



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

**NPCC Regional Standards Committee**  
**Agenda**  
**Meeting # 12-5**

Sept. 5, 2012 10:00 a.m. - 5:00 p.m.  
Sept. 6, 2012 8:00 a.m. - 3:00 p.m.

Marriott Springhill Suites Old Montreal  
445 St-Jean Baptiste St,  
Montreal, Qc Canada H2Y 2Z7  
Tel: 514-875-4331

Dress Business Casual

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

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

**Note:** For reference. [Glossary of Terms Used in NERC Reliability Standards](#) dated May 25, 2012, and the [NPCC Glossary of Terms](#) dated Oct. 26, 2011 included in the Meeting Materials.

- 1. Introductions. Antitrust Guidelines, Agenda, Roster**
  - a. Attendee introductions.
  - b. RSC Roster changes.
  - c. Read Antitrust Guidelines.
  - d. Review of Agenda--inclusions, deletions.
- 2. Review of Previous RSC Meeting Minutes (in Meeting Materials Package)**
  - a. Approval of Minutes of previous RSC Meeting.

**3. Action and Ongoing Items List** (in Meeting Materials Package)

Description	Owner	Due	Status
Coordination with the Compliance Committee to develop Joint Activity Action List	Greg Campoli	RSC Meeting	Outgrowth of RSC/CC joint session April 21, 2010.
New York Adoption of More Stringent/Specific NPCC Criteria	Diane Barney	RSC Meeting	Ongoing

- a. NPCC Members on NERC Drafting Teams.
- b. Review Executive Tracking Summary.

**4. Items Requiring RSC Approval**

- a.

**5. FERC**

- a. Issuances below.

<u>Item</u>	<u>NOPR, Petition, Final Rule, Other</u>	<u>Docket No.</u>	<u>Title</u>	<u>Posted</u>
5.1	<b>Comments</b>	RM12-1-000	Comments of the North American Electric Reliability Corporation In Response To Notice Of Proposed Rulemaking	7/20/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	<p>NERC provides these comments in response to FERC's April 19, 2012 NOPR regarding a proposed remand of TPL-001-2 — Transmission System Planning Performance Requirements. In the NOPR, FERC proposed to remand the standard for not meeting the statutory criteria for approval. On April 19, 2012, FERC also issued Order No. 762 remanding NERC's proposed TPL-002-2b. The TPL-002-2b standard includes a provision (footnote b) 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 stakeholder process. FERC remanded the proposed footnote as vague, unenforceable, and not responsive FERC directives.</p>		

5.2	<b><u>Informational Filing</u></b>	RM10-5-000	Informational Filing in Compliance with Order No. 758--Interpretation of Protection System Reliability Standard, Docket No. RM10-5-000	7/30/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	This informational filing is submitted in compliance with Order No. 758 (in Order No. 758, FERC also accepted NERC's commitments to address the concerns in the Protection System Maintenance and Testing standard within the Reliability Standards development process, and directed NERC to file, by July 30, 2012, either a completed project, or an informational filing providing "a schedule for how NERC will address such issues in the Project 2007-17 reinitiated efforts."). On May 10, 2012, the NERC Standards Committee approved a Standard Authorization Request to revise Reliability Standard PRC-005 to address the maintenance and testing of reclosing relays in NERC Project 2007-17.		
5.3	<b><u>Motion for an Extension of Time</u></b>	RM06-16-010, RM06-16-011	Quarterly Report of the North American Electric Reliability Corporation On Status of Development of BAL-003	7/31/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	On March 30, 2012, NERC filed with FERC a motion for an extension of time to submit a revised Resource and Demand Balancing ("BAL") Reliability Standard on Frequency Response and Frequency Bias, BAL-003 ("Motion for an Extension of Time"). On May 4, 2012, FERC issued an order establishing a compliance schedule for NERC to submit a revised BAL-003 consistent with FERC's directives in Order No. 693. FERC established a deadline of May 31, 2013, and directed the submission of informational reports on a quarterly basis describing "the progress NERC is making toward completing its analysis and research as well as the progress it is making in completing work on the other issues and filing a revised BAL-003-0 Reliability Standard by May 31, 2013." The instant filing is submitted in compliance with this directive.		

5.4	<b><u>Analysis of NERC Standard Process Results Second Quarter 2012</u></b>	RR06-1-000, RR09-7-000	<b>Analysis of NERC Standard Process Results Second Quarter 2012</b>	7/31/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	NERC hereby submits its Analysis of NERC Standards Process Results for the Second Quarter 2012 (“Ballot Results Analysis”). This filing is submitted in response to the FERC January 18, 2007 Order requiring NERC to closely monitor and report the voting results for NERC Reliability Standards each quarter for three years and FERC’s subsequent order issued on September 16, 2010, whereby FERC renewed and expanded on its directive for an additional three years.		
5.5	<b><u>Notice of Filing</u></b>	RM06-16-000	<b>North American Electric Reliability Corporation; Notice of Filing</b>	8/1/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	On March 16, 2012, NERC submitted a filing proposing to amend the NERC Glossary Definition by modifying reference to the defined term “Cascading Outages” to “Cascading outages” within the definition of IROL, approved in FERC’s Final Rule issued December 27, 2007 on NERC’s Proposed Facilities Design, Connections and Maintenance Reliability Standards.		
5.6	<b><u>Petition</u></b>	RD12- -000	<b>PETITION OF THE NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION FOR APPROVAL OF AN INTERPRETATION TO RELIABILITY STANDARD CIP-002-4 – CRITICAL CYBER ASSET IDENTIFICATION</b>	8/1/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	NERC hereby requests FERC approve, in accordance with Section 215(d)(1) of the Federal Power Act (“FPA”) and Section 39.5 of FERC’s Regulations, an interpretation of Reliability Standard CIP-002-4-- Critical Cyber Asset Identification, Requirement R3, to become effective concurrent with the date of a FERC Order approving this petition. Upon FERC approval of the interpretation, the standard will be referred to as CIP-002-4a — Critical Cyber Asset Identification.		

5.7	<b><u>Petition</u></b>	RD12- -000	<b>PETITION OF THE NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION FOR APPROVAL OF AN INTERPRETATION TO RELIABILITY STANDARD CIP-004-4 – PERSONNEL AND TRAINING</b>	8/1/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	NERC hereby requests FERC approve, in accordance with Section 215(d)(1) of the Federal Power Act (“FPA”) and Section 39.5 of FERC’s Regulations, an interpretation of Reliability Standard CIP-004-4a--Personnel and Training, Requirements R2, R3, and R4, to become effective concurrent with the date of a FERC Order approving this petition. Upon FERC approval of the interpretation, the standard will be referred to as CIP-004-4a--Personnel and Training.		
5.8	<b><u>Order on Reconsideration</u></b>	RM11-18-001	<b>Order On Reconsideration</b>	8/3/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	On April 19, 2012, FERC issued a Final Rule remanding a proposal by NERC to modify a provision in TPL-002-0b that allows for planned load shed after a single contingency provided that the plan is documented and alternatives are considered in an open and transparent stakeholder process. The Final Rule found that the proposed provision was vague, unenforceable and not responsive to the previous FERC directives on this matter. Further, in the Final Rule, FERC directed NERC to utilize its Expedited Standards Development Process to develop timely modifications in response to the remand. NERC requests reconsideration, or alternatively rehearing, of the Final Rule with respect to the requirement that NERC use the Expedited Standards Development Process to develop responsive modifications to footnote ‘b’ of the Reliability Standard. As discussed below, FERC grants NERC’s request for reconsideration.		

5.9	<b><u>Petition</u></b>	RM12-12-000	<b>Petition of the North American Electric Reliability Corporation For Approval of Proposed NPCC Regional Reliability Standard PRC-006-NPCC-1 – Automatic Underfrequency Load Shedding</b>	8/3/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	On May 4, 2012, NERC filed a Petition for Approval of Proposed Regional Reliability Standard PRC-006-NPCC-1--Automatic Underfrequency Load Shedding. It has come to NERC's attention that the implementation plan for the standard was indicated to be in Exhibit A, but is located in Exhibit B at pg. 195 of the pdf filing. This is in error, and NERC submits this filing to correct the record and provide the implementation plan for ease of reference. NERC includes the corrected <b>Exhibit A</b> to this filing which contains Regional Reliability Standard PRC-006-NPCC-1 and the accompanying Implementation Plan for Regional Reliability Standard PRC-006-NPCC-1.		
5.10	<b><u>Order</u></b>	RM11-11-001	<b>Order Denying Clarification and Rehearing</b>	8/3/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	The National Rural Electric Cooperative Association (NRECA) and the American Public Power Association (APPA) filed a joint request for clarification or, in the alternative, rehearing of Order No. 761, in which FERC approved the "Version 4" Critical Infrastructure Protection (CIP) Reliability Standards, submitted by NERC. NRECA and APPA contend that FERC erred in certifying that, pursuant to the Regulatory Flexibility Act of 1980 (RFA), implementation of the Version 4 CIP Reliability Standards would not have a significant impact on a substantial number of small entities. For the reasons discussed in the body of this order, FERC denies the request for clarification and rehearing.		

5.11	<b><u>Compliance Filing</u></b>	RM11-20-000	<b>Compliance Filing Of The North American Electric Reliability Corporation In Response To Order No. 763 On Automatic Underfrequency Load Shedding And Load Shedding Plans Reliability Standards</b>	8/9/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	<p>On March 31, 2011, NERC filed a petition pursuant to section 215(d)(1) of the Federal Power Act and section 39.5 of FERC's regulations requesting approval of PRC-006-1 (Automatic Underfrequency Load Shedding) and EOP-003-2 (Load Shedding Plans). On October 20, 2011, FERC issued a NOPR. On May 7, 2012, the Commission issued Order No. 763 approving PRC-006-1 and EOP-003-2, and directing NERC to file revisions to one VSL PRC-006-1, Requirement R8, and one VRF for PRC-006-1, Requirement R5. The order also directed NERC to make revisions to future versions of Requirement R9 of PRC-006 and to submit a compliance filing within 30 days of the effective date of the Final Rule explaining how NERC plans to comply. This filing is submitted in compliance with Order No. 763.</p>		
5.12	<b><u>Petition</u></b>	RD12-5-000	<b>Petition of the North American Electric Reliability Corporation for Approval of an Interpretation to Reliability Standard CIP-002-4 – Critical Cyber Asset Identification</b>	8/20/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	<p>NERC's petition states that the proposed interpretation applies to all versions of the CIP-002 standard, and makes reference to the phrase "Examples at control centers and backup control centers include systems and facilities at master and remote sites that provide monitoring and control, automatic generation control, real-time power system modeling, and real-time inter-utility data</p>		

		exchange,” which is included in Requirement R3 of CIP-002-1, CIP-002-2, and CIP-002-3. However, this phrase was modified in CIP-002-4, and the requirement no longer includes examples. Therefore, with respect to the above phrase, the interpretation of CIP-002 should only apply to CIP-002-1, CIP-002-2, and CIP-002-3, and does not apply to CIP-002-4. NERC submits this filing to correct the record.		
5.13	<b><u>Petition</u></b>	RD12-	<b>Petition of the North American Electric Reliability Corporation for Approval of Proposed Reliability Standard Mod-028-2 – Area Interchange Methodology</b>	8/24/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	<p>NERC hereby requests FERC to approve, proposed standard MOD-028-2 as approved by the NERC Board of Trustees on February 9, 2012. The proposed Reliability Standard provides clarification to the currently effective MOD-028-1 standard on the timing and frequency of Total Transfer Capability (“TTC”) calculations needed for Available Transfer Capability (“ATC”) calculations. NERC is requesting approval of the following:</p> <ol style="list-style-type: none"> <li>1. approval of the proposed Reliability Standard effective on the first day of the first calendar quarter after applicable regulatory approval or where no regulatory approval is required, on the first day of the first calendar quarter after Board approval</li> <li>2. approval of the implementation plan for the proposed Reliability Standard</li> <li>3. approval of the retirement of Reliability Standard, effective midnight immediately prior to the first day of the first calendar quarter after applicable regulatory approval or where no regulatory approval is required, on the first day of the first calendar quarter after Board approval.</li> </ol>		
5.14	<b><u>Order Granting Clarification</u></b>	RM11-20-001	<b>Order Granting Clarification</b>	8/30/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	<p>The Wisconsin Electric Power Company (Wisconsin Electric) filed a request for clarification or, in the alternative, a request for rehearing of Order No. 763. The request is limited to the discussion of coordination of automatic underfrequency load shedding (UFLS) and manual load shedding programs in Order</p>		



		No. 763. The request for clarification was granted.		
5.15	<b><u>Compliance Filing</u></b>	RM06-16-000	<b>Second Quarter 2012 Compliance Filing of The North American Electric Reliability Corporation In Response To Paragraph 629 Of Order No. 693</b>	8/31/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	In its March 16, 2007 Order, FERC directed NERC to provide a quarterly informational filing regarding the timeframe to restore power to the auxiliary power systems of U.S. nuclear power plants following a blackout as determined during simulations and drills of system restoration plans. This filing includes information for the second quarter of 2012 and is submitted in compliance with that directive.		
5.16	<b><u>Comments</u></b>	RM12-6-000, RM12-7-000	<b>COMMENTS OF THE NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION IN RESPONSE TO NOTICE OF PROPOSED RULEMAKING</b>	9/4/12
	<b><u>Summary, Instructions, Dates =&gt;</u></b>	NERC hereby provides these comments in response to FERC's June 22, 2012, NOPR (July 18-19, 2012 RSC Meeting Item 6N-2) regarding revisions to the ERO Definition of BES and RoP. In the NOPR, FERC proposed to approve a modification to the currently-effective definition of "bulk electric system." The proposed modification to the definition removes language allowing for regional discretion in the currently effective bulk electric system definition. The proposed revised definition also establishes a bright-line threshold so that the "bulk electric system" will include facilities operated at 100 kV or higher, if they are Transmission Elements, or connected at 100 kV or higher, if they are Real Power or Reactive Power resources. The new proposed definition contains specific inclusions and exclusions to provide clarity in the definition that the facilities described in certain configurations are included in or excluded		

		from the BES Definition. By this filing, NERC submits its responses to the NOPR.
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**6. Posted NERC Projects (in Meeting Materials Package)**

	<b>Project and Supporting Materials</b>	<b>Current and Pending Ballots</b>		<b>Join Ballot Pools</b>		<b>Posted for Comment</b>	
		Initial Ballot	Non-Binding Poll				
1.	<a href="#"><u>Project 2010-05.1 – Protection Systems: Phase 1 (Misoperations)</u></a>	Initial Ballot	Non-Binding Poll	7/25/12	8/27/12	7/25/12	9/7/12
		8/29/12 - 9/7/12					
2.	<a href="#"><u>Adequate Level of Reliability-- Revised Definition and Associated Documents</u></a>					8/15/12	9/13/12
3.	<a href="#"><u>PRC-006-SPP-01 - SPP Automatic Underfrequency Load Shedding</u></a>					8/15/12	9/28/12
4.	<a href="#"><u>2013-2015 Reliability Standards Development Plan</u></a>					8/17/12	9/18/12
5.	<a href="#"><u>Project 2007-02 - Operating Personnel Communications Protocols</u></a>	Successive Ballot	Non-Binding Poll			8/22/12	9/20/12
	<a href="#"><u>RSAW--comments to be sent to: RSAWfeedback@nerc.net</u></a>	9/11/12 - 9/20/12					
6.	<a href="#"><u>Regional Reliability Standards - MRO Standards Process Manual</u></a>					8/28/12	10/11/12
7.	<a href="#"><u>Standard Process Manual Revisions to Implement SPIG Recommendations</u></a>	10/3/12-10/12/12				8/29/12	10/12/12
8.	<a href="#"><u>Project 2009-01 – Disturbance and Sabotage Reporting</u></a>	Successive Ballot	Non-Binding Poll			8/29/12	9/27/12
		9/18/12 - 9/27/12					

**7. Current NERC Drafting Team Nominations**

a.				
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**8. NERC Meetings (in Meeting Materials Package)**

- a. Project 2010-17 Definition Of BES (Phase 2)--SDT July 31-August 1, 2012 Meeting.
- b. NERC Standards Oversight and Technology Committee August 15, 2012.
- c. NERC Board of Trustees approvals--from the August 16, 2012 Meeting, notes.
- d. NERC Member Representatives Committee Meeting--August 15, 2012.
- e. NERC RSG Sept. 10, 2012 Meeting.
  - 1. RSG activities to end Oct. 1, 2012.

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

- a. NERC Compliance Process Bulletin #2012-001--Applicability of PRC-0023-for Generator Owners.

	<u>Draft CANs--Table</u>	<u>Posted</u>	<u>Comments Due</u>

**10. NERC Items of Interest**

- a. NERC Finance and Audit Committee Meeting--August 15, 2012. NERC 2013 Business Plan and Budget. Page 39 of the redline refers to NPCC and its CEAP.
- b. Addressing Zero Defect Concerns in CIP Standards--Industry Webinar Sept. 11, 2012.
- c. NERC CEAP.
- d. NERC Standards Committee elections. Nominations close Sept. 14, 2012.
- e. Notice of Intent to Withdraw Petition for FERC Approval and Retire BAL-004-1.
- f. NERC Industry Webinar Version 5 CIP Standards: Successive Ballot Update (2 of 2)--Sept. 21, 2012.
- g. 2012 Standards and Compliance Workshops: October 23-25, 2012--Westin Buckhead in Atlanta, Georgia.
- h. NERC Realigns Management Team to Better Fit Changing Needs of ERO—August 28, 2012 announcement.
- i. NERC Industry Webinar Risk-Based Compliance Monitoring and COM-003-1—Sept. 6, 2012.
- j. NERC 2013 Implementation Plan and the Actively Monitored List.
- k. Order No. 754 Request for Data or Information effective September 1, 2012.

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

- a. Regional Reliability Reference Directory # 7  
Special Protection Systems--revised by TFSP, to be posted in September, 2012.
- b. Directory #12 Automatic UFLS alternative IESO Implementation Plan.
- c. Update on PRC-006-NPCC-01 Automatic Underfrequency Load Shedding Program.
- d. NPCC Fall Standards and Compliance Workshop, Nov. 14-16, 2012 Newport Marriott Hotel.
- e. Request for an Interpretation of a Reliability Standard--PRC-002-NPCC-01.
- f. Regional Reliability Standards Development Procedure.
- g. NPCC Response to a Request for Criteria Interpretation on Regional Reliability Directory# 3 Maintenance Criteria for Bulk Power System Protection.

**12. Other Items of Interest**

- a. From the Federal Register, Proposed Rules for the Department of Energy, Reducing Regulatory Burden. Comments due Sept. 7, 2012.

**13. Future NPCC Meetings**

**RSC 2012 Meeting Dates**

November 29-30, 2012--Montreal  
(NPCC General Meeting)

**2012 RSC Conference Call Schedule**

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

September 14, 2012	November 16, 2012
September 28, 2012	December 14, 2012
October 12, 2012	December 28, 2012
November 2, 2012	

**BOD 2012 Meeting Dates**

September 19, 2012--NPCC Offices
October 30, 2012 (Teleconference)
November 28, 2012--Montreal, Quebec

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

RCC	Sept. 12, Nov. 27
CC	9/13-14 (NPCC Offices, NYC), 10/17 (Conference Call), 11/29-30 (Montreal, Joint with RSC)
TFSS	
TFCP	Nov. 7
TFCO	October 17, November 29
TFIST	
TFSP	September 18-19, November 13-14

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 212-335-4765.