper - Risk Tolerance for Widespread BES Outages</a></p> <p><a href="#">Mapping of Adequate Level of</a></p>				<a href="#">Submit Comments (Word version-- ctrl+click here)</a>	
					4/25/12	6/25/12

	<u>Project and Supporting Materials</u>	<u>Current and Pending Ballots</u>		<u>Join Ballot Pools</u>	<u>Posted for Comment</u>	
	<a href="#">Reliability for BES Announcement</a>					
f.	<a href="#">Project 2007-03 - Real-time Transmission Operations</a> TOP-001-2 - <a href="#">Redline to Last Posting</a> TOP-002-3 - <a href="#">Redline to Last Posting</a> TOP-003-2 - <a href="#">Redline to Last Posting</a> Implementation Plan - <a href="#">Clean</a> PRC-001-2 - <a href="#">Redline to Last Approved</a> <a href="#">Issues Database</a> VRF and VSL Assignment Documentation - <a href="#">Redline to Last Posting</a> PER-001-0.1 <a href="#">TOP-001-1</a> <a href="#">TOP-002-2a</a> <a href="#">TOP-003-1</a> <a href="#">TOP-004-2</a> <a href="#">TOP-005-2</a> <a href="#">TOP-006-2</a> <a href="#">TOP-007-0</a> <a href="#">TOP-008-1</a> Mapping Document - <a href="#">Redline to Last Posting</a>	<a href="#">Recirculation Ballots</a> 4/27/12    5/6/12				

For the items in the preceding Comment Table:

Item 7a--Guy Zito discussed, and said that Con Edison's John Lim of the Drafting Team will call in to the Meeting May 3 to discuss. David Kiguel reported that is being reviewed, and there is nothing definitive yet. Howard Gugel said that each Standard will be balloted separately. Guy Zito expressed the hope that the RSC will be able to support

with the changes incorporated. Michael Lombardi, referring to CIP-004-5, questioned the use of role based training. He wants to stay with general training rather than role based. Referring to Requirement R7 addresses a 24 hour period to revoke access. As per FERC Order 706, Paragraph 463, transitional employees need privileges if transferred and still being required to handle duties of their previous positions. "Reassignment" and "transfer" key the need for a date. Needs clarification. Chris de Graffenried indicated that Con Edison will approve all the ballots. John Lim called in. Guy Zito asked how the approval of Version 4 will filter into Version 5. John Lim considers Version 5 to be a substantial improvement over Version 4. Review is still going on by TFIST. They hoped to resolve differences over their recommendations in the afternoon. The first filing of Version 5 to be done by the end of the first quarter 2013. There is a chance that Version 4 might be skipped. John Lim did not see a problem if Version 4 has to be dealt with before Version 5. There may have to be another 30 day posting. Guy Zito commented that if Version 4 is implemented before Version 5, black start and cranking path entities may have to make what will ultimately be unnecessary expenditures before Version 5 becomes effective. David Kiguel remarked that because it is unknown what will happen with Version 5, Version 4 will have to be complied with. The issue is that Version 4 will be enforceable April 1, 2014. Work has to begin before that date to achieve compliance. Worried about spending money needlessly. The ESP (electronic security perimeter) has been reinstated because of comments received. Guy Zito mentioned that this will be a topic at the upcoming Standards and Compliance Workshop. There will be a presentation, and classroom sessions. These are opinions, not basis for compliance.

Item 7c--The comments that Pedro Rebellon provided will be submitted.

Item 7d--Feelings from entities outside NPCC have been expressed that the ERO, and RE shouldn't be in the Applicability Section. Guy Zito expressed agreement with that position. The assembled reviewed EOP-004-2, and Ralph Rufrano's comments. Lee Pedowicz is to put together a Comment Form using Ralph Rufrano's comments. Guy Zito asked the RSC to let him know their ballot positions by May 11, 2012.

Item 7e--Guy Zito started the discussion by saying that a standard is meant to achieve an adequate level of reliability. Diane Barney did not feel that items 4 and 5 in the document should not be included, and footnote 1 of the document should be looked at. Diane Barney will send comments. Mike Garton felt that the document goes beyond creating a definition. John Pearson (ISO-NE) joined the discussion via the telephone conference. Following refers to the Definition: Adequate Level of Reliability for the Bulk Electric System document.

- Items 2 and 3--What is meant by the use of the word "satisfied"?
- Item 3--"Normal operating conditions" should not be part of the definition because normal means that an adequate level of reliability is already being achieved. Normal voltages are maintained during normal operating conditions.
- Item 4--Insert "reliability" before "demands."
- Item 5--Insert "reliability" before "demands". Remove "obligations", and insert "system" before "load".
- Item 6--Discussed.



- Item 7--The use of “restores supply to load” introduces cranking paths into any BES definition.

The RSC was asked to provide comments to Lee Pedowicz by the end of May.

Item 7f--Recirculation ballot.

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

a.				
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Item 8--No nominations open.

**9. NERC (in Meeting Materials Package)**

- a. Operating Committee Meeting--Standards related topics.
  1. March 6-7, 2012 meeting.
- b. NERC Board of Trustees.
  1. March 14, 2012 conference call.
  2. [May 8-9, 2012 Meeting](#).
    - a. Report on Status of Regional Standards Development Programs.
- c. Member Representatives Committee.
  1. [May 8-9, 2012 Meeting](#). Report on Status of Regional Standards Development Programs.
  2. May 1, 2012 Webinar--Member Representatives Committee Informational Session Conference Call and Webinar. [Agenda and Background Materials](#).
  3. Standards Process Input Group (SPIG)--improve reliability standards development process.
- d. RSG.
  1. March 12, 2012 Meeting notes.
  2. Charter, proposed charter, comparison document.
  3. [April 12, 2012 Meeting](#).
- e. Standards Committee.
  1. April 11-12, 2012 Meeting.
    - a. The SC reviewed the BES Phase2 SAR and Project Schedule. The SC accepted the Phase 2 SAR for development and approved the Project Schedule.
  2. Special Election Segment 5--only members of Segment 5 of the Registered Ballot Body, or their proxies, are eligible to vote. Ballot closes May 7, 2012.
- f. System Analysis and Modeling Subcommittee Meeting April 17-18, 2012.
- g. Other
  1. [2012 Standards and Compliance Workshops](#):  
October 23-25, 2012--Westin Buckhead in Atlanta, Georgia
  2. Standards Development Project Candidates. Comments sought.
  3. [Actively Monitored List Update](#).
    - a. [April 5, 2012](#).
  4. NERC Related Matters.
    - a. April 10, 2012--Of interest, Item 2 therein--NERC Standards Report, Status and Timetable for Addressing Regulatory Directives (RR09-6).

5. [FAC Alert Recommendation Update Webinar--March 20, 2012. Participant Question and Answers.](#)
6. [Standards Oversight and Technology Committee Meeting--May 8, 2012.](#)
- h. System Protection and Control Subcommittee--April 24-26, 2012 Meeting. (Addressed Item 7cComments above [Request for Interpretation - Project 2012-INT-02 TPL-003-0a and TPL-004-0 for SPCS]).

Item 9a--Guy Zito discussed Item 2 on page 1 of the NERC Operating Committee Meeting Notes from March 6 and 7, 2012. Regarding the CIP Version 5 Standards, Howard Gugel mentioned that if black start resources are left medium, generators would take them off black start. He believes that black start and cranking paths were changed from medium to low. Some facilities that affected by the designation were built before computer controls, and don't use them.

Item 9b--Guy Zito discussed. For Item 9b2 in particular, Guy Zito said the MRC's Standards Process Input Group was a good concept in that it would bring in technical expertise to the process. Also for Item 9b2, David Kiguel contributed to the discussion.

Item 9c2--Guy Zito discussed. The Drafting Team wants to complete the BES work in 18 months.

Item 9d--Guy Zito discussed.

Item 9e--David Kiguel remarked that Guy Zito presented the CEAP. It is to be posted to the industry for a 60 day comment period.

Addressed ANSI requirements regarding ballots, what to do with negative ballots with comments, and what to do with negative ballots without comments. Some entities don't have the resources to submit comments. Should they be included as a submitter with the others? Should "No" votes without comments be counted? Guy Zito asked how do you encourage someone who wants to submit a "No" vote to give comments. Diane Barney suggested having an E-mail sent automatically to a person voting "No". Howard Gugel said that that opportunity already exists when casting a ballot. David Kiguel discussed options for fixing BAL-002-0 R4. If there is a reliability related problem that needs fixing, fix it in the most expeditious manner. Participants are being looked for from NPCC to work on how to address cold weather problems.

Item 9e2--For information.

Item 9f--Addressing the definition of SPS. The RSC will follow. Will affect Directory #7, and may necessitate a regional standard for SPS approvals.

Item 9g1--There is a conflict with the October, 2012 RSC Meeting. Because of RSC members wanting to attend the NERC Workshop, Guy Zito said that he and Lee Pedowicz will look at the possibilities of rescheduling the RSC Meeting, or cancelling it. It was noted that there is a RSC Meeting scheduled for Nov. 29-30, 2012.

Item 9g2--Standards Project Prioritization. There will be a posting in August for prioritizations, and comments. The current posting is for advance notice. There were no RSC comments on this posting, which were due May 11, 2012.

Item 9g3--For information.

Items 9g4 through 9h--Discussed.

**10. NERC Compliance Application Notices (CANs) For Industry Review (in Meeting Materials Package)**

CANs Reviews Completed--See Appendix E

- a. CAN-0008 PRC-005-1 Requirement R2--High-Level Review request. High-Level Review process began on February 24, 2012.
  1. [Trade Groups High-Level Review Request of CAN-0008](#)
  2. [NERC CEO High-Level Review Response](#)
  3. [Remanded CAN-0008 PRC-005 R2 Basis for First Maintenance and Testing Date](#)
- b. CAN Prioritization.
- c. CAN Process (redline). Comments/suggestions can be submitted any time.
- d. Should the RSC be reviewing RSAWs?  
Item 10a1--Discussed. Concerns had been addressed by NERC.

Item 10b--Guy Zito discussed.

Item 10c--Mike Jones said that after NERC is satisfied with a CAN they expose it to the industry.

Item 10d--Guy Zito remarked that NERC will start posting RSAWs for comments. Michael Lombardi said that Northeast Utilities agrees with National Grid's (Mike Jones) comments on the RSAWs. Greg Campoli said that the same position is held by the ISOs. This has been discussed with Gerry Cauley. The desire is to get away from check box type audits, and move towards a controls type of audit. Auditors will need to be trained. It was asked when will this go into effect? An auditor gets material before he gets onsite, then addresses any issues. Is this addressing internal controls? Guy Zito remarked that what is going on with the RSAWs will have to be watched. Howard Gugel said than a RSAW will be issued when a standard is posted for comments. David Kiguel said that Mike Moon had said that RSAWs shouldn't address internal controls. Will an entity be held accountable for not meeting internal controls? Guy Zito questioned how thorough, or how deep should an audit go. Internal control to be part of culture and compliance. Mike Jones discussed the RSAWs presentation slides. Control questions should not be in RSAWs. The RSC

Scope is to be changed to reflect how RSC will consider RSAWs. Proposal that the RSC will review RSAWs. Not all RSAWs will have to be reviewed. Comments will only be submitted if something is wrong. How to manage? Preliminary screening by a smaller group, then send out if necessary.

	<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)	<b><u>Industry Comments Received</u></b> (ctrl+click)
1.					

	<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)	<b><u>Industry Comment Redline</u></b> (ctrl+click)
1.	<a href="#"><u>CAN-0019 CIP-007 R3.2 Implementation of Software Security Patches or Upgrades</u></a> --Comments due 6/4/12 on Comment Form and send to cancomments@nerc.net				
2.	<a href="#"><u>CAN-0023 CIP-005 R3 CIP-006 R6 Logging System Failures</u></a> --Comments due 6/4/12 on Comment Form and send to cancomments@nerc.net				
3.	<a href="#"><u>CAN-0034 EOP-002 R1 IRO-001 R2 and TOP-001 R1 Use of Authority Letters</u></a> --Comments due 5/7/12				
4.	<a href="#"><u>CAN-0038 PER-002 R4 Training Hours</u></a> --Comments due 5/7/12				

Item 10 Table 2-3 (CAN-0034)--National Grid's comments were discussed. National Grid's comments will be used for the NPCC comment submission. Howard Gugel suggested that restriction shouldn't be to a specific list to show compliance.

Item 10 Table 2-4 (CAN-0038)--National Grid's comments were discussed. CANs are the wrong mechanism for defining time. Guy Zito commented that auditors need to be given guidance so they can be consistent in their performance of audits. Greg Campoli commented that he thought the CAN worked, but this issue would have been better addressed through an interpretation. Mike Jones' comments are addressing the process. The RSC agreed. This is a process issue, and should not be dealt with in a CAN.

**11. NERC Standards Bulletins (link is to the current bulletin; in Meeting Materials Package)**

- a. NERC Standards Bulletin--March 12-18, 2012.
- b. NERC Standards Bulletin--March 19-25, 2012.
- c. NERC Standards Bulletin--March 26 - April 1, 2012.
- d. NERC Standards Bulletin--April 2-8, 2012.
- e. NERC Standards Bulletin--April 9-15, 2012.
- f. NERC Standards Bulletin--April 16-22, 2012.
- g. NERC Standards Bulletin--April 23-29, 2012.
- h. NERC Standards Bulletin--April 30 - May 6, 2012.

Item 11--For information.

**12. NPCC Regional Standards, and Related Items (in Meeting Materials Package)**

- a. Regional Reliability Standards Development Procedure.
- b. PRC-006-NPCC-1 - Automatic Underfrequency Load Shedding--anticipated second quarter FERC filing.
- c. NPCC RSC Triage Process for Standards Related Matters.

Item 12a--Will be posted.

Item 12b--To be filed with FERC on or before May 7, 2012. When filed with FERC, it is also filed with Ontario.

Guy Zito--Lead a discussion of what happens with regional standards after NERC Board of Trustee approval. Regional or NERC standards will be found on the NERC Website. The effective date has to be done by NERC. NERC owns the filing and effective dates, and the display of those dates. For regional standards, if there is errata, a redline is to be made and then sent to Howard Gugel for him to handle.

Item 12c--Guy Zito lead the discussion. Wants to change the approach on how to solicit comments from members. Need to conduct a screening review of standards being posted for comment. Then develop a list of questions or issues to be addressed. RSC needs to take a more active role. Focus on issues, take an ownership role, have Webinars. Information will then be compiled and entered on a Comment Form. For the screening,

set up small groups to review. Who should review, and what resources are required must be identified. What can then be done to focus and move forward. A proposal was made to send the comment postings to the RCC Chair. Another proposal was to invite Task Forces to a conference call to discuss comment postings. A draft would then be put together and sent out. Guy Zito will put together a proposal for RSC consideration.

### **13. NPCC Directory and Regional Work Plan Status**

- a. Directory #6 Reserve Sharing Groups was posted for ballot March 14, 2012, approved April 6, 2012.
- b. TFCP conference call April 17, 2012--Directory #1.
- c. Directory Work Plan for Phase 2 Reformatting.

Item 13--Gerry Dunbar reported that on May 8, 2012 representatives from the RSC, CC, and TFSP will meet to discuss Directories #4, and #7 to get them moved into Phase 2. Directory #1 requires coordination between TFCP, and TFCO. There is concern that they are looking at different versions. TFCO is meeting on May 17, 2012. The Directory is not ready for posting. Hope to have it posted in 1-2 months. Directory #5 to be posted in 2-3 weeks.

### **14. New York Adoption of More Stringent/Specific NPCC Criteria**

Item 14--In process is the development of a table listing the more stringent criteria.

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

- a. Monthly NERC, NAESB Regional Entity Update--March, 2012.
- b. Monthly NERC, NAESB Regional Entity Update--April, 2012.

Item 15--For information.

### **16. Other**

- a. 2012 NERC Corporate Performance Measures.
- b. NPCC's Regional Entity Ballot Process on NERC Standards.
- c. Standard Driven Index (SDI) presentation for the March 14-15, 2012 CCC Meeting.
- d. NERC Grid Exercise Increases Cybersecurity Readiness; Identifies Enhancements to Improve Security.
- e. NERC News.
  1. [March, 2012](#).
  2. [April, 2012](#).
- f. GMDTF Update.
- g. TFCO Meeting Minutes--January 17-18, 2012.
- h. [MRO Standards Process Manual posted for ballot April 13, 2012 through April 23, 2012](#).
- i. [New York Energy Highway Initiative](#).

- j. NPCC Board of Directors teleconference May 1, 2012.
- k. Regional Approval Timelines.
- l. The Midwest Reliability Organization move.
- m. NERC cold weather study participants sought.
- n. RCC April 30, 2012 teleconference Agenda and Materials. Modification of the Bruce Type I Special Protection System, and NPCC Reliability Assessment for Summer 2012.
- o. NERC Draft 2013 Business Plan and Budget--Webinar May 3, 2012 10:00 a.m.

Item 16a--Guy Zito discussed.

Item 16b--Guy Zito discussed.

Item 16c--Diane Barney asked how the information is being gathered. Will a regional problem be diluted continent wide? Greg Campoli discussed. Is reliability improving?

Item 16d--For information.

Items 16e through 16j--For information.

Item 16k--Guy Zito discussed. Representatives from the Provinces to review. Gerry Dunbar will send out for comments.

Item 16l--For information.

Item 16m--For information. Bruce Metruck to send Guy Zito information.

Items 16n, 16o--For information.

Members reported that there is no confirmation sent when they register for a meeting on the NPCC Website.

Frantz Roc to check the RSCmembers distribution list is a subset of the RSC list.

Diane Barney made a motion to adjourn the meeting.  
Michael Lombardi seconded the motion.

## 17. Meetings

### RSC 2012 Meeting Dates

July 18-19, 2012 <u>Day Pitney Offices</u> Boston, Massachusetts	September 5-6, 2012 Hydro-Quebec Offices, Montreal
October 24-25, 2012 Toronto	November 29-30, 2012--Montreal (NPCC General Meeting)

### 2012 RSC Conference Call Schedule (call 719-785-1707, Guest Code 8287#)

May 18, 2012	August 3, 2012	October 12, 2012
June 1, 2012	August 17, 2012	November 9, 2012
June 15, 2012	August 31, 2012	December 14, 2012
June 29, 2012	September 14, 2012	December 28, 2012
July 13, 2012	September 28, 2012	

### BOD 2012 Meeting Dates

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--2012

RCC	June 13, Sept. 12, Nov. 27
CC	5/16 (Conference Call), 6/7-8 (NU, Berlin, Conn.), 7/17 (Conference Call), 8/15 (Conference Call), 9/13-14 (NPCC Offices, NYC), 10/17 (Conference Call), 11/29-30 (Montreal, Joint with RSC)
TFSS	
TFCP	May 9, August 15, Nov. 7
TFCO	May 16, August 30, October 17, November 29
TFIST	
TFSP	May 15-16, July 17-19, September 18-19, November 13-14



Item 17--Refer to the notes for Item 9g1.

The November, 2012 RSC Meeting will be held at the Hotel Omni Mont-Royal.

Meeting adjourned May 2, 2012 3:56 p.m.

Meeting adjourned May 3, 2012 at 12:34 p.m.

Respectfully Submitted,

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

## Appendix A

### **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.

**Appendix B (Item 3)**

**Action Item List**

Date	Action Item Number	Description	Owner	Due	Status
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. Joint RSC/CC Meeting this meeting.

**Appendix C (Item 8)**

**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 <hr/> 72% Support	Yes 10/28/10

<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
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%	----

<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
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%	-----

<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
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: 88.05% Approval: 85.53%	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	11/17/11	Quorum: 91.2% Approval: 95.05%	Yes 11/8/11
ff.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface-- FAC-001-1</a>	Initial Ballot	11/9/11	11/18/11	Quorum: 88.22% Approval: 86.94%	Yes 11/10/11
gg.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface-- FAC-003-3</a>	Initial Ballot	11/9/11	11/18/11	Quorum: 85.08% Approval: 85.71%	Yes 11/10/11
hh.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface-- FAC-003-X</a>	Initial Ballot	11/9/11	11/18/11	Quorum: 84.82% Approval: 85.31%	Yes 11/10/11

<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
ii.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface-- PRC-004-2.1</a>	Initial Ballot	11/9/11	11/18/11	Quorum: 84.29% Approval: 96.09%	Yes 11/10/11
jj.	<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
kk.	<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%	Yes 10/3/11
kk1.	<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
ll.	<a href="#">Project 2007-12 - Frequency Response</a>	<a href="#">Initial Ballot and Non-Binding Poll</a>	11/30/11	12/9/11	Quorum: 93.92% Approval: 30.82%	No 12/5/11
mm.	<a href="#">Project 2009-01 - Disturbance and Sabotage Reporting - CIP-001 and EOP-004</a>	<a href="#">Initial Ballot and Non-Binding Poll</a>	12/2/11	12/12/11	Quorum: 87.97% Approval: 36.21%	No 12/5/11
nn.	<a href="#">Project 2008-06 - Cyber Security - Order 706 - CIP-002 through CIP-009 (Version 5 CIP Standards</a>	<a href="#">Initial Ballots Please Vote for each of the 10 CIP Standards Separately</a>	12/16/11	1/6/11	See Table below	No 12/16/11

For Item nn above--

<a href="#"><u>CIP-002-5 Cyber Security — BES Cyber System Identification</u></a>	Quorum: 93.62% Approval: 22.09%
<a href="#"><u>CIP-003-5 Cyber Security — Security Management Controls</u></a>	Quorum: 93.62% Approval: 33.49%
<a href="#"><u>CIP-004-5 Cyber Security — Personnel and Training</u></a>	Quorum: 93.62% Approval: 26.82%
<a href="#"><u>CIP-005-5 Cyber Security — Electronic Security Perimeter(s)</u></a>	Quorum: 93.62% Approval: 28.04%
<a href="#"><u>CIP-006-5 Cyber Security — Physical Security</u></a>	Quorum: 93.61% Approval: 29.60%
<a href="#"><u>CIP-007-5 Cyber Security — Systems Security Management</u></a>	Quorum: 93.61% Approval: 24.15%
<a href="#"><u>CIP-008-5 Cyber Security — Incident Reporting and Response Planning</u></a>	Quorum: 94.02% Approval: 34.30%
<a href="#"><u>CIP-009-5 Cyber Security — Recovery Plans for BES Cyber Assets and Systems</u></a>	Quorum: 93.61% Approval: 27.28%
<a href="#"><u>CIP-010-1 Cyber Security — Configuration Change Management</u></a>	Quorum: 93.61% Approval: 26.61%
<a href="#"><u>CIP-011-1 Cyber Security — Information Protection</u></a>	Quorum: 93.61% Approval: 29.88%
<a href="#"><u>CIP V5 Implementation Plan</u></a>	Quorum: 92.15% Approval: 42.06%
<a href="#"><u>CIP V5 Definitions</u></a>	Quorum: 92.56% Approval: 25.34%



<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>
oo.	<a href="#">Project 2011-INT-01 - Interpretation of MOD-028 for Florida Power &amp; Light Company</a>	Recirculation Ballot	12/12/11	12/22/11	Quorum: 90.10% Approval: 92.49%	Yes 11/8/11
pp.	<a href="#">Project 2009-22 - Interpretation of COM-002-2 R2 by the IRC</a>	Recirculation Ballot	12/14/11	12/23/11	Quorum: 92.00% Approval: 94.58%	Yes 11/8/11
qq.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface--PRC-004-2.1</a>  FAC-001-1  FAC-003-3  FAC-003-X  PRC-004-2.1a	Recirculation Ballot	12/14/11	12/23/11	Quorum: 88.48% Approval: 90.10%  Quorum: 87.17% Approval: 85.38%  Quorum: 86.91% Approval: 85.03%  Quorum: 86.65% Approval: 96.43%	Yes 11/10/11

rr.	Project 2007-03 - Real-time Transmission Operations - TOP-001-2, TOP-002-3 and TOP-003-2  TOP-001-2  TOP-002-3  TOP-003-2	Successive Ballots	1/3/12	1/12/12	Quorum: 82.04% Approval: 59.93%  Quorum: 82.04% Approval: 77.08%  Quorum: 82.04% Approval: 78.95%	1/9/12 TOP-001-2--No TOP-002-3--Yes TOP-003-2--Yes
ss.	<a href="#">Project 2008-10 - Interpretation of CIP-006-x R1 for Progress Energy</a>	Recirculation Ballot	12/9/11	12/19/11	Quorum: 88.02% Approval: 96.04%	Yes 11/14/11
tt.	Project 2007-03 - Real-time Transmission Operations - TOP-001-2, TOP-002-3 and TOP-003-2  TOP-001-2  TOP-002-3  TOP-003-2	Non-Binding Polls	1/9/12	1/18/12 Extended to 1/19/12	Quorum: 81.50% Approval: 67.61%  Quorum: 76.41% Approval: 71.42%  Quorum: 81.50% Approval: 70.28%	-----
uu.	<a href="#">Project 2006-06 - Reliability Coordination - COM-001, COM-002 and IRO-001-3</a>	Successive Ballots and Non-Binding Polls	1/30/12	2/8/12 Changed to 2/9/12	Quorum: Approval:	2/7/12 COM-001-02--No COM-002-3--Yes IRO-001-3--Yes
vv.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface--PRC-004-2.1</a>	<a href="#">Non-Binding Poll</a>	1/4/12	1/13/12	Quorum: 78.27% Approval: 93.00%	-----

ww.	<a href="#">Project 2009-26 - Interpretation of CIP-004-1 by WECC</a>	Successive Ballot	3/14/12	3/23/12	<a href="#">Quorum: 88.55%</a> <a href="#">Approval: 79.61%</a>	Yes 3/16/12	
xx.	<a href="#">Interpretation 2010-INT-05 - Interpretation of CIP-002-1 R3 for Duke Energy</a>	Initial Ballot	3/14/12	3/23/12	<a href="#">Quorum: 89.63%</a> <a href="#">Approval: 94.71%</a>	Yes 3/16/12	
yy.	<a href="#">Project 2011-INT-02 - Interpretation of VAR-002 for Constellation</a>	Initial Ballot	3/14/12	3/23/12	<a href="#">Quorum: 86.92%</a> <a href="#">Approval: 63.09%</a>	Yes 3/16/12	
zz.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface - FAC-003-X, FAC-003-3</a>	Successive Ballots	3/30/12	4/9/12		Yes 4/5/12	
	FAC-003-3						<a href="#">Quorum: 80.37%</a> <a href="#">Approval: 85.18%</a>
	FAC-003-X						<a href="#">Quorum: 80.10%</a> <a href="#">Approval: 85.01%</a>
aaa.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface - PRC-005-1.1a</a>	Initial Ballot	4/6/12	4/16/12	<a href="#">Quorum: 88.95%</a> <a href="#">Approval: 92.41%</a>	Yes 4/16/12	
bbb.	<a href="#">Project 2007-03 - Real-time Transmission Operations - TOP-001 through TOP-008 and PER-001</a>	Successive Ballots	4/11/12	4/20/12	<a href="#">Quorum:</a> <a href="#">Approval:</a>		
ccc.	<a href="#">Project 2007-17 Protection System Maintenance and Testing - PRC-005</a>	Successive Ballot	3/19/12	3/28/12	<a href="#">Quorum:</a> <a href="#">Approval:</a>	Yes 3/19/12	

ddd.	Project 2007-09 Generator Verification - MOD-026-1 and PRC-024-1		Successive Ballot	3/19/12	3/29/12	Yes 3/19/12
	MOD-026-1	Quorum: 80.82% Approval: 61.25%				
	PRC-024-1	Quorum: 79.75% Approval: 40.99%				
eee.	Project 2007-09 Generator Verification - MOD-025-2, MOD-027-1, and PRC-019-1  Announcement			4/6/12	4/16/12	Yes 4/16/12
		Initial Ballot	Non-binding Poll Results			
	MOD-025-2	Quorum: 88.28% Approval: 41.09%	Quorum: 86.82% Supportive Opinions: 43.72%			
	MOD-027-1	Quorum: 88.04% Approval: 36.84%	Quorum: 86.04% Supportive Opinions: 38.56%			
	PRC-019-1	Quorum: 88.04% Approval: 48.70%	Quorum: 86.53% Supportive Opinions: 46.38%			

fff.	Project 2007-03 - Real-time Transmission Operations		Successive Ballots	4/11/12	4/20/12	TOP-001 Abstain 4/19/12  TOP-002 Yes 4/19/12  TOP-003 Yes 4/19/12
	TOP-001-2	Quorum: 78.28% Approval: 75.65%				
	TOP-002-3	Quorum: 78.02% Approval: 87.22%				
	TOP-003-2	Quorum: 78.28% Approval: 80.11%				
ggg.					Quorum: Approval:	
hhh.					Quorum: Approval:	

**Appendix D (Item 8)**

**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.	Project 2010-17 - Definition of Bulk Electric System - Initial Ballot of Definition of BES	Comment Form	8/26/11	10/10/11
mm.	Proposed Changes to NERC Rules of Procedure and All Appendices	Sent Comments to cancomments@nerc.net No Comments Submitted	9/2/11	10/17/11
nn.	NERC 2012-2014 Reliability Standards Development Plan	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.	<a href="#">Project 2010-17 - Bulk Electric System (BES) Definition - Rules of procedure Modifications to Support BES Exception Requests</a>	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>	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 <a href="mailto:cancomments@nerc.net">cancomments@nerc.net</a>	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 <a href="mailto:cancomments@nerc.net">cancomments@nerc.net</a>	10/10/11	10/31/11
yy.	<a href="#">CAN-0011--PRC-005-1 R2: New Equipment</a>	Sent Comment Form to <a href="mailto:cancomments@nerc.net">cancomments@nerc.net</a>	10/10/11	10/31/11
zz.	<a href="#">CAN-0012--Completion of Periodic Activity Requirements During Implementation Plan</a>	Sent Comment Form to <a href="mailto:cancomments@nerc.net">cancomments@nerc.net</a>	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 <a href="mailto:cancomments@nerc.net">cancomments@nerc.net</a>	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 <a href="mailto:cancomments@nerc.net">cancomments@nerc.net</a>	10/10/11	10/31/11
eee.	<a href="#">CAN-0026--TOP-006 R3 Protection Relays</a>	Sent Comment Form to <a href="mailto:cancomments@nerc.net">cancomments@nerc.net</a>	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-Chambers	10/17/11	11/18/11 (originally 11/15/11)
hhh.	<a href="#">CAN-000040 - 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
jjj.	<a href="#">Draft CAN-0027: TOP-003 R2 Coordination of Scheduled Outages</a>	No Comments	11/22/11	12/14/11
kkk1.	<a href="#">Project 2008-06 - Cyber Security - Order 706 - CIP-002-5 through CIP-009-5, CIP-010-1, and CIP-011-1 (Version 5 CIP Standards)</a>	Comment Form	11/7/11	1/6/12
lll.	<a href="#">Project 2007-03 - Real-time Transmission Operations - TOP-001-2, TOP-002-3 and TOP-003-2</a>	Comment Form	12/14/11	1/12/12
mmm.	<a href="#">Proposed Changes to the NERC Rules of Procedure and Associated Appendices</a>	No Comments	11/7/11	12/22/11
nnn.	<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>	No Comments	11/22/11	12/22/11
ooo.	<a href="#">Regional Reliability Standard PRC-006-NPCC-1 — Automatic Underfrequency Load Shedding (NPCC Website Link)</a>	No Comments	11/22/11	12/22/11
ppp.	<a href="#">Order 754 - Request for Data or Information</a>	Comment Form	12/22/11	2/6/11
qqq.	<a href="#">Project 2010-17 - Definition of Bulk Electric System (Phase 2)</a>	Comment Form	1/4/12	2/3/12
rrr.	<a href="#">Project 2006-06 - Reliability Coordination - COM-001, COM-002 and IRO-001-3</a>	Comment Form	1/9/12	2/8/12 Date Changed to: 2/9/12
sss.	<a href="#">Regional Reliability Standard BAL-004-WECC-02 - Automatic Time Error Correction</a>	No Comments	1/23/12	3/9/12

ttt.	<a href="#">Regional Reliability Standard BAL-001-0.1a - Real Power Balancing Control Performance - WECC Variance</a>	No Comments	1/23/12	3/9/12
uuu.	<a href="#">Project 2009-26 - Interpretation of CIP-004-1 by WECC</a>	<a href="#">Comment Form</a>	2/8/12	3/23/12
vvv.	<a href="#">Interpretation 2010-INT-05 - Interpretation of CIP-002-1 R3 for Duke Energy</a>	<a href="#">Comment Form</a>	2/8/12	3/23/12
www.	<a href="#">Project 2011-INT-02 - Interpretation of VAR-002 for Constellation</a>	<a href="#">Comment Form</a>	2/8/12	3/23/12
xxx.	<a href="#">NERC Functional Model Demand Response Functions and Entities</a>	No Comments	2/13/12	3/14/12
yyy.	<a href="#">Project 2007-17 Protection System Maintenance and Testing - PRC-005</a>	<a href="#">Comment Form</a>	2/28/12	3/28/12
zzz.	<a href="#">Project 2007-09 Generator Verification - MOD-026-1 and PRC-024-1</a>	<a href="#">Comment Form</a>	2/29/12	3/29/12
aaaa.	<a href="#">Project 2007-09 Generator Verification - MOD-025-2, MOD-027-1, and PRC-019-1</a>	<a href="#">Comment Form</a>	2/29/12	4/16/12
bbbb.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface - FAC-003-X, FAC-003-3</a>	<a href="#">Comment Form</a>	3/9/12	4/9/12
cccc.	<a href="#">Project 2010-07 - Generator Requirements at the Transmission Interface - PRC-005-1.1a</a>	<a href="#">Comment Form</a>	3/2/12	4/16/12
dddd.	<a href="#">Project 2007-03 - Real-time Transmission Operations</a>	Comment Form	3/22/12	4/20/12

**Appendix E (Item 11)**

**NERC Compliance Application Notices (CANs) For Industry Review**

	<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)	<b><u>Industry Comments Received</u></b> (ctrl+click)
1.	<a href="#"><u>CAN-0006: EOP-005 R7 Verification of Restoration Procedure (Revised)</u></a>	<a href="#"><u>AA1</u></a>	<a href="#"><u>BB1</u></a>	<a href="#"><u>CC1</u></a>	
2.	<a href="#"><u>CAN-0009: FAC-008 and FAC-009 Facility Rating and Design Specifications (Revised)</u></a>	<a href="#"><u>DD1</u></a>	<a href="#"><u>EE1</u></a>	<a href="#"><u>FF1</u></a>	
3.	<a href="#"><u>CAN-0017: CIP-007 R5 Technical and Procedural System Access and Password Controls</u></a>	<a href="#"><u>GG1</u></a>	<a href="#"><u>HH1</u></a>	<a href="#"><u>II1</u></a>	
4.	<a href="#"><u>CAN-0018: FAC-008 R1.2.1 Terminal Equipment (Revised)</u></a>	<a href="#"><u>JJ1</u></a>	<a href="#"><u>KK1</u></a>	<a href="#"><u>LL1</u></a>	
5.	<a href="#"><u>CAN-0008: PRC-005 R2 Basis for First Maintenance and Testing Date (Revised)</u></a>	<a href="#"><u>MM1</u></a>	<a href="#"><u>NN1</u></a>	<a href="#"><u>OO1</u></a>	
6.	<a href="#"><u>CAN-0010: Implementation of Annual in Reliability Standard Requirements (Revised)</u></a>	<a href="#"><u>PP1</u></a>	<a href="#"><u>QQ1</u></a>	<a href="#"><u>RR1</u></a>	
7.	<a href="#"><u>CAN-0011: PRC-005 R2 Interval Start Date for New Equipment (Revised)</u></a>	<a href="#"><u>SS1</u></a>	<a href="#"><u>TT1</u></a>	<a href="#"><u>UU1</u></a>	
8.	<a href="#"><u>CAN-0012: Completion of Periodic Activity Requirements During Implementation Plan (Revised)</u></a>	<a href="#"><u>VV1</u></a>	<a href="#"><u>WW1</u></a>	<a href="#"><u>XX1</u></a>	

	<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)	<b><u>Industry Comments Received</u></b> (ctrl+click)
9.	<a href="#"><u>CAN-0013: PRC-023 R1 And R2 Effective Dates for Switch-On- To-Fault Schemes (Revised)</u></a>	<a href="#"><u>YY1</u></a>	<a href="#"><u>ZZ1</u></a>	<a href="#"><u>AAA1</u></a>	
10.	<a href="#"><u>CAN-0028: TOP-006 R1.2 Reporting Responsibilities (Revised)</u></a>	<a href="#"><u>BBB1</u></a>	<a href="#"><u>CCC1</u></a>	<a href="#"><u>DDD1</u></a>	
11.	<a href="#"><u>CAN-0005: CIP-002 R3 Critical Cyber Asset Designation for System Operator Laptops (Revised)</u></a>	<a href="#"><u>EEE1</u></a>	<a href="#"><u>FFF1</u></a>	<a href="#"><u>GGG1</u></a>	
12.	<a href="#"><u>CAN-0007: CIP-004 R4.2 Revocation of Access to Critical Cyber Assets (Revised)</u></a>	<a href="#"><u>HHH1</u></a>	<a href="#"><u>III1</u></a>	<a href="#"><u>JJJ1</u></a>	
13.	<a href="#"><u>CAN-0015: Unavailability of NERC Software Tools (Revised)</u></a>  It was determined that the SDT Project 2009-02: Real-Time Reliability Monitoring and Analysis Capabilities that was mentioned in CAN-0015 does not cover the material in this CAN; thus, that reference was removed.	<a href="#"><u>KKK1</u></a>	<a href="#"><u>LLL1</u></a>	<a href="#"><u>MMM1</u></a>	
14.	<a href="#"><u>CAN-0022: VAR-002 R1 and R3: Generator AVR Operation in Alternative Mode (Revised)</u></a>	<a href="#"><u>NNN1</u></a>	<a href="#"><u>OOO1</u></a>	<a href="#"><u>PPP1</u></a>	

	<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)	<b><u>Industry Comments Received</u></b> (ctrl+click)
15.	<a href="#"><u>CAN-0026: TOP-006 R3 Protective Relays (Revised)</u></a>	<a href="#"><u>QQQ1</u></a>	<a href="#"><u>RRR1</u></a>	<a href="#"><u>SSS1</u></a>	
16.	<a href="#"><u>CAN-0029: PRC-004 R1 – R3 Protection System Misoperations</u></a>	<a href="#"><u>TTT1</u></a>	<a href="#"><u>UUU1</u></a>	<a href="#"><u>VVV1</u></a>	
17.	<a href="#"><u>CAN-0030: Attestations</u></a> (See Item 4 in Table 2 following)	<a href="#"><u>WWW1</u></a>	<a href="#"><u>XXX1</u></a>	<a href="#"><u>YYY1</u></a>	
18.	<a href="#"><u>CAN-0031: CIP-006 R1 Acceptable Opening Dimensions</u></a>	<a href="#"><u>ZZZ1</u></a>	<a href="#"><u>AAAA1</u></a>	<a href="#"><u>BBBB1</u></a>	
19.	<a href="#"><u>CAN-0039: EOP-004 R3 Filing DOE Form OE-417 Event Reports</u></a>	<a href="#"><u>CCCC1</u></a>	<a href="#"><u>DDDD1</u></a>	<a href="#"><u>EEEE1</u></a>	
20.	<a href="#"><u>CAN-0020: TPL-002, TPL-003, TPL-004 and TOP-002 Equipment Outages</u></a>	<a href="#"><u>FFFF1</u></a>	<a href="#"><u>GGGG1</u></a>	<a href="#"><u>HHHH1</u></a>	
21.	<a href="#"><u>CAN-0024: CIP-002 R3 Routable Protocols and Data Diode Devices</u></a>	<a href="#"><u>IIII1</u></a>	<a href="#"><u>JJJJ1</u></a>	<a href="#"><u>KKKK1</u></a>	
22.	<a href="#"><u>CAN-0027: TOP-003 R2 Coordination of Scheduled Outages</u></a>	<a href="#"><u>LLLL1</u></a>	<a href="#"><u>MMMM1</u></a>	<a href="#"><u>NNNN1</u></a>	<a href="#"><u>OOOO1</u></a>
23.	<a href="#"><u>CAN-0040: BAL-003 Calculating Frequency Bias</u></a>			<a href="#"><u>PPPP1</u></a>	
24.	<a href="#"><u>CAN-0043: PRC-005 Protection System Maintenance and Testing Evidence</u></a>			<a href="#"><u>QQQQ1</u></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)	<b><u>Industry Comment Redline</u></b> (ctrl+click)
1.	<a href="#"><u>DRAFT CAN-0029: PRC-004 R1, R2 and R3 Protection System Misoperations</u></a>	<a href="#"><u>AA2</u></a>	<a href="#"><u>BB2</u></a>		
2.	<a href="#"><u>DRAFT CAN-0039: EOP-004-1 Filing DOE Form OE-417 Event Reports</u></a>	<a href="#"><u>CC2</u></a>	<a href="#"><u>DD2</u></a>		
3.	<a href="#"><u>DRAFT CAN-0031: CIP-006 R1 Acceptable Opening Dimensions</u></a>	<a href="#"><u>EE2</u></a>	<a href="#"><u>FF2</u></a>		
4.	<a href="#"><u>DRAFT CAN-0030: Attestations</u></a>	<a href="#"><u>GG2</u></a>	<a href="#"><u>HH2</u></a>	<a href="#"><u>II2</u></a>	
5.	<a href="#"><u>DRAFT CAN-0024: CIP-002 R3 Routable Protocols and Data Diode Devices</u></a>	<a href="#"><u>JJ2</u></a>	<a href="#"><u>KK2</u></a>	<a href="#"><u>LL2</u></a>	<a href="#"><u>LL22</u></a>
6.	<a href="#"><u>DRAFT CAN-0040: BAL-003 R2 and R5 Frequency Bias Calculation</u></a>	<a href="#"><u>MM2</u></a>	<a href="#"><u>NN2</u></a>	<a href="#"><u>OO2</u></a>	
7.	<a href="#"><u>DRAFT CAN-0043: PRC-005 Protection System Maintenance and Testing Evidence</u></a>	<a href="#"><u>PP2</u></a>	<a href="#"><u>QQ2</u></a>	<a href="#"><u>RR2</u></a>	