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**RCC Meeting  
November 3 - 4, 2004  
Agenda Item 11.5**

**Northeast Power Coordinating Council  
NPCC Reliability Assessment Program  
(NRAP)  
STATUS REPORT**

*Prepared for the  
Reliability Coordinating Committee  
November 3 -4, 2004*

Distributed to:

Members, Reliability Coordinating Committee  
Members, Compliance Monitoring and Assessment Subcommittee  
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, NPCC Working Groups  
and  
NPCC Staff

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# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## BLACKOUT 2003 FOLLOW-UP

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment	Completion Date:
ARR	Area Restoration Reviews	Document and evaluate Area restoration performance following the August 14 <sup>th</sup> Blackout, assess extent and effectiveness of regional and interregional coordination and recommend potential Area Restoration Plan and/or NPCC Criteria revisions.	July 2004
<b>Status/ Comments:</b>		The Final Report of the IRCWG (CO-11), assessing the Areas' restoration experiences following the August 14 <sup>th</sup> Blackout, will be approved at the July 14 <sup>th</sup> RCC meeting. The IRCWG is currently assisting the NPCC Compliance Monitoring and Assessment Subcommittee in its evaluation of the 2003 trial program of compliance with Section 4.10 of A-03, "Emergency Operation Criteria," which defines the testing requirements for key facilities and critical components associated with restoration. The IRCWG is also working jointly with the CMAS to develop expanded compliance templates to ultimately incorporate these same testing requirements into NPCC Document A-08, "NPCC Reliability Compliance and Enforcement Program."	
<b>NPCC Contact:</b>		Jerry Mosier	

Item	Name	Assignment	Completion Date:
BIT	Blackout Investigative Team	Develop NPCC Blackout Investigation Team Regional Report to assess overall system design, evaluate system and equipment (including SPSs) performance during islanding, analyze post-islanding performance, investigate possible mitigation measures and identify next steps.	August 2004
<b>Status/ Comments:</b>		The final report of the NPCC 2003 Blackout Investigative Team (BIT), "Conclusions of the NPCC 2003 Blackout Investigative Team Assessing the Power System Collapse of August 14, 2003," was released on August 13, 2004, concluding the efforts of BIT.	
<b>NPCC Contact:</b>		Ed Schwerdt	

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## BLACKOUT 2003 FOLLOW-UP

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment	Completion Date(s):
<b>BSP</b>	Blackout Study Plan	Building on the Event Replication Study, perform additional analysis to evaluate possible risks for other system operating conditions, planned system changes, and possible system design changes.	<b>Task 1 Completed</b> <b>Task 2 November 2004</b> <b>Task 3 November 2004</b> <b>Task 4 April 2005</b> <b>Task 5 August 2005</b> <b>Task 6 November 2005</b>
	<b>Status/ Comments:</b>	The TFSS has submitted a revised multi-tasked draft scope of work for RCC review and approval at their July meeting. Task 1 – Initial Compilation of Data; Task 2 – Dynamic Replication of Events; Task 3 – Evaluation of Post-Islanding Performance; Task 4 – Evaluation of System and Equipment Performance During Island Formation; Task 5 – Evaluation of Other Potential Preventative Mitigation Measures; and Task 6- Final Report.	
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>	

Item	Name	Assignment	Completion Date:
<b>MSDTF</b>	Major System Disturbance Task Force	NPCC formed the MSDTF following the August 14th Blackout, supplementing NPCC's SS-38 Working Group with representatives from ECAR, the MISO, PJM and SERC to conduct dynamic simulation analyses of the events.	<b>December 2004</b>
	<b>Status/ Comments:</b>	The MSDTF has conducted an exhaustive study attempting to replicate the Detroit Area generators slipping poles during deceleration in order to benchmark the Ontario-Michigan and Ontario-NY Interface flows. Various modeling sensitivity tests were done to replicate the events. These had considered sensitivities to: variation of the load models, amount of load shed and turbine-governor models. The study work is moving on to complete step 2 and 3 of the TFSS Blackout work.	
	<b>NPCC Contact:</b>	<b>Paul Roman</b>	

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## BLACKOUT 2003 FOLLOW-UP

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment	Completion Date:
NERC-BOT	NERC Board Of Trustees Recommendations	Evaluate recommendations included in the report “August 14, 2003 Blackout: NERC Actions to Prevent and Mitigate the Impacts of Future Cascading Blackouts” for applicability within NPCC.	<b>December 2004</b>
	<b>Status/Comments:</b>	Monthly NPCC Task Force Chairs Conference calls have been held (last call September 8 <sup>th</sup> ). Recommendation matrix updated and status report reviewed.	
	<b>NPCC Contact:</b>	<b>Stan Kopman</b>	

Item	Name	Assignment	Latest Version:
RSPPWG	Regional Security Process Plan Working Group	Update the Regional Security Process Plan for complying with NERC established objectives for “coordinating interconnected power system operational security”.	<b>June 2004</b>
	<b>Status/ Comments:</b>	The Regional Reliability Plan was approved by the NPCC RCC, the NERC ORS and NERC OC in June 2004.	
	<b>NPCC Contact:</b>	<b>James Hartwell</b>	

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## COMPLIANCE MONITORING AND ASSESSMENT SUBCOMMITTEE

### Documents

Item	Name	Assignment	Latest Version:	
A-8	Reliability Compliance and Enforcement Program	The process and requirements are defined for compliance assessment and enforcement of selected reliability criteria and standards.	<b>Latest Version:</b>	<b>April 1, 2004</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>November 2005</b>
	<b>Status/ Comments:</b>	This document is under review.		
	<b>NPCC Contact:</b>	<b>Quoc Le</b>		

Item	Name	Assignment	Latest Version:	
B-22	Guidelines for Implementation of the Reliability Compliance and Enforcement Program (RCEP)	This document establishes the requirements and guidelines for the implementation of the Reliability Compliance and Enforcement Program (Document A-8) and the arbitration process utilizing the NPCC Policy for Alternate Dispute Resolution.	<b>Latest Version:</b>	<b>March 18, 2004</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>November 2005</b>
	<b>Status/ Comments:</b>	This document is under review.		
	<b>NPCC Contact:</b>	<b>Quoc Le</b>		

Item	Name	Assignment	Latest Version:	
C-32	Review Process for NPCC Reliability Compliance Program	This Procedure establishes the process CMAS uses to verify Area compliance to the standards that comprise the NPCC Reliability Compliance Program (RCP) or its successor program.	<b>Latest Version:</b>	<b>June 23, 2000</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>November 2003</b>
	<b>Status/ Comments:</b>	Revised C-32 was submitted to the NPCC Open Process Review. No comments were received. CMAS will submit for endorsement by the RCC at its March 2005 meeting.		
	<b>NPCC Contact:</b>	<b>Quoc Le</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment		
<b>ATCWG (CO-13)</b>	Available Transfer Capability Working Group	Review the procedures developed by the Regions (or sub-regions) for determining ATC to ensure that the procedures are in concert with the ATC Principles in NERC's June 1996 Available Transfer Capability Definitions and Determination report.	<b>2004 Budget:</b>	<b>\$5,000</b>
			<b>Expense to Date:</b> <b>Completion Date:</b>	<b>\$3,900</b> <b>December 2004</b>
<b>Status/ Comments:</b>		The CO-13 ( f/n/a/ the ATCWG) Working Group is coordinating with the Mid-West System Operator to pull in TCC-ATC information to the NPCC web-site, and also track and participate in the NERC Long-Term ATC/AFC Task Force proceedings.		

**NPCC Contact:**      **Guy Zito**

Item	Name	Assignment		
<b>CO-1</b>	Control Performance Working Group	The Working Group insures coordination between adjacent control areas in establishing interchange schedules, 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, it conducts investigations of control performance problems.	<b>2004 Budget:</b>	<b>\$25,000</b>
			<b>Expense to Date:</b>	<b>\$8,675</b>
			<b>Completion Date:</b>	<b>December 2004</b>

**Status/ Comments:**      The Control Performance Working Group has: 1) developed a merged draft of former NPCC Documents C-19 and C-20, developing the reserve product naming convention; 2) developed a new Document C-38, "Procedure for Operating Reserve Assistance", 3) monitored the implementation of the NERC ACE Diversity Interchange process, reviewing the effectiveness of the NERC Disturbance Control Standard; and 4) reviewed appropriate NERC Standard Authorization Requests.

**NPCC Contact:**      **Jerry Mosier**

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment	2004 Budget:	
CO-2	Dispatcher Training Working Group	The Working Group establishes a program for system dispatcher training relating to NPCC inter-Area matters, criteria, terminology, policies and operating instructions. It prepares and presents material at dispatcher training sessions, exchanges information on internal dispatcher training methods. The Working Group CO-2 also evaluates and propose new techniques and training aids as they become available.		<b>\$30,000</b>
			<b>Expense to Date:</b>	<b>\$7,850</b>
			<b>Next Seminar:</b>	<b>November 2004</b>
	<b>Status/ Comments:</b>	The Operator/Scheduler Training Seminar is being held on Nov. 3-4 2004 in Connecticut.		
	<b>NPCC Contact:</b>	<b>Jerry Mosier</b>		

Item	Name	Assignment	2004 Budget:	
CO-7	Operation Review Working Group	To enhance the relationship between the control room personnel and NPCC, and to insure a continued understanding and effective implementation of the criteria and guides.		<b>\$5,000</b>
			<b>Expense to Date:</b>	<b>\$0</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	The need for a reformulated Working Group is being reconsidered in light of the NERC Blackout 2003 recommendations.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		



# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment	2004 Budget:	
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 TFCO in their work on issues related to system security and the operation of the ISOs, and provide advice to the TFCO, as requested.		\$25,000
			Expense to Date:	\$10,750
			Completion Date:	December 2004
	<b>Status/ Comments:</b>	The CO-8 Working Group is currently pursuing: 1) the development of operator tutorial DVDs for all NPCC Areas to ensure that each Area operator has a wide-area perspective of the bulk electric system and a basic level of understanding of neighboring Areas; 2) closely following the development and implementation of the NERC Functional Model; 3) overseeing the development of the NPCC OSS facilitated Transaction Checkout process; and, 4) discussing the proper implementation of the NERC Energy Emergency Alert.		
	<b>NPCC Contact:</b>	Jerry Mosier		

Item	Name	Assignment	2004 Budget:	
CO-10	Operational Tools Working Group	The Operational Tools Working Group 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. CO-10 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.		\$15,000
			Expense to Date:	\$4,550
			Completion Date:	December 2004
	<b>Status/ Comments:</b>	CO-10 meetings were held in August, September and October. Facilitated Transaction Checkout has been implemented at NYISO, IMO and ISO-NE. It is in testing in Quebec and under review at the Maritimes, PJM and MISO. Presentations on Facilitated Checkout (background, benefits, process, time savings, cost savings, status) have been provided to NERC RCWG/ORS, TFCO, CO-8 and will be provided to RCC. CO-10 is addressing Blackout Recommendation 10 (existing operational tools and best practices). Direction on how to address this is being developed through the NERC Real-Time Tools Best Practices Task Force. CO-10 is represented directly on that Task Force.		
	<b>NPCC Contact:</b>	Paul Roman		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment		
CO-12	Summer Security Assessment Working Group	Review the overall reliability of the generation and transmission system in the NPCC Region for 2004 Summer.	<b>2004 Budget:</b>	<b>\$15,000</b>
			<b>Expense to Date:</b>	<b>\$5,800</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	A 2004/05 Winter Assessment is underway.		
	<b>NPCC Contact:</b>	Paul Roman		

Item	Name	Assignment		
IRCWG	Inter-Control Area Restoration Coordination Working Group	IRCWG addresses the issue of ensuring appropriate operation of key system restoration facilities and their critical components.	<b>2004 Budget:</b>	<b>\$10,000</b>
			<b>Expense to Date:</b>	<b>\$9,050</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	The report of the Inter-Control Area Restoration Coordination Working Group (CO-11), "Restoration of the NPCC Areas Following the Power System Collapse of August 14, 2003," was approved for release by the RCC at its meeting of July 14, 2004. The IRCWG is currently assisting the NPCC Compliance Monitoring and Assessment Subcommittee in its evaluation of the 2003 trial program of compliance with Section 4.10 of A-03, "Emergency Operation Criteria," which defines the testing requirements for key facilities and critical components associated with restoration. The IRCWG is also working jointly with the CMAS to develop expanded compliance templates to ultimately incorporate these same testing requirements into NPCC Document A-08, "NPCC Reliability Compliance and Enforcement Program."		
	<b>NPCC Contact:</b>	Jerry Mosier		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment	2004 Budget:	
LESPWG	Lake Erie Security Process Working Group	The Lake Erie Security Process Working Group was formed to address the charge stemming from the Northeast Power Coordinating Council Security Process Plan. The Lake Erie Security Process has established Lake Erie line loading relief procedures developed by representatives from Ontario Hydro, the New York Power Pool, the Pennsylvania-New Jersey-Maryland Interconnection Association and the Michigan Electric Coordinated Systems.		<b>\$15,000</b>
			<b>Expense to Date:</b>	<b>\$0</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	LESPWG has resumed activities and met on Sept. 10. The Working Group will provide input at FERC on a Lake Erie tag analysis study that is being conducted by FERC Staff.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION

### Documents

Item	Name	Assignment	Latest Version:	
A-3	Emergency Operation Criteria	Objectives, principles and requirements are presented that govern the Areas in formulating plans and procedures to be followed in an emergency or during conditions which could lead to an emergency.	<b>Latest Version:</b>	<b>November 14, 2002</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>August 2007</b>
	<b>Status/ Comments:</b>	A revised version of the NPCC Document A - 03, "Emergency Operation Criteria," was approved in late August. This revision includes some of the recommendations of the SS-38 Working Group from the Underfrequency Load Shedding Study. Another revision is underway to incorporate the remaining SS-38 recommendations and to address all other suggested revisions received previously.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		

Item	Name	Assignment	Latest Version:	
A-6	Operating Reserve Criteria	Objectives, principles and requirements are presented that governs the amount, availability and distribution of operation reserve.	<b>Latest Version:</b>	<b>November 14, 2002</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>November 2005</b>
	<b>Status/ Comments:</b>	The document was approved by the NPCC membership in November 2002.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		

Item	Name	Assignment	Latest Version:	
B-3	Guidelines for Inter-Area Voltage Control	Procedures and principles are established for occasions where a deficiency or an excess of reactive power can affect bulk power system voltage levels in a large portion of an Area or in two adjacent Areas.	<b>Latest Version:</b>	<b>November 6, 1997</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>June 2005</b>
	<b>Status/ Comments:</b>	The requirements of NPCC Document B-03 had been transferred to NPCC Document A-02 by NPCC Working Group CP-11. The remaining language will be established in a new "C" Document.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>B-9</b>	Guide for Rating Generating Capability	Standards for rating and verifying net generating capability are established.	<b>Latest Version:</b>	<b>November 1998</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>June 2005</b>
	<b>Status/ Comments:</b>	The requirements of NPCC Document B-09 will be transferred to an "A" document. The remaining language will be established in a new "C" Document.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>B-13</b>	Guide for Reporting System Disturbances.	This document establishes requirements and guidelines for reporting the details of a system disturbance to enable assessments and reviews of those disturbances which impact a significant part of one Area or which have inter-Area implications.	<b>Latest Version:</b>	<b>June 25, 1997</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>June 2005</b>
	<b>Status/ Comments:</b>	No need for any revisions at this time.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>C-8</b>	Monitoring Procedures for Control Performance Guide During Normal Conditions	Procedures are established for the Task Force on Coordination of Operation's monitoring and reporting of conformance of NPCC control performance during normal conditions.	<b>Latest Version:</b>	<b>March 3, 1999</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>January 2005</b>
	<b>Status/ Comments:</b>	No need for any revisions at this time.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION

### Documents

Item	Name	Assignment		
C-9	Monitoring Procedures for Operating Reserve Criteria	Procedures are established for the Control Performance Working Group's monitoring and reporting of compliance with the NPCC <i>Operating Reserve Criteria</i> .	<b>Latest Version:</b>	<b>January 29, 2004</b>
			<b>Frequency of Reviews:</b> <b>Next Review Date:</b>	<b>3 years</b> <b>January 2007</b>
	<b>Status/ Comments:</b>	A revised Document was posted as final in late 2003. No need for any revisions at this time.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		
Item	Name	Assignment		
C-11	Monitoring Procedures for Interconnected System Frequency Response	Procedures are established for monitoring and reporting the frequency responses to large generation losses.	<b>Latest Version:</b>	<b>March 25, 1998</b>
			<b>Frequency of Reviews:</b> <b>Next Review Date:</b>	<b>3 years</b> <b>September 2005</b>
	<b>Status/ Comments:</b>	No need for any revisions at this time.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		
Item	Name	Assignment		
C-12	Procedure for Shared Activation of Ten-Minute Reserve (SAR)	Procedures are established to provide for the shared activation of ten-minute reserve on an Area basis.	<b>Latest Version:</b>	<b>January 15, 2002</b>
			<b>Frequency of Reviews:</b> <b>Next Review Date:</b>	<b>3 years</b> <b>March 2007</b>
	<b>Status/ Comments:</b>	The revised Document was posted as final in February and implemented at the end of March 2004. No need for any revisions at this time.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>C-13</b>	Operational Planning Coordination	Procedures are established to coordinate the exchange of operational data, provide for the notification of planned facility outages among the Areas, and provide for formal communications among the Areas in anticipation of a period of capacity shortage or light load conditions. The document also defines the procedures for the routine NPCC conference call held weekly among the Areas.	<b>Latest Version:</b>	<b>March 15, 1997</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>June 2005</b>
	<b>Status/ Comments:</b>	The requirements of C-13 are being redirected to NPCC Document A-03, and the details of reporting are being redrafted as a new "C" Document.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>C-15</b>	Procedures for Solar Magnetic Disturbances on Electrical Power Systems	Procedures are established providing for the reporting channels and information available to the operator during solar alerts and suggesting measures that may be taken to mitigate the impact of a solar magnetic disturbance.	<b>Latest Version:</b>	<b>March 2003</b>
			<b>2004 Budget:</b>	<b>\$15,000</b>
			<b>Expense to Date:</b>	<b>\$15,000</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>March 2006</b>
	<b>Status/ Comments:</b>	The NPCC Area control rooms have implemented the software package incorporating the Solar Terrestrial Dispatch notification/alert process. No need for any revisions at this time.		
	<b>NPCC Contact:</b>	<b>Jerry Mosier</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>C-19</b>	Procedures During Shortages of Operating Reserve	This Procedure establishes specific instructions for the redistribution of Operating Reserve among the Areas when one or more Areas is experiencing an Operating Reserve deficiency.	<b>Latest Version:</b>	<b>January 18, 2000</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>September 2004</b>
	<b>Status/ Comments:</b>	A combined C-19 and C-20 Document has been approved for posting to receive comments through the NPCC Open Process review.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>C-20</b>	Procedures During Abnormal Operating Conditions	This Procedure complements the Emergency Operation Criteria by establishing specific instructions for the System Operator during emergency conditions in an NPCC Area or Areas.	<b>Latest Version:</b>	<b>March 1999</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>September 2004</b>
	<b>Status/ Comments:</b>	A combined C-19 and C-20 Document has been approved for posting to receive comments through the NPCC Open Process review.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>RD-03</b>	Procedures for Communications During Emergencies	These Procedures direct NPCC's implementation of the NERC Interregional Emergency Telephone Network. The NERC Interregional Emergency Telephone Network is utilized to convey to other reliability authorities in North America system conditions that could threaten the reliability of the interconnected bulk power supply system or the imminent shedding of firm load.	<b>Latest Version:</b>	<b>January 28, 2004</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>January 2005</b>
	<b>Status/ Comments:</b>	The Reference Documents are being converted to "C" Documents.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>TFCO</b>	Task Force Scope	The overall charge to the TFCO, together with the scope of activities, is given to the Task Force through its scope.	<b>Latest Version:</b>	<b>November 14, 2002</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>November 2005</b>
	<b>Status/ Comments:</b>	The TFCO Scope was revised in early 2004. The TFCO 2005 Work Plan has been completed.		
	<b>NPCC Contact:</b>	<b>Jerry Mosier</b>		



# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION

### Surveys/Reviews

<u>Item</u>	<u>Name</u>	<u>Assignment</u>		
<b>FNL</b>	Survey of NPCC Facilities Notification List	An annual list of NPCC transmission facilities is established based on the criterion that, if removed from service, the transmission facility may directly or indirectly impact the reliability of another Area or other Areas.	<b>Latest Version:</b>	<b>June 2004</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>January 2005</b>
	<b>Status/ Comments:</b>	The 2004 review and revision was completed and accepted at the June TFCO meeting.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF PLANNING

### Working Groups/Ad Hoc Assignments

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.	<b>2004 Budget:</b>	<b>\$60,000</b>
			<b>Expense to Date:</b>	<b>\$8,429</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	At their September 28 <sup>th</sup> meeting, the TFCP approved the Working Group's Summer 2005 Multi-Area Probabilistic Reliability Assessment Scope and Schedule; it will be presented to the RCC for approval at their November meeting. The Review of Interconnection Assistance Reliability Benefits and the Ontario Area Interim Review of Resource Adequacy was approved by the RCC at their July meeting.		
	<b>NPCC Contact:</b>	<b>Phil Fedora</b>		

Item	Name	Assignment		
CP-9	Review of NERC Planning Standards Working Group	Review the Phase I NERC Planning Standards that have been placed into final NERC due process. Recommend changes to those NERC Planning Standards that are scheduled for implementation in latter phases of the NERC Compliance Program. Review the Standards Authorization Requests and Reliability Standards as well as participate in the NERC process. Educate and inform NPCC membership of developments.	<b>2004 Budget:</b>	<b>\$25,000</b>
			<b>Expense to Date:</b>	<b>\$12,450</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	The CP-9 Working Group is focusing on the review of NERC Planning Standards and new NERC Reliability Standards (as they are developed) and is developing recommendations for the membership on ballots as they transpire. CP-9 has also commented on increased reporting requirements proposed by the DOE Energy Information Administration.		
	<b>NPCC Contact:</b>	<b>Guy Zito</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF PLANNING

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment		
CP-10	Collaborative Planning Initiative	The CP10 Working Group is tasked with determination of the effects of proposed new generation and transmission in the year 2006. The group will initially be studying the effects the additions have on existing bottlenecks as well as any new ones. The study will then focus on various scenarios as defined by working group members to determine the impacts on those bottlenecks identified. Possible future study this group will undertake could involve proposing solutions to the problem bottlenecks.	<b>2004 Budget:</b>	<b>\$10,000</b>
			<b>Expense to Date:</b>	<b>\$0</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	Phase 1 of the study was approved by the RCC in March identifying approximately 50 transmission bottlenecks for a 2006 study year. Phase 2 of the study is currently underway which will prioritize those bottlenecks found in Phase 1 and will be presented to the RCC for approval at their July 2004 meeting.		
	<b>NPCC Contact:</b>	<b>Guy Zito</b>		

Item	Name	Assignment		
CP-11	Review of A-2 Criteria Working Group	This Working Group is charged with the revision of the NPCC Basic Design Criteria Document A-02 and the NPCC Glossary of Terms Document A-07. The review is currently underway and scheduled for submittal to the RCC for approval at their November 2003 meeting.	<b>2004 Budget</b>	<b>\$10,000</b>
			<b>Expense to Date:</b>	<b>\$450</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	The CP-11 Working Group met on October 7 <sup>th</sup> and reviewed the current NPCC Bulk Power System (BPS) definition and agreed that it is appropriate. CP-11 agreed to develop a methodology for determining elements of the BPS as currently defined. The next meeting is scheduled for November 12, 2004.		
	<b>NPCC Contact:</b>	<b>Stan Kopman</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF PLANNING

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment		
CP- 2004	Summer 2004 Multi-Area Probabilistic Reliability Assessment	Assess NPCC Area reliability for the year 2004 by estimating the annual Loss of Load Expectation (LOLE) and projected use of Area Operating Procedures designed to mitigate resource shortages for the summer (May through September) period.	<b>2004 Budget:</b>	<b>\$55,000</b>
			<b>Expense to Date:</b>	<b>\$21,250</b>
			<b>Completion Date:</b>	<b>May 2004</b>
	<b>Status/ Comments:</b>	The study was completed on time and approved by the TFCP on April 27 <sup>th</sup> ; public release of results was held by a NPCC Media Event on May 5 <sup>th</sup> .		
	<b>NPCC Contact:</b>	<b>Phil Fedora</b>		

Item	Name	Assignment		
CP- TIE	Review of Interconnection Assistance Reliability Benefits	On a consistent basis, estimate the amount of interconnection assistance available to the NPCC Areas for today's system and for the near term (2006).	<b>2004 Budget:</b>	<b>\$25,000</b>
			<b>Expense to Date:</b>	<b>\$45,029</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	The report was approved by the RCC at their July meeting. At the request of New Brunswick, the TFCP asked the CP-8 Working Group to study the impact of the proposed second NE-NB tie line by the end of the year.		
	<b>NPCC Contact:</b>	<b>Phil Fedora</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF PLANNING Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>JGWG</b>	Joint Glossary Working Group	Maintain the NPCC Glossary of Terms (Document A-7) and to expand the Glossary to include new terms as necessary.	<b>2004 Budget:</b>	<b>\$5,000</b>
			<b>Expense to Date:</b>	<b>\$0</b>
			<b>Next Review Date:</b>	<b>December 2004</b>
	<b>Status/Comments:</b>	This activity has been taken over by the CP-11 Working Group.		
	<b>NPCC Contact:</b>	<b>Stan Kopman</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>RPF</b>	Regional Planning Forum	The objective of the RPF is to explore innovative approaches to enhancing the capabilities of the transmission grid from a Wide-Area, trans-regional outlook.	<b>2004 Budget</b>	<b>\$50,000</b>
			<b>Expense to Date:</b>	<b>\$3,827</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	PowerWorld Corp. conducted a training session for Simulator version 10 on July 7-8 at NPCC. New York ISO, ISO New England and NPCC staff attended.		
	<b>NPCC Contact:</b>	<b>Phil Fedora</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF PLANNING Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>A-1</b>	Criteria for Review and Approval of Documents	Criteria outlines the review and approval procedures for all NPCC documents.	<b>Latest Version:</b>	<b>March 1997</b>
			<b>Frequency of Reviews:</b>	<b>4 years</b>
			<b>Next Review Date:</b>	<b>November 2004</b>
	<b>Status/ Comments:</b>	The TFCP prepared revisions to this document in 2004, and will be presenting a revised document to the RCC for approval in November.	<b>Completion Date:</b>	<b>December 2004</b>
	<b>NPCC Contact:</b>	<b>Guy Zito</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>A-2</b>	Basic Criteria for Design and Operation of Interconnected Power Systems	Criteria are established for proper design and operation concerning Resource Adequacy and Transmission Capability.	<b>Latest Version:</b>	<b>May 6, 2004</b>
			<b>Frequency of Reviews:</b>	<b>4 years</b>
			<b>Next Review Date:</b>	<b>November 2007</b>
			<b>Completion Date:</b>	<b>May 2004</b>
	<b>Status/ Comments:</b>	The NPCC Membership approved the A-2 document May 6, 2004.		
	<b>NPCC Contact:</b>	<b>Stan Kopman</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>A-7</b>	NPCC Glossary of Terms	The NPCC Glossary of Terms (the Glossary) includes terms from NPCC Criteria (A), Guideline (B) and Procedure (C) Documents, as well as the North American Electric Reliability Council (NERC) Glossary of Terms, August 1996.	<b>Latest Version:</b>	<b>September 1998</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	This document is currently being reviewed by the CP-11 Working Group.		
	<b>NPCC Contact:</b>	<b>Stan Kopman</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF PLANNING

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>B-8</b>	Guidelines for Area Review of Resource Adequacy	Guidelines to help TFCP ascertain that each Area's resource plan is in accordance with the NPCC "Basic Criteria for Design and Operation of Interconnected Power Systems."	<b>Latest Version:</b>	<b>June 28, 2001</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>June 2004</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	The TFCP is will be reviewing the need to revise this document in 2004.		
	<b>NPCC Contact:</b>	<b>Guy Zito</b>		
<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>C-16</b>	Procedure for NPCC Review of New or Modified Bulk Power System Special Protection Systems	This document outlines procedures for reporting new or modified Bulk Power System Special Protection Systems.	<b>Latest Version:</b>	<b>September 28, 1995</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>December 2003</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	The TFCP is currently reviewing the comments from the NPCC Open process review and is coordinating those changes.		
	<b>NPCC Contact:</b>	<b>Guy Zito</b>		
<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>TFCP</b>	Task Force Scope	The Task Force on Coordination of Planning scope of activities.	<b>Latest Version:</b>	<b>February 26, 1997</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	The TFCP is currently reviewing the need to revise this document in 2004.		
	<b>NPCC Contact:</b>	<b>Guy Zito</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF PLANNING

### Surveys/Reviews

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>MARA</b>	Resource Adequacy — Coordination and Review of Area Studies	Review of the Maritime Area resource adequacy study.	<b>Latest Version:</b>	<b>December 2001</b>
			<b>Frequency of Next Review Date:</b>	<b>3 years 2004</b>
	<b>Status/ Comments:</b>	The Maritimes Area Triennial Review of Resource Adequacy is expected to be presented at the March RCC meeting.		
	<b>NPCC Contact:</b>	<b>Phil Fedora</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>NERA</b>	Resource Adequacy — Coordination and Review of Area Studies	Review of the New England Area resource adequacy study.	<b>Latest Version:</b>	<b>October 2002</b>
			<b>Frequency of Reviews: Next Review Date:</b>	<b>3 years 2005</b>
	<b>Status/ Comments:</b>	New England's Interim Resource Adequacy Review is expected to be presented at the March RCC meeting.		
	<b>NPCC Contact:</b>	<b>Phil Fedora</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>NYRA</b>	Resource Adequacy — Coordination and Review of Area Studies	Review of the New York Area resource adequacy study.	<b>Latest Version:</b>	<b>July 2002</b>
			<b>Frequency of Reviews: Next Review Date:</b>	<b>3 years 2005</b>
	<b>Status/ Comments:</b>	New York's Interim Resource Adequacy Review is expected to be presented at the March RCC meeting.		
	<b>NPCC Contact:</b>	<b>Phil Fedora</b>		



# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF PLANNING

### Surveys/Reviews

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>QARA</b>	Resource Adequacy — Coordination and Review of Area Studies	Review of the Québec Area resource adequacy study.	<b>Latest Version:</b>	<b>October 2002</b>
			<b>Frequency of reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>2005</b>
	<b>Status/ Comments:</b>	The Québec Triennial Review of Resource Adequacy was approved at the November 2002 RCC meeting. Québec's Interim Resource Adequacy Review is expected to be presented at the March RCC meeting.		
	<b>NPCC Contact:</b>	<b>Phil Fedora</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>ONRA</b>	Resource Adequacy — Coordination and Review of Area Studies	Review of the Ontario Area resource adequacy study.	<b>Latest Version:</b>	<b>July 2003</b>
			<b>Frequency of</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>2006</b>
	<b>Status/ Comments:</b>	The Ontario Area Triennial Review of Resource Adequacy was approved at the July 2003 RCC meeting. Ontario's Interim Resource Adequacy Review was presented at the July RCC meeting.		
	<b>NPCC Contact:</b>	<b>Phil Fedora</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>SPS</b>	Special Protection System List	This document lists Special Protection Systems on the System.	<b>Latest Version:</b>	<b>June 2003</b>
			<b>Frequency of</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>June 2004</b>
	<b>Status/ Comments:</b>	The SPS list will be presented to the RCC at its November meeting.		
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON INFRASTRUCTURE SECURITY AND TECHNOLOGY

### Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>CIPC</b>	Correspondence national groups associated with infrastructure security	Monitor NERC CIPC efforts.	<b>Latest Review:</b>	<b>September 2004</b>
			<b>Frequency of Reviews:</b>	<b>As needed</b>
	<b>Status/ Comments:</b>	The majority of efforts in this area are currently being directed at participation in the NERC Critical Infrastructure Protection Committee (CIPC) efforts.		
	<b>NPCC Contact:</b>	<b>Brian Hogue</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>ISTWG</b>	Infrastructure Security and Technology Working Group	Periodic workshop to address timely issues and update member personnel associated with infrastructure security and technology.	<b>2004 Budget:</b>	<b>\$5,000</b>
			<b>Expense to Date:</b>	<b>\$0</b>
			<b>Last Workshop:</b>	<b>October 26-27 2004</b>
	<b>Status/ Comments:</b>	A workshop was held October 26-27, 2004 in Boston.		
	<b>NPCC Contact:</b>	<b>Frantz Roc</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON INFRASTRUCTURE SECURITY AND TECHNOLOGY

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>B-12</b>	Guidelines for On-Line Computer System Performance During Disturbances	This document establishes guidelines for the performance of NPCC Area on-line computer systems during a power system disturbance.	<b>Latest Version:</b>	<b>November 2001</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>September 2005</b>

**Status/ Comments:** This document is currently being reviewed by TFIST.

**NPCC Contact:** Frantz Roc

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>C-17</b>	Monitoring Procedures for Guidelines for On-Line Computer System performance during disturbances	This document establishes monitoring and reporting procedures for the B-12 Guideline, and specifically details on-line computer response objectives.	<b>Latest Version:</b>	<b>September 2001</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>September 2005</b>

**Status/ Comments:** This document is currently being reviewed by TFIST.

**NPCC Contact:** Frantz Roc

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>TFIST</b>	Task Force Scope	This document outlines the Task Force on Infrastructure Security and Technology scope of activities.	<b>Latest Review</b>	<b>March 2003</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>June 2005</b>

**Status/ Comments:** Scope of Work for the Task Force on Infrastructure Security and Technology was reviewed and approved at the March 2003 RCC meeting. This scope is being reviewed.

**NPCC Contact:** Frantz Roc

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON INFRASTRUCTURE SECURITY AND TECHNOLOGY

### Surveys/Reviews

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>RAD</b>	Review of NPCC Area disturbances	Review of on-line computer system performance during disturbances, as required by Document B-12.	<b>Latest Review</b>	<b>March 2004</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
	<b>Status/ Comments:</b>	The C-17 guidelines were used to gather information following the August 14 <sup>th</sup> Blackout, a report was presented to the RCC at their November meeting. No need to review unless it affects security/reliability.		
	<b>NPCC Contact:</b>	<b>Frantz Roc</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>ROC</b>	Review On-Line Computer System Status Reports	Review of member on-line computer system statuses and plans.	<b>Latest Review:</b>	<b>March 2004</b>
			<b>Frequency of Reviews:</b>	<b>As needed</b>
	<b>Status/ Comments:</b>	The TFIST will be determining the need to review these reports. No need to review unless it affects security/reliability.		
	<b>NPCC Contact:</b>	<b>Frantz Roc</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM PROTECTION

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment		
PSMP	Protection System Maintenance Practices	As required to support analysis, collect Bulk Power system protection system maintenance data to evaluate protection system maintenance costs and the impact on Bulk Power System performance due to alternative methods and intervals for protection system maintenance.	<b>Latest Version:</b>	<b>January 2004</b>
			<b>Frequency of Reviews:</b>	<b>3 months</b>
	<b>Status/ Comments:</b>	The TFSP will initiate when conditions warrant.		
	<b>NPCC Contact:</b>	<b>Quoc Le</b>		

Item	Name	Assignment		
SEDRWG	Synchronized Event Data Reporting Working Group	Investigate the area of synchronized event reporting and make recommendations for improvements to NPCC criteria and other NPCC documents so that NPCC might be able to quickly establish the sequence of events after any future wide-Area disturbance.	<b>2004 Budget:</b>	<b>\$12,000</b>
			<b>Expense to Date:</b>	<b>\$4,650</b>
			<b>Completion Date:</b>	<b>April 2005</b>
	<b>Status/ Comments:</b>	The SEDRWG has developed a draft report that provides background materials, identifies issues and makes recommendations. A report will be presented at the RCC November 3-4, 2004 meeting.		
	<b>NPCC Contact:</b>	<b>Quoc Le</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM PROTECTION

### Documents

Item	Name	Assignment		
A-4	Maintenance Criteria for Bulk Power System Protection	This document establishes the maintenance interval and practices which should result in dependable and secure protection system operation.	<b>Latest Version:</b>	<b>August 2004</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>December 2007</b>
	<b>Status/ Comments:</b>	Revised A-4 has been approved by the Members on August 30, 2004.		
	<b>NPCC Contact:</b>	<b>Quoc Le</b>		

Item	Name	Assignment		
A-5	Bulk Power System Protection Criteria	This document establishes the minimum design objectives and recommends design practices to minimize the severity and extent of system disturbances and to minimize possible damage to system equipment.	<b>Latest Version:</b>	<b>November 14, 2002</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>November 2005</b>
	<b>Status/ Comments:</b>	At is November 2002 meeting, the TFSP agreed, for the next review A-5, to incorporate the frame ground relay and breaker failure relay, to clarify that they both cannot be disabled by a single event. This document is under review.		
	<b>NPCC Contact:</b>	<b>Quoc Le</b>		

Item	Name	Assignment		
A-11	Special Protection System Criteria	This document establishes the protection criteria, and recommends minimum design objectives and practices for Special Protection Systems (SPSs). The SPS is categorized according to the Criteria fault for which it is designed and the impact its failure would have on the network.	<b>Latest Version:</b>	<b>November 14, 2002</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>November 2005</b>
	<b>Status/ Comments:</b>	This document is under review.		
	<b>NPCC Contact:</b>	<b>Quoc Le</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM PROTECTION

### Documents

Item	Name	Assignment	Latest Version:	
B-1	Guide for the Application of Autoreclosing to the Bulk Power System	This document establishes guidelines for automatic reclosing to facilitate restoration of the system to normal following automatic tripping of transmission facilities.	<b>Latest Version:</b>	<b>November 14, 2002</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>November 2005</b>
	<b>Status/ Comments:</b>	This document is under review.		
	<b>NPCC Contact:</b>	<b>Quoc Le</b>		

Item	Name	Assignment	Latest Version:	
B-7	Automatic Underfrequency Load Shedding Program Relaying Guideline	This guideline establishes requirements for application and testing of underfrequency threshold relays that are necessary to accomplish the objectives of the NPCC automatic underfrequency load shedding program established in the Emergency Operation Criteria (Document A-3).	<b>Latest Version:</b>	<b>November 14, 2002</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>November 2005</b>
	<b>Status/ Comments:</b>	This document is under review.		
	<b>NPCC Contact:</b>	<b>Quoc Le</b>		

Item	Name	Assignment	Latest Version:	
B-21	Guide for Analysis and Reporting of Protection System Misoperations	This document defines the analysis and reporting requirements for misoperations of protection systems and special protection systems on the bulk power systems within each of the NPCC Areas.	<b>Latest Version:</b>	<b>July 14, 2004</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>July 2007</b>
	<b>Status/ Comments:</b>	B-21 was approved by the RCC at its July meeting.		
	<b>NPCC Contact:</b>	<b>Quoc Le</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM PROTECTION

### Documents

Item	Name	Assignment	Latest Version:	
<b>B-23</b>	Guide for Maintenance of Microprocessor-based Protection Relays	This document provides guidance for the maintenance of microprocessor-based relays.	<b>Latest Version:</b>	<b>July 14, 2002</b>
			<b>Frequency of Reviews:</b>	<b>3 Years</b>
			<b>Next Review Date:</b>	<b>July 2007</b>
	<b>Status/ Comments:</b>	This is a new document approved by the RCC at its July meeting.		
	<b>NPCC Contact:</b>	<b>Quoc Le</b>		

Item	Name	Assignment	Latest Version:	
<b>B-24</b>	Security Guidelines for Protection Systems IEDS	This document provides guidance for member systems in designing and applying remote access for protective relays And associated equipment that have remote access capability.	<b>Latest Version:</b>	<b>July 14, 2002</b>
			<b>Frequency of Reviews:</b>	<b>3 Years</b>
			<b>Next Review Date:</b>	<b>July 2007</b>
	<b>Status/ Comments:</b>	This is a new document approved by the RCC at its July meeting.		
	<b>NPCC Contact:</b>	<b>Quoc Le</b>		

Item	Name	Assignment	Latest Version:	
<b>C-22</b>	Procedure for Reporting and Reviewing Proposed Protection Systems for the Bulk Power System	This procedure indicates how new facilities or modifications to existing facilities are to be presented to the TFSP in order to ascertain compliance with the principles of the Protection Criteria.	<b>Latest Version:</b>	<b>November 14, 2002</b>
			<b>Frequency of Reviews:</b>	<b>3 Years</b>
			<b>Next Review Date:</b>	<b>November 2005</b>
	<b>Status/ Comments:</b>	This document is under review.		
	<b>NPCC Contact:</b>	<b>Quoc Le</b>		



# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM PROTECTION

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>	<b>Latest Version:</b>	<b>Frequency of Reviews:</b>	<b>Next Review Date:</b>
<b>C-30</b>	Procedure for Task Force on System Protection Review of Disturbances	This document outlines the process the TFSP follows to review and analyze the performance of protection systems following selected major power system events, inside as well as outside NPCC.	<b>November 14, 2002</b>	<b>3 Years</b>	<b>November 2005</b>
	<b>Status/ Comments:</b>	This document is due for review in 2005.			
	<b>NPCC Contact:</b>	<b>Quoc Le</b>			

<b>Item</b>	<b>Name</b>	<b>Assignment</b>	<b>Latest Version:</b>	<b>Frequency of Reviews:</b>	<b>Next Review Date:</b>
<b>TFSP</b>	Task Force Scope	This document outlines the Task Force on System Protection scope of activities.	<b>November 14, 2002</b>	<b>3 Years</b>	<b>November 2005</b>
	<b>Status/ Comments:</b>	This document is due for review in 2005.			
	<b>NPCC Contact:</b>	<b>Quoc Le</b>			

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM PROTECTION

### Surveys/Reviews

<b>Item</b>	<b>Name</b>	<b>Assignment</b>	<b>Latest Version:</b>	<b>September 2004</b>
RPS	Review protection systems for proposed installations or existing installations undergoing substantial modifications	Review, in accordance with the Procedure for Reporting and Reviewing Proposed Protection Systems for the Bulk Power System (Document C-22) proposed protection systems, including special protection systems, for new major installations as well as existing installations undergoing substantial modifications, before such facilities are constructed or modified and report on the findings with respect to compliance with the NPCC Bulk Power System Protection Criteria (Document A-5) and Special Protection System Criteria (Document A-11).	<b>Frequency of Reviews:</b>	<b>3 months</b>
<b>Status/ Comments:</b>		At each meeting, the TFSP discusses protection system changes, including SPS installations and modifications, as proposed by entities within NPCC.		
<b>NPCC Contact:</b>		<b>Quoc Le</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>	<b>Latest Version:</b>	<b>September 2004</b>
RPSP	Review protection system performance following major system events or disturbances	In conjunction with other task forces, review and analyze the detailed performance of protection systems following major power system disturbances and events and participate in the preparation of reports, which would include appropriate recommendations.	<b>Frequency of Reviews:</b>	<b>3 months</b>
<b>Status/ Comments:</b>		At each meeting, TFSP discusses system disturbances that have been reported to NPCC and/or NERC, and disturbances reported directly by the member systems to determine if any changes are necessary in the NPCC protection criteria.		
<b>NPCC Contact:</b>		<b>Quoc Le</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM STUDIES

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment		
<b>SS-37</b>	Base Case Development Working Group	On an annual basis, develop a library of solved load flow cases and associated dynamic data.	<b>2004 Budget:</b>	<b>\$10,000</b>
			<b>Expense to Date:</b>	<b>\$4,350</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	Year 2003 Base Case Development effort is complete and Year 2004 development is currently underway.		
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		

Item	Name	Assignment		
<b>SS-38</b>	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.	<b>2004 Budget:</b>	<b>\$20,000</b>
			<b>Expense to Date:</b>	<b>\$12,550</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	The implementation of the UFLS Report recommendations are being coordinated by the TFCP. Work on the TFSS Blackout 2003 Study is on-going.		
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM STUDIES

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>B-4</b>	Guidelines for NPCC Area Transmission Reviews	Guidelines to help TFSS ascertain that each Area's transmission expansion plan, based on its proposed generation additions, has been developed in accordance with the NPCC "Basic Criteria for Design and Operation of Interconnected Power Systems."	<b>Latest Version:</b>	<b>November 7, 2001</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>November 2004</b>
	<b>Status/ Comments:</b>	TFSS to review need to update document in 2004. Under review.		
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>B-10</b>	Guidelines for Requesting Exclusions to Section 5.1 (B) and 6.1 (B) of the NPCC "Basic Criteria for Design and Operations of Interconnected Power Systems"	Establishes procedures for requesting exclusion from certain contingencies in the Basic Criteria.  Note: Member Representatives shall be advised of approvals by the Reliability Coordinating Committee of applications for exclusions.	<b>Latest Version:</b>	<b>November 2002</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>November 2005</b>
	<b>Status/ Comments:</b>	The document has completed the NPCC Open Process review and was approved at the November 2002 RCC meeting.		
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>C-18</b>	Procedure for Testing and Analysis of Extreme Contingencies	This document establishes a procedure for the testing and analysis of Extreme Contingencies.	<b>Latest Version:</b>	<b>January 1999</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>January 2004</b>
	<b>Status/ Comments:</b>	This document is currently under review.		
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM STUDIES

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>C-25</b>	Procedure to Collect Real Time Data for Inter-Area Dynamic Analysis	This document establishes a procedure for the collection of real time data following a power system disturbance for the purpose of analyzing the dynamic performance of the NPCC bulk power system.	<b>Latest Version:</b>	<b>May 5, 2001</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>June 2004</b>
	<b>Status/ Comments:</b>	TFSS to review need to update document in 2004.		
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>TFSS</b>	Task Force Scope	The Task Force on System Studies scope of activities.	<b>Latest Version:</b>	<b>February 2003</b>
			<b>Frequency of</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>January 2006</b>
	<b>Status/ Comments:</b>	2005 TFSS Scope to be presented at the November RCC meeting.		
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM STUDIES

### Surveys/Reviews

<u>Item</u>	<u>Name</u>	<u>Assignment</u>		
ALSP	Adequacy of Automatic Load Shedding Programs	Assessment of the adequacy and suitability of existing underfrequency load shedding settings.	<b>Latest Version:</b>	<b>August 31, 2004</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Completion Date:</b>	<b>March 2007</b>
	<b>Status/ Comments:</b>	A final UFLS report was completed and was approved at the RCC in March 2003. The implementation of the recommendations from the report will be coordinated by the TFCP and have been incorporated into a revised Document A-3 that was approved by the RCC in July and the Membership in August.		
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		

<u>Item</u>	<u>Name</u>	<u>Assignment</u>		
DARD	Review of Dynamic Analysis Recording Devices	This review summarizes the characteristics of recording devices used to capture power system dynamic phenomena.	<b>Latest Version:</b>	<b>June 4, 1999</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>June 2004</b>
	<b>Status/ Comments:</b>	The SS-38 Working Group is currently conducting the Survey. On hold pending Blackout 2003 study.		
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		

<u>Item</u>	<u>Name</u>	<u>Assignment</u>		
MATR	Maritimes Area Transmission Review	Review of Maritimes Area (New Brunswick and Nova Scotia) future transmission plans (4-6 years out).	<b>Latest Version:</b>	<b>March 2003</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>November 2004</b>
	<b>Status/ Comments:</b>	Interim Review under way. Will be presented to the RCC for approval at their November meeting.		
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM STUDIES

### Surveys/Reviews

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>NETR</b>	New England Area Transmission Review	Review of New England Area future transmission plans (4-6 years out).	<b>Latest Version:</b>	<b>September 2002</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>September 2004</b>
			<b>Status/ Comments:</b>	A Comprehensive Review is currently underway.
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		
<b>NYTR</b>	New York Area Transmission Review	Review of New York Area future transmission plans (4-6 years out).	<b>Latest Version:</b>	<b>March 2003</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>March 2004</b>
			<b>Status/ Comments:</b>	An Intermediate Review is currently underway.
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		
<b>ONTR</b>	Area Transmission Review	Review of Ontario Area future transmission plans (4-6 years out).	<b>Latest Version:</b>	<b>December 2002</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>December 2004</b>
			<b>Status/ Comments:</b>	An Interim Review currently underway.
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM STUDIES

### Surveys/Reviews

Item	Name	Assignment		
QATR	Québec Area Transmission Review	Review of Québec Area future transmission plans (4-6 years out).	<b>Latest Version:</b>	<b>November 2002</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	An Interim Review will be presented for approval at the November RCC meeting.		
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		

Item	Name	Assignment		
TRS	Transmission Reliability Study	Evaluate the need to perform an overall assessment to evaluate the thermal, and dynamic performance of the NPCC Region. If necessary perform this assessment including the calculation of Inter-Area transfer capabilities and Extreme contingency performance.	<b>Latest Version:</b>	<b>May 2002</b>
			<b>2004 Budget:</b>	<b>\$50,000</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Completion Date:</b>	<b>May 2005</b>
			<b>Expense to Date:</b>	<b>\$0</b>
	<b>Status/ Comments:</b>	The SS-37 Working Group has been assigned to conduct the 2004 Overall Transmission Reliability Study. The Study will simulate contingencies in each of the NPCC Areas plus PJM and ECAR to determine the overall robustness of the system. Currently underway.		
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		



# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## MACC - ECAR - NPCC (MEN)

### Study Committees

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>MEN SC</b>	MEN Study Committee	The MEN Study Committee directs the activities of the MEN Operating Studies and Future Systems Working Groups and reports to the Joint Interregional Review Committee (JIRC) on study activities and other interregional matters of interest.	<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	The 2004/05 Winter MEN Assessment has been completed. The Assessment included the addition of ComEd to the PJM Market via a 500 MW west to east transmission reservation modeled in the studies. The Assessment conducted sensitivities of the effects of AEP and Dayton P&L entering the PJM Market plus the impacts to transfer capabilities of the 3 Michigan-Ontario Phase angle regulators controlling and not controlling interface power flow levels.		
	<b>NPCC Contact:</b>	<b>Paul Roman</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## MACC - ECAR - NPCC (MEN)

### Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>MEN</b>	MAAC-ECAR-NPCC Working Group	The MEN Operating Studies Working Group, under the direction of the MEN Study Committee, conducts appraisals of the MAAC-ECAR-NPCC (MEN) interconnected systems for expected summer and winter periods.	<b>2004 Budget:</b>	<b>\$10,000</b>
			<b>Expense to Date:</b>	<b>\$4,300</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	NPCC is conducting the testing for 2004/05 Winter study. The study is complete. The report will be presented to the JIRC in November.		
	<b>NPCC Contact:</b>	<b>Donal Kidney/Paul Roman</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL (NERC)

### Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>	<b>Completion Date:</b>
CCC	Compliance and Certification Committee	Develop positions related to the NERC Compliance program.	<b>December 2004</b>
<b>Status/ Comments:</b>		Developing appeals processes for the NERC Compliance Program and Regional/NERC Readiness Review Program. Forming Joint SAC/CCC Task Force to outline compliance requirements for Version "0" Standards.	
<b>NPCC Contact:</b>		<b>Stan Kopman</b>	

<b>Item</b>	<b>Name</b>	<b>Assignment</b>	<b>Completion Date:</b>
GAS	Gas/Electric Interdependency Task Force	Determine the interdependency between gas pipeline operation and planning to future electric system operation and planning reliability over the next ten years.	<b>June 2004</b>
<b>Status/Comments:</b>		Task Force report was approved by the NERC BOT at their June 15 <sup>th</sup> meeting. NERC PC in the process of addressing the Recommendations.	
<b>NPCC Contact:</b>		<b>Phil Fedora</b>	

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL (NERC)

### Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>MMWG</b>	Multiregional Modeling Working Group	Develop a library of solved load flow and dynamic simulation models for use by the Regions and their member systems in planning and evaluating future systems and current operating conditions.	<b>2004 Budget:</b>	<b>\$5,000</b>
			<b>Expense to Date:</b>	<b>\$0</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	The MMWG was directed to review and update the existing data release policies for power flow and dynamic data and models. MMWG is assembling twelve load flow models that constitute the 2005 base case library and five dynamics library cases. Development is currently on schedule.		
	<b>NPCC Contact:</b>	<b>Donal Kidney</b>		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>NERC-ISN</b>	Interregional Security Network (ISN)	The ISN allows for the exchange of security data between Security Coordination Centers.	<b>2004 Budget:</b>	<b>\$120,000</b>
			<b>Expense to Date:</b>	<b>\$108,209</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	Expense represents monthly NERC network charge to provide ISN services for ISO New England, the New York ISO, the IMO and TransÉnergie and New Brunswick.		
	<b>NPCC Contact:</b>	<b>Frantz Roc</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL (NERC)

### Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>	<b>Latest Version:</b>	<b>September 2004</b>
<b>RAS</b>	Reliability Assessment Subcommittee (RAS)	Conduct an annual review of the overall reliability of the existing and planned generation and transmission systems of the ten Regional Reliability Councils for the ten year horizon. Conduct semiannual seasonal assessments of the overall reliability of the existing generation and transmission systems of the ten Regional Reliability Councils.	<b>Frequency of Reviews:</b>	<b>six months</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	The winter 2004 Assessment will be released in mid- November, 2004. The 2004 Long-Term Reliability Assessment was released in September 2004.		
	<b>NPCC Contact:</b>	<b>Jerry Mosier</b>		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## OTHER

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment		
<b>DCWG</b>	Data Coordination 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.	<b>2004 Budget:</b>	<b>\$5,000</b>
			<b>Expense to Date:</b>	<b>\$3,025</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	Currently under development is an EIA Form 411 data collection system that will be internet based. The DCWG commented on the proposed expansion of the EIA 411 data collection effort to the OMB (Office of Management and Budget) in October 2004.		
	<b>NPCC Contact:</b>	<b>Guy Zito</b>		

Item	Name	Assignment		
<b>Inter-ISO</b>	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.	<b>2004 Budget:</b>	<b>\$5,000</b>
			<b>Expense to Date:</b>	<b>\$0</b>
			<b>Completion Date:</b>	<b>December 2004</b>
	<b>Status/ Comments:</b>	The Working Group has developed a Northeastern Planning Protocol document that outlines how Inter-Regional planning will be done. All NPCC Areas and PJM are involved with the effort. The document is currently in its final stage of execution by NY, New England, and PJM and has been presented to the respective Area's stakeholders. NPCC has developed and is maintaining a website for the effort.		
	<b>NPCC Contact:</b>	<b>Guy Zito</b>		