



RCC Meeting
February 26, 2014
Agenda Item 7.9

Reliability Assessment Program
(NRAP)
HIGHLIGHT REPORT
Prepared for the
Reliability Coordinating Committee
February 26, 2014

Distributed to:

Members, Reliability Coordinating Committee
Members, Compliance Committee
Members, Regional Standards Committee
Members, Task Force on System Studies
Members, Task Force on System Protection
Members, Task Force on Coordination of Planning
Members, Task Force on Coordination of Operation
Members, Task Force on Infrastructure Security and Technology
Chairmen, Working Groups
and
NPCC Staff



Reliability Assessment Program

HIGHLIGHT REPORT

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RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Standards Program Regional Standards Committee

Item	Name	Assignment
RSC	Regional Standards Committee	<p>The NPCC Regional Standards Committee (RSC), a committee of the NPCC Board, is primarily charged with management and maintenance of the NPCC Regional Reliability Standards Development Procedure (the replacement Regional Standard Processes Manual has been approved by ballot and will be replacing the NPCC Regional Reliability Standards Development Procedure) and Regional Standards, under a sector based voting structure as described in the NPCC, Inc. Bylaws. The NPCC RSC will consider requests for new or revised standards and be available for advisement to the NPCC Board on the standards. The NPCC RSC will work in coordination with the Regional Standards Process Manager (RSPM) who will be the administrator for the NPCC Regional Reliability Standards Development Procedure (this is going to be replaced by the Regional Standard Processes Manual as the next revision). In addition, the NPCC RSC will review, comment on and develop ballot recommendations for the NERC Reliability Standards under development. The RSC will also review and comment on NERC RSAWs. The NPCC RSC also provides oversight for the NPCC Reliability Directories which contain the NPCC more stringent regional Criteria and supporting information. The RSC also conducts and coordinates the Cost Effectiveness Analysis Procedure (CEAP) for evaluation of the cost effectiveness of NPCC's Regional Standards. The RSC also provided input through its members to the NERC CEAP, pilots, and permanent implementation of that process. Also the RSC continues to support NPCC staff in the Paragraph 81 and Informal Standard Development efforts. The RSC also participated in the development of the new NERC standards development process and Standards Process Input Group (SPIG) recommendations, and commented on revisions. The RSC is providing input to the NERC "Single Portal Project", led by NPCC to allow stakeholders to efficiently and effectively input inquiries to NERC as well as the NERC Drafting Team Reference Manual. NPCC has also initiated a review of NERC's Interpretation procedure with NERC Legal and will be suggesting enhancements.</p>

Status/ Comments:

The RSC is focusing on the review of each of the NERC Reliability Standards (as they are developed or revised). The RSC is currently reviewing all the FERC Orders and NOPRs that pertain to Reliability Standards. The RSC develops recommendations for the membership on ballots when posted. The RSC also participates in the NERC Functional Model Working Group, NERC Standards Committee, and the NERC Standards Committee Process Subcommittee. The RSC has also revised the NPCC Regional Reliability Standards Development Procedure (to be renamed Regional Standard Processes Manual), which has been posted and will be submitted to the NPCC Board for approval this year, then forwarded to the NERC BOT for approval and filing with FERC and the Provincial Authorities. The RSC is continually participating in the NERC Reliability Standards Manual revisions and the Results Based Standards Initiative through the Standards Committee Process Subcommittee, and also soliciting members for the NERC drafting teams as necessary to ensure NPCC is adequately represented. The RSC is actively supporting the Order 706 Cyber Security Standards development and revision process. The RSC is overseeing and managing the development of a Regional Reserve Sharing Group Standard. The Disturbance Monitoring Standard has been approved by the NPCC General Membership, the NPCC Board of Directors, NERC Board of Trustees, and FERC. Provincial Government approval is pending. The Underfrequency Load Shedding Standard has been approved by FERC. It is pending Provincial Government approval. The RSC has initiated Phase II of the NPCC Directory project to convert the criteria in the Directories to specific "requirements" on which compliance may be assessed.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Standards Program

Regional Standards Committee

Item	Name	Assignment
RSC	Regional Standards Committee	<p>The RSC continues to develop enhancements to the NPCC Website to provide further uniformity and consistency with that of other Regions and participates in various drafting efforts of those Regions.</p> <p>The RSC has also developed a Cost Effectiveness Analysis Procedure to evaluate if developing standards provide a cost effective solution to achieving a standard's reliability objective and considers the economics of the implementation and has helped NERC adopt a similar approach. The RSC has also developed the Work Plan for 2014-2015 and a revised Scope of Work, both of which have been approved by the NPCC Board of Directors at their January 29, 2014 meeting.</p>



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Standards Program

Directories and Appendices

<u>Item</u>	<u>Name</u>	<u>Appendices</u>	<u>Lead TF</u>	<u>Current Version</u>
DIR-1	Basic Criteria for the Design And Operation of the Bulk Power System	Appendix A – Definition of Terms Appendix B – Guidelines and Procedures for NPCC Area Transmission Review Appendix C – Procedure for Testing and Analysis of Extreme Contingencies Appendix D – Guidelines for Area Review of Resource Adequacy Appendix E – Guidelines for Requesting Exclusions to Sections 5.4.1 (B) and 5.5.1 (B) of NPCC Directory No. 1 - Design and Operation of the Bulk Power System Appendix F – Procedure for Operational Planning Coordination Appendix G – Procedure for Inter Reliability Coordinator Area Voltage Control	TFCP TFCP TFCP TFCP TFCP TFCO* TFCO*	December 1, 2009

Status/ Comments:

The Task Force on Coordination of Planning and the Task Force on Coordination of Operation requested a collaborative review of the draft Phase 2 version of Directory No. 1 by their respective Working Groups CP11 and C07.

The combined CP11/C07 Working Group was instructed to review the draft as an integrated planning and operational document, examine all aspects of the criteria, and return the draft of Directory No. 1 to the TFCP and the TFCO for their collective consideration.

The CP11/C07 Working Group progressed through the document addressing all Task Force comments submitted on previous versions and completed the original Task Force charge to review the Directory No.1 criteria.

Directory No.1 was posted to the Open Process for comment on December 11, 2013 through January 25, 2014.(45 days).

CP11 and C07 will reconvene to address comments received in the Open Process.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Standards Program

Directories and Appendices

<u>Item</u>	<u>Name</u>	<u>Appendices</u>	<u>Lead TF</u>	<u>Current Version</u>
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DIR-2	Emergency Operation	Appendix A – Definition of Terms Appendix B - Guideline and Procedure for Emergency Operation	TFCO TFCO TFCO	June 26, 2009
	Status/ Comments:	<p>Directory No. 2 was approved by the Full Members on October 21, 2008 and NPCC Document A-3 was retired on the same date. The Automatic UFLS language formerly contained within Directory No. 2 was transferred into Directory No. 12 (UFLS Program Requirements) effective with the Full Member approval of Directory No.12 on June 26, 2009.</p> <p>Phase 2 reformatting of Directory No. 2 is pending the Task Force on Coordination of Operation (TFCO) coordination with other TFCO Directories.</p>		

<u>Item</u>	<u>Name</u>	<u>Appendices</u>	<u>Lead TF</u>	<u>Current Version</u>
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DIR-3	Maintenance Criteria for Bulk Power System Protection	Appendix A – Definition of Terms Appendix B – Guidelines and Procedures for Maintenance of Bulk Power System Protection	TFSP TFSP TFSP	July 14, 2009
	Status/ Comments:	<p>The Task Force on System Protection will compare PRC-005-3 <i>Protection System Maintenance</i> and assess whether all or portions of the criteria in Directory #3 can be retired.</p>		



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Standards Program

Directories and Appendices

<u>Item</u>	<u>Name</u>	<u>Appendices</u>	<u>Lead TF</u>	<u>Current Version</u>
DIR-4	BPS Protection Criteria	Appendix A – Guideline and Procedure for Bulk Power System Protection	TFSP TFSP	December 1, 2009

Status/ Comments:

The Task Force on System Protection (TFSP) has addressed a process issue related to compliance and the structure of the criteria within Directory No. 4 during its review of this document. As an alternative to the detailed NERC style requirements in Phase 2 of the Directory Project the TFSP has proposed compliance requirements which will improve the process entities follow to obtain NPCC approval of new or modified protection systems, while encouraging innovation and creativity in protection system designs.

The NPCC Compliance Committee (CC) has reviewed and approved the inclusion of these compliance requirements in the revised draft to be posted for industry comment by the TFSP in early 2014.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Standards Program

Directories and Appendices

<u>Item</u>	<u>Name</u>	<u>Appendices</u>	<u>Lead TF</u>	<u>Current Version</u>
DIR-5	Reserve	Appendix 1 – Monitoring Procedure for Interconnected System Frequency Response Appendix 2 – Monitoring Procedures for Reserve Criteria Appendix 3 – Procedures during Abnormal Operating Conditions Appendix 4 – Guidelines for SAR Allocation Following Radial Source Contingencies Appendix 5 – NPCC Control Performance Reporting Process Appendix 6 – Light Load Conditions Appendix 7 – Participation Request Form - Simultaneous Activation of Reserve and Ace Diversity Interchange	TFCO TFCO TFCO TFCO TFCO TFCO TFCO	October 11, 2012

Status/ Comments: The Task Force on Coordination of Operation (TFCO) has addressed a number of key reserve issues that were unresolved when Directory No. 5 was approved in late 2010, including DCS compliance and wheeling radial source contingencies outside the region.

On October 11, 2012 the NPCC Full Member Committee voted to approve revisions to the criteria within Directory No. 5 Reserve which addressed these issues.

<u>Item</u>	<u>Name</u>	<u>Appendices</u>	<u>Lead TF</u>	<u>Current Version</u>
DIR-6	Regional Reserve Sharing		TFCO	April 6, 2012

Status/Comments: Directory No. 6 was developed in Phase 2 format and approved by the NPCC Full Member committee on April 6, 2012.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Standards Program

Directories and Appendices

<u>Item</u>	<u>Name</u>	<u>Appendices</u>	<u>Lead TF</u>	<u>Current Version</u>
DIR-7	Special Protection System	Attachment 1 – Definition of Terms Appendix A – Guidance for Consideration in SPS Design Criteria Appendix B – Procedure for Review of Special Protection Systems	TFSP TFSP TFSP	July 3, 2013
	Status/ Comments:	<p>The Task Force on System Protection (TFSP) coordinated a comprehensive review of Directory No. 7 during 2013 in order to make the criteria in Directory No. 7 consistent with NPCC Directory No.4 BPS Protection Criteria.</p> <p>Additionally, compliance requirements similar to those described above for Directory #4 have been inserted in the revised draft of Directory No.7.</p> <p>The TFSP expectation is that these compliance requirements will clarify compliance expectations and maintain the existing structure of protection criteria and objectives while encouraging innovation and creativity in protection system designs.</p> <p>The revisions to Directory No. 7 included a comprehensive update of the SPS criteria within the Directory including the process to retire or modify an existing SPS.</p> <p>The NPCC Full Member Committee approved the revised Directory No.7 on July 9, 2013.</p>		

<u>Item</u>	<u>Name</u>	<u>Appendices</u>	<u>Lead TF</u>	<u>Current Version</u>
DIR-8	Black Start System Restoration	Appendix A – Definition of Terms	TFCO TFCO/TFSS ¹	October 22, 2010
	Status/ Comments:	<p>The CO-11 Restoration Working Group is reviewing the initial Phase 2 draft of Directory No. 8 and will provide comments and recommendations to the TFCO. The CO-11 Restoration Working Group revisions will be incorporated into the Phase 2 reformatting of Directory No. 8 and presented to the TFCO.</p>		

¹ Indicates that the Task Force responsible for review of the Appendix is not the same as the lead Task Force for the respective Directory.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Standards Program

Directories and Appendices

<u>Item</u>	<u>Name</u>	<u>Appendices</u>	<u>Lead TF</u>	<u>Current Version</u>
DIR-9	NPCC Verification of Generator Gross and Net Real Power Capability	Appendix A – Definition of Terms Appendix B – Basic Flow Chart for Verification of Generator Gross and Net Real Power Capability	TFCO TFCO/TFCP ¹ TFCO/TFCP ¹	December 29, 2011
	Status/ Comments:	Directory No. 9 was approved by the NPCC Full Membership on December 22, 2008. The Full Member Committee approved the Phase 2 reformatting of Directory No. 9 in December 2011.		

<u>Item</u>	<u>Name</u>	<u>Appendices</u>	<u>Lead TF</u>	<u>Current Version</u>
DIR-10	NPCC Verification of Generator Gross and Net Reactive Power Capability	Appendix A – Definition of Terms Appendix B1 – Basic Flow Chart for Verification of Generator Gross and Net Reactive Power Capability Appendix B2 – Generator Reactive Capability Form	TFCO TFCO/TFCP ¹ TFCO/TFCP ¹ TFCO/TFCP ¹	December 29, 2011
	Status/ Comments:	Directory No. 10 was approved by the NPCC Full Membership on December 22, 2008. The Full Member Committee approved the Phase 2 reformatting of Directory No. 10 in December 2011.		



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Standards Program

Directories and Appendices

<u>Item</u>	<u>Name</u>	<u>Appendices</u>	<u>Lead TF</u>	<u>Current Version</u>
DIR-12	UFLS Load Shedding Program Requirements	Appendix A – Definition of Terms	TFSS TFSS	July 9, 2013
	Status/ Comments:	<p>Directory No.12 was revised by the Task Force on System Studies (TFSS) in order to synchronize the UFLS program tolerance bands in Directory No.12 with those in the UFLS Regional Standard PRC-006-NPCC-1, allowing regional entities to implement a program that is consistent with the Regional Standard and the SS-38 Working Group design recommendations as part of the ongoing six year UFLS Implementation Plan.</p> <p>The NPCC Full Member Committee approved the revised Directory No.12 on July 9, 2013.</p> <p>NPCC will retire Directory No.12 upon full implementation of PRC -006-NPCC-1.</p>		



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Standards Program

Directory Development and Revision Manual

<u>Item</u>	<u>Name</u>	<u>Assignment</u>	<u>Current Version</u>
Directory	Directory Development and Revision Manual	The NPCC Directory Development and Revision Manual is intended to provide guidance regarding the process of establishing a new or revised Directory and will clarify the roles and responsibilities of the NPCC Task Forces responsible for Directory content.	December, 2013

Status/ Comments:

The NPCC Regional Standards Committee (RSC) suggested changes in the approval process for a Criteria Interpretation (Clarification) and proposed revising the Directory Development and Revision Manual where the process is contained.

The RSC approved revisions to the Directory Development and Revision Manual at its December 2013 meeting.

NPCC Glossary of Terms

<u>Item</u>	<u>Name</u>	<u>Assignment</u>	<u>Current Version</u>
Glossary	NPCC Glossary of Terms	The NPCC Glossary of Terms has replaced the A7 document and was approved by the RSC on October 26, 2011. The Glossary contains the definitions of all terms found within NPCC Directories, Guidelines and Procedures. The Glossary is organized in sections containing those terms found in Directories (including Appendices) which support the NPCC criteria and another Section for definitions found within remaining NPCC B and C documents. The Glossary is located in the Directory section of the NPCC website.	October 26, 2011



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Standards Program

Regional Standards

Item	Name	Assignment	Current Version	
PRC-002-NPCC-01	Disturbance Monitoring	This Standard establishes the technical and reporting requirements for disturbance monitoring equipment. This will lead to improved system reliability by providing the resources to do post event analyses.	Latest Version:	New
			Frequency of Reviews:	3 years
			Next Review Date:	October, 2014

Status/ Comments:

The NPCC Board approved the Standard on February 9, 2010. NERC accepted the technical content of the requirements and the Implementation Plan; however issues were identified with the construction of the VSLs. The VSLs were reworked, and only the VSL portion of the Standard was re-posted for a 30 day industry review and comment period. This was followed by submission to NPCC Members for approval. The VSLs were approved by ballot Oct. 31, 2010. The Standard and its Implementation Plan were submitted to the NERC BOT at its November 4, 2010 meeting and approved. Materials were reviewed by NERC and filed with FERC on May 31, 2011. A Filing was made with the appropriate Canadian authorities for their approvals on June 8, 2011. FERC approved PRC-002-NPCC-01 on October 20, 2011. The Task Force on System Protection (TFSP) responded to a Request for Interpretation regarding generators in Requirements R4, R5, and R6 which was approved by the NPCC Board of Directors. Four additional Requests for Interpretation have been resolved by TFSP. Two Requests for Clarification have been resolved by TFSP, the resolution of one additional Request for Interpretation is pending. The Drafting Team for PRC-002-NPCC-01 has been reconvened in response to an approved RSAR to address the new BES definition, and clarifications needed from the Requests for Interpretation. Its work has been put on hold until the continent wide Standard (PRC-002-2) is completed.

Item	Name	Assignment	Current Version	
PRC-006-NPCC-01	Under Frequency Load shedding	This Standard will provide the requirements for implementing an automatic under frequency load shedding program in order to effectively respond to system under frequency events.	Latest Version:	New
			Frequency of Reviews:	3 years
			Next Review Date:	N/A

Status/ Comments:

On September 20, 2012 FERC issued a NOPR proposing to approve the regional Reliability Standard under Section 215 of the Federal Power Act and seeking comment on certain requirements within the proposed regional standard. Comments were due with the Commission by November 26, 2012. NPCC and four other entities (including NERC) filed comments on the NOPR. NPCC filed reply comments on December 11, 2012. FERC approved PRC-006-NPCC-1 and its Implementation Plan on February 21, 2013. Based on the FERC approved Implementation Plan the enforcement date for R1 – R7 is January 1, 2016. Requirements R8 – R23 are enforced July 1, 2015.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Standards Program

Regional Standards

<u>Item</u>	<u>Name</u>	<u>Assignment</u>	<u>Current Version</u>
BAL-002- NPCC-01	Regional Reserve Sharing Groups	This Standard will provide the measures for implementing Reserve Sharing Groups within NPCC in order to meet their reserve obligations.	Latest Version: New Frequency of Reviews: 3 years Next Review Date:

Status/ Comments:

The RSAR has been developed and approved by the RSC. The RCC has assigned the TFCO to act as the drafting team and a request for drafting team members was sent to the NPCC membership. At its meeting of April 14 and 15, 2011, the TFCO established a sub-group of TFCO members and NPCC staff that will work on the Reserve Sharing Groups Standard’s development. The development of Regional Standards has been held in abeyance pending further direction from NERC.

Regional Standards Development Procedure

<u>Item</u>	<u>Name</u>	<u>Assignment</u>	<u>Current Version</u>
RRSDP	Regional Reliability Standards Development Procedure	The NPCC Regional Reliability Standards Development Procedure describes the procedures, policies, and practices implemented to ensure an “open, fair, and inclusive” process for the transparent initiation, development, implementation and revision of the NPCC Regional Standards necessary for the reliable operation of the Interconnected bulk power system in Northeastern North America.	Latest Version: Sept. 19, 2007 Frequency of Reviews: 3 years Next Review Date: Nov. 8, 2011

Status/ Comments:

The Regional Reliability Standards Development Procedure is posted on the NPCC Website. The RSC is actively reviewing the activities at the NERC level to ensure the regional procedure is consistent with the NERC Standard Processes Manual and achieves a consistency with the NERC common attributes adhered to by the other Regions. The RRSDP was posted for a 45 day comment period Dec. 7, 2011. It was reposted June 6, 2013 through July 22, 2013 for comments. Comments received have been reviewed and necessary revisions incorporated. The title of the document is going to be revised to “Regional Standard Processes Manual”. The document was reposted for comments September 5, 2013 through October 20, 2013. The comments received were reviewed and incorporated as appropriate. The Regional Standard Processes Manual passed the ballot that was posted November 12, 2013 through January 17, 2014. The document will be presented to the NPCC Board of Directors for approval.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Compliance Enforcement and Organization Registration and Certification Program

Compliance Committee

<u>Item</u>	<u>Name</u>	<u>Assignment</u>
CC	NPCC Compliance Committee	The NPCC Compliance Committee (CC) is charged with providing independent policy input for the NPCC Compliance Monitoring and Enforcement Program (CMEP). The NPCC CMEP covers compliance assessment and enforcement of NERC Reliability Standards, Regional Reliability Standards and NPCC Reliability Criteria (NPCC Directories). With regard to NERC Reliability Standards and Regional Reliability Standards, the CC provides an oversight role to the NPCC Compliance Staff's implementation of the CMEP. In this oversight role the CC will endorse the compliance procedures (CP) used by the NPCC Compliance Staff in the conduct of the CMEP. In addition, the CC is responsible for providing non-monetary sanction recommendations to the RCC for incidents of non-compliance with monitored Reliability Criteria.
	Status/ Comments:	Compliance Procedure CP-06 <i>Procedure for Self-Certification and Self-Reporting</i> has been reformatted. The reformatted CP-06 will be discussed on the February 2014 CC conference call. The document will then be presented for CC approval at the March 2014 face-to-face meeting.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Compliance Enforcement and Organization Registration and Certification Program

NPCC Compliance Committee

Documents

<u>Item</u>	<u>Name</u>	<u>Assignment</u>
CCEP	Criteria Compliance and Enforcement Program	<p>The CC will maintain the <i>NPCC Criteria Compliance and Enforcement Program Process Document (CCEP-1)</i> which documents the process for actively monitoring and enforcing compliance on a subset of the Reliability Criteria.</p> <p>The CC will provide to the RCC for approval an annual CCEP Implementation Plan which identifies the Reliability Criteria that will be monitored in the upcoming CCEP compliance year and identifies the due dates for the Reliability Criteria Certification forms.</p> <p>The CC will provide to the RCC for approval an annual written assessment of the submitted Reliability Criteria Certification forms which will include recommendations as necessary of non-monetary sanctions for incidents of non-compliance.</p> <p>Status/ Comments:</p> <p>On December 3, 2013, the 2014 CCEP Implementation Plan was approved at the RCC meeting and has since been posted on the NPCC website. In February 2014, a draft of the reformatted CCEP-1 was shared with the CC for comment. At the March 2014 face-to-face meeting, the reformatted CCEP-1 will be discussed and presented for CC approval. In March 2014, the CC will begin developing its annual Reliability Criteria Certification assessment report which will be presented at the June 2014 RCC meeting.</p> <p>All of the Reporting Full Members are on track with the 2013CCEP schedule, reporting 100% compliance with the actively monitored criteria.</p>



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Training, Education, and Operator Certification Program

TASK FORCE ON COORDINATION OF OPERATION

<u>Item</u>	<u>Name</u>	<u>Assignment</u>
CO-2	System Operator Training	This Working Group establishes a program for system operator training relating to NPCC Inc. inter-Area matters, Working Group criteria, terminology, policies and operating instructions. It prepares and presents material at system operator training sessions, exchanges information on internal system operator training methods. The CO-2 Working Group also evaluates and proposes new techniques and training aids as they become available.
	Status/ Comments:	The CO-2 Working Group held its semiannual autumn System Operators Training Seminar on November 5 and 6, 2013.. The next meeting to plan the Spring 2014 Operator Seminar and to address industry issues affecting system operator training will be held in Toronto on March 6-7.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program

TASK FORCE ON COORDINATION OF OPERATION

<u>Item</u>	<u>Name</u>	<u>Assignment</u>
CO-1	Control Performance	The Working Group insures coordination between adjacent control areas in establishing interchange schedules, Working Group reviews time error correction procedures, and monitors the conformance of the Areas with NPCC Control Performance Criteria and Operating Reserve Criteria. At the request of the Task Force on Coordination of Operation (TFCO), it conducts investigations of control performance problems.

Status/ Comments:

The CO-1 Working Group last met on February 13-14, 2014. *The CO-1 members are actively addressing the following topics: 1) Simultaneous Activation of Reserve (SAR) procedure implementation software automation update, 2) analysis of recent SAR events, 3) providing support and research regarding frequency response issues including NPCC governor response and frequency bias setting issues and the implementation of new BAL-003-1 standard content, 4) ACE Diversity Interchange, 5) Proposed Balancing Standards BAL-001-2, BAL-002-2 and the BAL-004-006 NERC Review and 6) Generating unit operations with no available communications.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program TASK FORCE ON COORDINATION OF OPERATION

<u>Item</u>	<u>Name</u>	<u>Assignment</u>
CO-7	Operational Planning Working Group	<p>The Working Group CO-07 was restructured to serve the Task Force on Coordination of Operation as an Ad Hoc Working Group, populated and charged to address specific issues as required to assist the TFCO. It has been renamed the “Operational Planning Working Group.”</p> <p>Status/ Comments:</p> <p>The Working Group CO-07 has been reformulated to accept specific operational planning tasks from the Task Force on Coordination of Operation on an ad hoc basis; it has been renamed the “Operational Planning Working Group.”</p> <p>On January 31, 2013 the Task Force on Coordination of Planning (TFCP) and the Task Force on Coordination of Operation (TFCO) requested a collaborative review of the Phase 2 draft of Directory No. 1 by their respective Working Groups: CP-11 and CO7.</p> <p>The combined CP11/CO7 Working Group was instructed to review the draft as an integrated planning and operational document, examine all aspects of the criteria and return the draft of Directory No. 1 to the TFCP and the TFCO for their collective consideration.</p> <p>The CP11/CO7 Working Group have been meeting once a week via WEBEX and is progressing through the document while addressing all Task Force comments that have been submitted on previous versions of the draft. The goal of the group is consistent with the overall goal of Phase 2 of the NPCC Directory project which is to produce a draft with criteria requirements that are clear, measurable and unambiguous throughout the document.</p> <p>The group has developed Planning and Operation ‘Tables’ containing the relevant contingency events, fault types and performance requirements from the criteria section of the Directory. The formatting and subsequent review of the Table content has provided additional clarity for the criteria and has gained consensus among the group.</p> <p>Following the collaborative effort by the Working Groups CP-11 and CO-7, a revised draft of Directory No. 1 has been developed and approved by the Task Forces on Coordination of Planning and Operation. It is currently posted for public comment – comments received will be addressed.</p>



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program TASK FORCE ON COORDINATION OF OPERATION

<u>Item</u>	<u>Name</u>	<u>Assignment</u>
CO-8	System Operations Managers Working Group	Provide a forum for the Managers of the NPCC control centers to identify and discuss security concerns in the operation of the interconnected bulk power supply system, and specific concerns related to the integration of operation between and among the evolving ISOs. The System Operations Managers Working Group will also assist the Task Force on Coordination of Operation in their work on issues related to system security and the operation of the ISOs, and provide advice to the TFCO, as requested.
	Status/ Comments:	<p>The CO-8 Working Group met on November 19 and 20, 2013.</p> <p>On the second day of the meeting, the representatives of the Working Group CO-08 met with their counterparts from the MISO and PJM to discuss operational issues of common interest and review the operational readiness of each Reliability Coordinator for the coming winter season. The System Operations Managers Working Group holds these collaborative meetings semiannually with the MISO and PJM, in advance of the summer and winter load periods.</p>



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program TASK FORCE ON COORDINATION OF OPERATION

<u>Item</u>	<u>Name</u>	<u>Assignment</u>
CO-11	Restoration Working Group	The CO-11 Working Group facilitates effective and coordinated power system restoration among the NPCC Reliability Coordinator areas and with adjacent Regions. Annually review the restoration plans of the NPCC Reliability Coordinator areas to identify in each individual plan the physical points of coordination, the general elements of the restoration plan, the Key Facilities associated with the restoration plan, the communication protocols employed and the roles and responsibilities of the restoration participants. Identify opportunities for mutual assistance during restoration and the extent to which each system can rely on its neighbors for assistance. Coordinate Reliability Coordinator restoration exercises and develop and supervise annual wide area restoration simulations. The Restoration Working Group (CO-11) monitors the NERC Reliability Standards EOP-005, “System Restoration from Blackstart Resources,” and EOP-006, “System Restoration Coordination,” and coordinates input to the NPCC Task Force on Coordination of Operation and the NPCC Regional Standards Committee as revisions to these Standards are proposed and implemented.

Status/ Comments:

The NPCC Restoration Working Group (CO-11) met on November 20-22, 2013. Topics addressed during that meeting included the the review of the restoration plans of the IESO and New Brunswick.

<u>Item</u>	<u>Name</u>	<u>Assignment</u>
CO-12	Seasonal Assessment Working Group	Review the overall reliability of the generation and transmission system in the NPCC Region for the Summer and Winter Seasonal conditions. Working Group CO-12 has been renamed the “Seasonal Assessment Working Group” to avoid confusion with the restructured Working Group CO-07.

Status/ Comments:

The CO-12 Working Group has completed work on the 2013 / 2014 Winter NPCC Reliability Assessment. It was approved by the TFCO and the RCC on November 15 and December 3, respectively. The CO-12 Working Group has begun work on the 2014 Summer NPCC Reliability Assessment. A summary presentation of the preliminary results will be provided during the February 26, 2014 RCC meeting.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program

TASK FORCE ON COORDINATION OF PLANNING

Item	Name	Assignment
CP- 8	Working Group on Review of Resource and Transmission Adequacy	Review the overall reliability of the NPCC Areas and perform pre-seasonal resource adequacy assessments.
	Status/ Comments:	The Task Force on Coordination of Planning has recommended the 2013 NPCC Long Range Adequacy Overview (LRAO) to be considered for approval at the February 26, 2014 RCC meeting.

Item	Name	Assignment
CP- 2014S	Summer 2014 Multi-Area Probabilistic Reliability Assessment	Assess NPCC Area reliability for the year 2014 by estimating the projected use of Area Operating Procedures designed to mitigate resource shortages for the summer (May through September) period.
	Status/ Comments:	The CP-8 Working Group has begun work on the 2014 Summer NPCC Multi-Area probabilistic Reliability Assessment. A summary presentation of the preliminary results will be provided during the February 26, 2014 RCC meeting.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program

TASK FORCE ON COORDINATION OF PLANNING

Item	Name	Assignment
CP- 2013W	Winter 2013-2014 Multi-Area Probabilistic Reliability Assessment	Assess NPCC Inc. Area reliability by estimating projected use of Area Operating Procedures designed to mitigate resource shortages for the winter (November 2012 through March 2013) period.
	Status/ Comments:	The NPCC 2013-14 Winter Multi-Area Probabilistic Reliability Assessment was approved by the RCC at their June 5, 2013 RCC meeting, and was released as part of the 2013-2014 NPCC Winter Reliability Assessment
Item	Name	Assignment
LRAO	NPCC Long Range Adequacy Overview	On a consistent basis, evaluate the near-term seasonal and long-range (five year) adequacy of NPCC Areas', reflecting neighboring regional plans proposed to meet their respective resource adequacy criteria through multi-area probabilistic assessments.
	Status/ Comments:	Work on the <i>2014 NPCC Long Range Adequacy Overview</i> is currently underway. The scope and schedule for the 2014 LRAO was approved by the RCC at their September 11, 2013 meeting.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program

TASK FORCE ON COORDINATION OF PLANNING

Item	Name	Assignment
CP-11	<i>NPCC Basic Criteria For Design and Operation of the Bulk Power System Review Working Group</i>	This Working Group is charged with the revision of the NPCC Inc. Basic Design Criteria Directory No. 1 and the NPCC Glossary of Terms Document A-07. In addition, the Task Force on Coordination of Planning (TFCP) charged the CP-11 Working Group with the development of the A-10 Classification of BPS Elements document.
	Status/ Comments:	<p>The Task Force on Coordination of Planning and the Task Force on Coordination of Operation requested a collaborative review of the draft Phase 2 version of Directory No. 1 by their respective Working Groups CP11 and C07.</p> <p>The combined CP11/CO7 Working Group was instructed to review the draft as an integrated planning and operational document, examine all aspects of the criteria, and return the draft of Directory No. 1 to the TFCP and the TFCO for their collective consideration.</p> <p>The CP11/CO7 Working Group progressed through the document addressing all Task Force comments submitted on previous versions and completed the original Task Force charge to review the Directory No.1 criteria.</p> <p>Directory No.1 was posted to the Open Process for comment on December 11, 2013 through January 25, 2014.(45 days).</p> <p>CP11 and CO7 will reconvene to address comments received in the Open Process.</p>



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program

TASK FORCE ON SYSTEM STUDIES

Item	Name	Assignment
SP-7	Working Group on Review of Protection System Misoperations	Review and analyze misoperations of transmission and generation protection systems and special protection systems on the bulk electric system and report on the statistics of misoperations as they occur in the NPCC region including lessons learned and implementation of corrective action plans by registered entities.
	Status/ Comments:	<p>The SP-7 Working Group has completed review of Third Quarter 2013 misoperation reports and outstanding reports from prior Quarters. The Third Quarter Report and updates to prior Quarter Reports were submitted to NERC on January 15, 2014, and a status report will be given at an upcoming RCC meeting. The SP-7 Working Group is currently reviewing Fourth Quarter 2013 reports and outstanding reports from prior Quarters.</p> <p>The Working Group is continuing discussion with its members and their respective organizations on the NERC proposed move of Protection System Misoperation and Operation data out of PRC-004 compliance requirements to NERC Rules of Procedure Section 1600 Mandatory Data Reporting and its potential effects on the NPCC Misoperation and Operation reporting process.</p>

Item	Name	Assignment
SS-37	Base Case Development Working Group	On an annual basis, develop a library of solved load flow cases and associated dynamic data.
	Status/ Comment:	<p>The SS-37 Working Group completed development of the 2013 Library of Cases in September 2013 (Load Flow/Steady State and Dynamics/Stability cases) per the SS-37 Work Plan Schedule. The Working Group is currently cooperating with MMWG and PowerTech to send updates to the latest trial of the MMWG Load Flow cases and is standing by to receive and send updates for development of the MMWG Dynamics case.</p> <p>SS-37 met in February 2014 to set its 2014 meeting schedule and discuss proposed changes and improvements to the annual Base Case Development process.</p>



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program

TASK FORCE ON SYSTEM STUDIES

Item	Name	Assignment
SS-38	Inter-Area Dynamic Analysis Working Group	Assigned to analyze dynamic phenomena, which may affect interconnected system reliability, especially in the area of low frequency oscillations.
	Status/ Comments:	The SS-38 Working Group is making good progress on the 2013 UFLS Adequacy Assessment and will provide a status report at the February 26, 2014 RCC meeting.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program

Eastern Interconnection Reliability Assessment Group

Study Committees

<u>Item</u>	<u>Name</u>	<u>Assignment</u>
ERAG	Eastern Interconnection Reliability Assessment Group	<p>The Eastern Interconnection Reliability Assessment Group (ERAG) Management Committee (MC) oversees the Multi-Regional Modeling Group steady state and dynamics base case development, all Eastern Interconnection interregional assessment activities and other interregional matters of interest. Eastern Interconnection assessment forums include: RFC-NPCC, RFC-SERC East and RFC-MRO-SPP-SERC West.</p> <p>Status/ Comments:</p> <p>The ERAG Management Committee (MC) met on February 5-6, 2014 at the SPP offices in Little Rock, Arkansas. Highlights of that meeting and recent ERAG group activity include:</p> <p>ERAG has followed the MOD-032-1, “Data for Power System Modeling and Analysis” and the MOD-033-1, “Steady-State and Dynamic System Model Validation” Standard development very closely. Both documents have recently been approved by NERC and FERC approval will be sought. They result in some changes to the power industry data and modeling practices and can impact the ERAG Multi-Regional Modeling Working Group procedures. Much of the modeling coordination responsibilities will shift to Planning Coordinators. Also, the role of base case building coordinator is determined in MOD-032-1, Requirement 4 as “NERC or its designee”. ERAG has formally had that role since 2006 and the Regions had the base case building coordinator role with NERC for decades before 2006. ERAG and the Regions must now decide whether the present ERAG process can continue or whether it will need to be altered and this will need to be communicated to NERC.</p> <p>The ERAG Multi-Regional Modeling Working Group 2013 series dynamics base case development (8 dynamics cases) is well underway and should be completed during 2014 Spring. These base cases will include revised governor-plant control models.</p> <p>The February meeting included discussion with NERC System Analysis and (SAMS) representatives. Ideas on possible use of North American Transmission Forum modeling tools for model development improvement were identified and will be investigated.</p> <p>The ERAG Management Committee is updating the ERAG Work Plan. The Work Plan activities will include: 1) Frequency response improvement through use of different governor-turbine models, 2) load modeling improvements, 3) data screening improvements, 4) validation of models and cases, 5) base case development process improvements, 6) training, and other possible items. The ERAG MC is considering follow up work to address these.</p> <p>The 2014 Summer Assessment activities have been initiated and the scope for the study work was reviewed at the February ERAG Management Committee meeting. The primary transfers now involve Balancing Authority (BA) to BA or group of BAs to group of BAs transfers. Also, many sensitivity transfers are studied. The Assessment study work will continue and the ERAG Steering Committee will meet in late April finalize the ERAG 2014 Summer Assessment report.</p>



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program

RFC - NPCC Working Group

Item	Name	Assignment
RNWG	RFC-NPCC Working Group	The RFC-NPCC Working Group (RNWG), under the direction of the newly combined SERC-East and the RFC-NPCC Steering Committees (SerN SC), conducts appraisals of the RFC-NPCC interconnected systems for the upcoming summer and winter capability periods.
	Status/ Comments:	NPCC Staff is assigned to be the Report Writer for the RNWG 2014 ERAG Summer Transmission Assessment Study. The RNWG met February 2014 to set the study schedule for the 2014 Summer Assessment, which is scheduled to be completed and submitted to the ERAG Steering Committee in April 2014 and to have the report finalized and submitted to the ERAG Management Committee by May 2014.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program

NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION (NERC)

Item	Name	Assignment
RAS	Reliability Assessment Subcommittee (RAS)	Conduct an annual review of the overall reliability of the existing and planned generation and transmission systems of the eight Regional Reliability Entities for the ten year horizon. Conduct semiannual seasonal assessments of the overall reliability of the existing generation and transmission systems of the eight Regional Reliability Entities.

Status/ Comments:

The NERC RAS met February 19-20, 2014 at WECC’s Salt Lake City office to review the data requirements and schedule for the 2014 NERC Long-Term Reliability Assessment, the Summer Reliability Assessment, and the Probabilistic Assessment. Revised data forms and instructions have been posted for the 2014 NERC Long-Term Reliability Assessment and Summer Reliability Assessment. The revised instructions provide clarity and ensure alignment with the revised data forms. Other updates to the instructions were based on feedback from the Energy Information Administration (EIA) in the finalization of the 2014 Form EIA-411.

Item	Name	Assignment
RADWG	Reliability Assessment Data Working Group	Serve as the electric utility industry’s coordinator with the Department of Energy (DOE) and the Energy Information Administration (EIA) in submitting yearly data and in negotiating the requirements for data submission to the EIA.

Status/ Comments:

The development of the NERC Reliability Assessment Data System (RADS) has been suspended until 2015. The next meeting of the RADWG is scheduled for June 17-18, 2014 at the FRCC office in Tampa, FL to review 2014 NERC Reliability Assessment Subcommittee Long-Term Reliability Assessment data submittals.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program

NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION (NERC)

Item	Name	Assignment
ProbA	Probabilistic Assessment	<p>Trial assessment to determine if probabilistic reliability metrics based on the NERC Long Term Reliability Assessment can be used to supplement NERC regional reliability outlooks.</p> <p>Status/ Comments: NERC’s Generation and Transmission Reliability Planning Models Task Force (GTRPMTF) recommended the creation of an annual report summarizing a probabilistic assessment of the resource adequacy by Region across NERC. The GTRPMTF was subsequently disbanded and the Planning Committee has assigned the Reliability Assessment Subcommittee (RAS) to coordinate the assembly of this report.</p> <p>In 2011, the RAS piloted this effort to produce enhanced resource adequacy metrics for the <i>2010 Long-Term Reliability Assessment</i>. The NERC Planning Committee (PC) approved the recommendations from this report which initiates a mandatory probabilistic assessment study to be performed biennially. The Probabilistic Assessment (ProbA) Report is designed to complement the Long-Term Reliability Assessment by providing additional probabilistic statistics of Loss of Load Hours (LOLH) and Expected Unserved Energy (EUE). On September 6, 2012 NERC requested reports on the third and fifth year of the <i>2012 Long-Term Reliability Assessment</i>—for the years 2014 and 2016. NPCC satisfied these requirements through the 2012 NPCC Long Range Adequacy Overview, approved by the RCC at their February 27, 2013 meeting. The next NERC ProbA report will be based on the 2014 LTRA data.</p>

Item	Name	Assignment
TADS	Transmission Availability Data System	<p>Serve as the Regional Entity Coordinator (REC) in support of the NERC TADS outage data collection and the analysis of the NPCC Transmission Owners (TO) outage information. As the REC, oversee the use of and the data entry of automatic outage information by the TO in the NERC Internet based data management tool - webTADS.</p> <p>Status/ Comments: NPCC staff participated in the TADSWG Meeting held at NERC Atlanta, GA office to discuss TADS submittal criteria, OATI sandbox beta testing, and the TADSWG work plan for 2014. 2014. TADS Fourth Quarter data submittal was due on February 15, 2014. NPCC staff will conduct a fourth quarter review of the data entry with Transmission Owners.</p>



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program

NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION (NERC)

<u>Item</u>	<u>Name</u>	<u>Assignment</u>
DADS	Demand Availability Database System	Serve as the Regional Entity Coordinator (REC) in support of the DADS data collection and analysis for NPCC. As the REC, oversee the collection of the data in the NERC Internet based data management tool – webDADS.
	Status/ Comments:	NPCC staff participated in a DADSWG conference call on January 16, 2014, to review DADS definitions and work plan for 2014. DADS 2013 Summer data submittal was due on December 14, 2013. NPCC staff will review the Summer data entries with all participating entities.

<u>Item</u>	<u>Name</u>	<u>Assignment</u>
SEDS	Spare Equipment Data System	Serve as the Regional Entity Coordinator (REC) in support of the Spare Equipment Database and analysis for NPCC. As the REC, oversee the collection of the data in the NERC Internet based data management tool.
	Status/ Comments:	NPCC staff participated remotely on a SEDWG face-to-face meeting at NERC's Atlanta GA office on December 11, 2013. NPCC staff will be assisting NERC's effort on a voluntary survey to all the Transmission Owners for Spare Equipment Database participation.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program

NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION (NERC)

Item	Name	Assignment
GADS	Generator Availability Data System	Serve as the Regional Entity Coordinator (REC) in support of the Generator Availability data collection and Data System analysis for NPCC. As the REC, oversee the collection of the data in the NERC Internet based data management tool – webE-GADS.
	Status/ Comments:	NPCC staff participated in a GADSWG conference call on February 13, 2014, to discuss GADS dashboard and GADS Data Reporting Instructions revisions. 2014 GADS Fourth Quarter data submittal was due on February 13, 2014. NPCC staff will conduct a fourth quarter review of the data entry with Generation Owners.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Reliability Assessment and Performance Analysis Program

OTHER

<u>Item</u>	<u>Name</u>	<u>Assignment</u>
Inter-ISO	Inter-ISO Working Group	The Inter-ISO Working Group was formed to address Inter-Regional planning and Inter-Area issues of projects that have “cross border” impacts while providing an open stakeholder forum and committee structure to allow market input.
	Status/ Comments:	The next meeting (via WebEx) is scheduled for Friday, March 28, 2014.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Situation Awareness and Infrastructure Security Program TASK FORCE ON COORDINATION OF OPERATION

Item	Name	Assignment
CO-10	Operational Tools Working Group	<p>The Operational Tools Working Group (CO-10) is responsible for taking a lead role in the development of NPCC and NERC operational tools (e.g. electronic tagging, the NERC Interchange Distribution Calculator and electronic scheduling), including hardware, software and integrated systems. The Operational Tools Working Group will define the need for operational tools, evaluate the cost benefits of operational tools, coordinate their implementation within NPCC and coordinate common training in the use of operational tools.</p>
	Status/ Comments:	<p>The CO-10 Working Group has completed the latest update to the Facilitated Transaction Checkout tool incorporating intra-hour scheduling. The Working group will also be engaged in review tool failure lessons learned generated from the EAP program.</p>



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Situation Awareness and Infrastructure Security Program

TASK FORCE ON INFRASTRUCTURE SECURITY AND TECHNOLOGY

Item	Name	Assignment
IST-1	Infrastructure Security and Technology Workshop	Periodic workshops presentations to address timely issues and update member system personnel associated with the provision of on-line computer systems for operation of the power system. Last Workshop: Fall 2013
	Status/ Comments:	An update to CIP versions 4 and 5 was presented at the Fall 2013 NPCC Standards & Compliance Workshop. Another update is planned for the 2014 Spring Workshop.

Item	Name	Assignment
IST-3	TFIST EMS-SCADA Working Group	Provide a forum to identify, discuss and advance the technology of EMS-SCADA for the reliable operation of the NPCC Bulk Power System. The EMS-SCADA Working Group (IST-3) will also support TFIST in their work on issues related to EMS-SCADA.
	Status/ Comments:	The EMS-SCADA Working Group has been designed as an Ad-hoc Working Group by TFIST.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Situation Awareness and Infrastructure Security Program

TASK FORCE ON INFRASTRUCTURE SECURITY AND TECHNOLOGY

Item	Name	Assignment
IST-4	TFIST Cyber Security Working Group	Provide a forum to identify, discuss and advance the technology of Cyber Security for the reliable operation of the NPCC Bulk Power System. The Cyber Security Working Group (IST-4) will also support TFIST in their work on issues related to Cyber Security.
	Status/ Comments:	TFIST to review a draft scope at its May 2014 meeting.

Item	Name	Assignment
IST-5	TFIST Physical Security Working Group	Provide a forum to identify, discuss and advance the use of Physical Security for the reliable operation of the NPCC Bulk Power System. The Physical Security Working Group (IST-5) will also support TFIST in their work on issues related to Physical Security.
	Status/ Comments:	Per the 2014-2015 TFIST Work Plan, re-populate the Physical Security Working Group.



RELIABILITY ASSESSMENT PROGRAM HIGHLIGHTS

Administrative Services

MEMBERS' FORUMS

<u>Item</u>	<u>Name</u>	<u>Assignment</u>
General	NPCC General Meeting	To promote the reliable and efficient operation of the interconnected bulk power systems in Northeastern North America, NPCC invites high level policy makers from Federal, Provincial, and State regulatory and/or Governmental authorities and senior executives within NPCC to identify and discuss emerging issues related to the reliability of the NPCC Region.
	Status/ Comments:	The 2014 NPCC General Meeting is scheduled to be held the afternoon of December 3, 2014 in Halifax, Nova Scotia.

<u>Item</u>	<u>Name</u>	<u>Assignment</u>
Gov/Reg	NPCC Governmental Regulatory Affairs Advisory Group	To provide a forum where industry and governmental and/or regulatory representatives can exchange views and strive to develop consensus policy recommendations on reliability issues specific to the NPCC Region and share actionable information related to regional energy and reliability matters.
	Status/ Comments:	The next meeting of NPCC Governmental/Regulatory Affairs Advisory Group will be held the afternoon of December 2, 2014 in conjunction with the NPCC 2014 General Meeting in Halifax, Nova Scotia.

<u>Item</u>	<u>Name</u>	<u>Assignment</u>
PIC	Public Information Committee	To highlight and summarize NPCC activities and accomplishments and disseminate appropriate information to the media, as well as respond to related requests for information.
	Status/ Comments:	NPCC continues to participate in communications coordination with NERC and the Regions. The 2014 Media Event for the release of the 2014 NPCC Summer Reliability Assessment is scheduled for May 1, 2014.