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**RCC Meeting  
November 4-5, 2003  
Agenda Item 9.0**

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

**STATUS REPORT**

*Prepared for the  
Reliability Coordinating Committee  
November 4-5, 2003*

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

**NPCC RELIABILITY ASSESSMENT PROGRAM**

**STATUS REPORT**

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# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## COMPLIANCE MONITORING AND ASSESSMENT SUBCOMMITTEE - QL

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>A-8</b>	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>November 2001</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>November 2003</b>

QL **Status/ Comments:** Additional proposed revisions have been posted for the NPCC Open Process review.

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>B-22</b>	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>November 9, 2000</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>November 2003</b>

QL **Status/ Comments:** NPCC Open Process review completed. Proposed revision will be submitted along with Document A-8 for approval at the March 2004 RCC meeting.

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>C-32</b>	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>

QL **Status/ Comments:** CMAS initiated a review of this document. Proposed revisions will be submitted in the NPCC Open Process In November 2003.

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION - JGM

### Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
CO-10	Operational Tools Working Group	The system 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 System 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.	<b>2003 Budget:</b>	<b>\$15,000</b>
			<b>Expense to Date:</b>	<b>\$1,950</b>
			<b>Completion Date:</b>	<b>December 2003</b>
PAR	<b>Status/ Comments:</b>	The facilitated Check Out process, being designed and developed by the New York ISO, is being coordinated through the CO-10 Working Group. The facilitated Check Out tool provides direct data exchange between ISOs to greatly streamline and speed up the transaction check out process. Meetings were held on July 8 <sup>th</sup> and September 9 <sup>th</sup> . The July meeting included OATI and addressed related OATI tools; the September meeting included the Mid-West ISO. The next meeting will be held on November 6-7.		

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
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>November 2005</b>
PAR	<b>Status/ Comments:</b>	The revised NPCC Document A - 03, "Emergency Operation Criteria," incorporating the identification and periodic testing of restoration facilities, and periodic testing was approved by the NPCC membership in November, 2002.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION - JGM

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
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>
PAR	<b>Status/ Comments:</b> The document was approved by the NPCC membership in November 2002.			

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
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>September 2003</b>
PAR	<b>Status/ Comments:</b> The requirements of NPCC Document B-03 are being transferred to NPCC Document A-02 by NPCC Working Group CP-11, "Working Group on Review of the NPCC Basic Criteria." The remaining language is being established in a new Reference Document.			

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION – JGM

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
B-9	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>September 2003</b>
PAR	<b>Status/ Comments:</b>	The requirements of NPCC Document B-09 are being transferred to NPCC Document A-02 by NPCC Working Group CP-11, "Working Group on Review of the NPCC Basic Criteria." The remaining language is being established in a new Reference Document.		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
B-13	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>September 2003</b>
PAR	<b>Status/ Comments:</b>	Document B-13 will be posted for a second round of comments through the NPCC Open Process review.		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
RD-03	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 14, 2003</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>January 2004</b>
PAR	<b>Status/ Comments:</b>	This document has gone through the NPCC Open Process review and will be designated as Document C-103.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION - JGM

### Documents

Item	Name	Assignment	Latest Version:	March 3, 1999
C-8	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.	Frequency of Reviews: Next Review Date:	3 years January 2005
PAR	<b>Status/ Comments:</b>	NPCC Document Reference Document 04 was created for the implementation of ACE Diversity Interchange.		

Item	Name	Assignment	Latest Version:	March 25, 1998
C-11	Monitoring Procedures for Interconnected System Frequency Response	Procedures are established for monitoring and reporting the frequency responses to large generation losses.	Frequency of Reviews: Next Review Date:	3 years September 2003
PAR	<b>Status/ Comments:</b>	NPCC Document Reference Document 10 was created for the assessment of large system frequency excursions. This Document has not yet gone through the NPCC Open Process review.		

Item	Name	Assignment	Latest Version:	January 15, 2002
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.	Frequency of Reviews: Next Review Date:	3 years September 2005
PAR	<b>Status/ Comments:</b>	NPCC Document Reference Document 07 will be created for the shared activation of ten-minute reserve. This Document has gone through the NPCC Open Process review. Once given final approval it will be designated as Document C-107.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION - JGM

### Documents

Item	Name	Assignment	Latest Version:	
C-13	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.		March 15, 1997
			Frequency of Reviews: Next Review Date:	3 years September 2003
PAR	<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 Document C-111.		

Item	Name	Assignment	Latest Version:	
C-15	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.		March 2003
			2003 Budget: Expense to Date: Frequency of Reviews: Next Review Date:	\$15,000 \$15,000 3 years March 2006
PAR	<b>Status/ Comments:</b>	The NPCC Area control rooms have implemented the software package incorporating the new Solar Terrestrial Dispatch notification/alert process.		

Item	Name	Assignment	Latest Version:	
C-19	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.		January 18, 2000
			Frequency of Reviews: Next Review Date:	3 years September 2003
PAR	<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. The new resulting document will be designated as C-112.		



# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION - JGM

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
C-20	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 2003</b>
PAR	<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. The new resulting document will be designated as C-112.		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
TFCO	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>
JGM	<b>Status/ Comments:</b>	The revised Scope of the TFCO, together with a newly developed Terms of Reference was approved by the TFCO at its November 2002 meeting.		

### Surveys/Reviews

<b>Item</b>	<b>Name</b>	<b>Assignment</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>January 2003</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>January 2004</b>
PAR	<b>Status/ Comments:</b>	The TFCO finalized the 2003 document at its meeting of January 2003.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION - JGM

### Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>IRCWG</b>	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>2003 Budget:</b>	<b>\$10,000</b>
			<b>Expense to Date:</b>	<b>\$2,550</b>
			<b>Completion Date:</b>	<b>December 2003</b>
PAR	<b>Status/ Comments:</b>	The IRCWG is developing an overall report on the NPCC restoration experience following the August 14 <sup>th</sup> Blackout. The report is scheduled for January 2004.		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<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>2003 Budget:</b>	<b>\$25,000</b>
			<b>Expense to Date:</b>	<b>\$5,700</b>
			<b>Completion Date:</b>	<b>December 2003</b>
PAR	<b>Status/ Comments:</b>	Following the events of August 14 <sup>th</sup> , the Working Group has focused on generator governor response during the disturbance as well as further analysis of operating reserve sharing.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION - JGM

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment		
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>2003 Budget:</b>	<b>\$15,000</b>
			<b>Expense to Date:</b>	<b>\$3,800</b>
			<b>Next Seminar:</b>	<b>November 2003</b>
PAR	<b>Status/ Comments:</b>	CO-2 Working Group met jointly with CO-8 in September and finalized the agenda for the Fall Dispatcher Training Seminar to be held on November 5-6, 2003 in Halifax, Nova Scotia.		

Item	Name	Assignment		
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>2003 Budget:</b>	<b>\$5,000</b>
			<b>Expense to Date:</b>	<b>\$0</b>
			<b>Completion Date:</b>	<b>December 2003</b>
PAR	<b>Status/ Comments:</b>	The Working Group is assisting the CMAS in its control Area reviews.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION - JGM

### Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>CO-8</b>	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.	<b>2003 Budget:</b>	<b>\$25,000</b>
			<b>Expense to Date:</b>	<b>\$8,200</b>
			<b>Completion Date:</b>	<b>December 2003</b>
PAR	<b>Status/ Comments:</b>	The CO-8 Working Group has recently focused reviewing the NERC Functional Model and has provided input through representation on the NERC RCWG/ORS and the NERC Operating Committee.		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>LESPWG</b>	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>2003 Budget:</b>	<b>\$15,000</b>
			<b>Expense to Date:</b>	<b>\$0</b>
			<b>Completion Date:</b>	<b>December 2003</b>
PAR	<b>Status/ Comments:</b>	LESPWG has curtailed activities for the last few months.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF OPERATION - JGM

### Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
ATCWG	Available Transfer Capability Working Group	Formulate NPCC's responses to the updated charges from the NERC Engineering Committee (EC) to the NERC ATC Implementation Working Group. These include: the development of an ATC compliance review schedule; the coordination of intra-/inter-regional ATC postings; the development of data exchange guidelines; the assessment of the commercial viability of ATC calculations; and the continued review of the TRM/CBM parameters	<b>2003 Budget:</b>	<b>\$5,000</b>
			<b>Expense to Date:</b>	<b>\$0</b>
			<b>Completion Date:</b>	<b>December 2003</b>
GVZ	<b>Status/ Comments:</b>	Comments from the Working Group to the NERC ATC Working Group on the treatment of TTC, ATC, TRM and CBM in Standard Market Design were finalized and were issued on October 16, 2002. The Working Group has picked up on past work on the NPCC ATC Methodology and will be revising the draft to finalize the document by the end of the year.		
<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
CO-2003	TFCO Summer 2003 Security Assessment Working Group	Review the overall reliability of the generation and transmission system in the NPCC Region for the 2003 Summer.	<b>2003 Budget:</b>	<b>\$15,000</b>
			<b>Expense to Date:</b>	<b>\$3,300</b>
			<b>Completion Date:</b>	<b>May 2003</b>
PAR	<b>Status/ Comments:</b>	The 2003 Summer Assessment report was completed May 2003. Work on the 2004 Summer Assessment will begin in January.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF PLANNING - GVZ

### Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
RPF	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>2003 Budget</b>	<b>\$50,000</b>
			<b>Expense to Date:</b>	<b>\$26,962</b>
			<b>Completion Date:</b>	<b>December 2003</b>
PAF	<b>Status/ Comments:</b>	A presentation illustrating the voltage profile resulting from the publicly available Blackout 2003 sequence of events was presented at the NPCC Executive Committee September meeting.		
<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
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>2003 Budget:</b>	<b>\$40,000</b>
			<b>Expense to Date:</b>	<b>\$650</b>
			<b>Completion Date:</b>	<b>December 2003</b>
GVZ	<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 is scheduled to be completed by December 2003.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF PLANNING - GVZ

### Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
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>2003 Budget</b>	<b>\$10,000</b>
			<b>Expense to Date:</b>	<b>\$8,450</b>
			<b>Completion Date:</b>	<b>December 2003</b>
SEK	<b>Status/ Comments:</b>	The revised A-2 criteria was posted for the first time and comments considered. The document is currently posted for a third open comment period through November 17, 2003. An update will be provided to the RCC at their November meeting.		

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
A-1	Criteria for Review and Approval of Documents	Criteria outlines the review and approval procedures for all NPCC and NERC documents and contains the NPCC Glossary.	<b>Latest Version:</b>	<b>March 1997</b>
			<b>Frequency of Reviews:</b>	<b>4 years</b>
			<b>Next Review Date:</b>	<b>November 2003</b>
GVZ	<b>Status/ Comments:</b>	The TFCP is will be preparing revisions to this document in 2003.		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
A-2	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>August 1995</b>
			<b>Frequency of Reviews:</b>	<b>4 years</b>
			<b>Next Review Date:</b>	<b>November 2003</b>
SEK	<b>Status/ Comments:</b>	The TFCP has formed the CP-11 Working group to conduct the review of the Basic Criteria for Design and Operation of Interconnected Power Systems (A-2). Expected completion and approval of revised document to be in the second half of 2003.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF PLANNING - GVZ

### 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>
GVZ	<b>Status/ Comments:</b>	The TFCP is will be reviewing the need to revise this document in 2004.		

<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>
GVZ	<b>Status/ Comments:</b>	The document has been revised and is currently posted in the NPCC Open Process review until November 21, 2003.		

<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 2003</b>
GVZ	<b>Status/ Comments:</b>	The TFCP is currently reviewing the need to revise this document in 2003.		



# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF PLANNING - GVZ

### Surveys/Reviews

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
NYRA	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:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>June 2005</b>

PAF      **Status/ Comments:**      New York Triennial Review of Resource Adequacy was approved at the July 2002 RCC meeting.

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
NERA	Resource Adequacy — Coordination and Review Area Studies	Review of the New England 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>

PAF      **Status/ Comments:**      The New England Triennial Review of Resource Adequacy was approved at the November 2002 RCC meeting.  
New England's Interim Resource Adequacy Review to be presented at the November RCC meeting.

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
OARA	Resource Adequacy — Coordination and Review of Area Studies	Review of the Ontario Area resource adequacy study.	<b>Latest Version:</b>	<b>November 2000</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>2003</b>

PAF      **Status/ Comments:**      RCC review and approval of the Ontario Area Triennial Review of Resource Adequacy  
Expected at their November meeting.

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF PLANNING - GVZ

### 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>PAF</b>	<b>Status/ Comments:</b>	The Québec Triennial Review of Resource Adequacy was approved at the November 2002 RCC meeting.		

<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</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>2004</b>
<b>PAF</b>	<b>Status/ Comments:</b>	The Maritimes Area Triennial Review of Resource Adequacy was approved at the March 2002 RCC meeting		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF PLANNING - GVZ

### Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
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>2003 Budget:</b>	<b>\$60,000</b>
			<b>Expense to Date:</b>	<b>\$17,548</b>
			<b>Completion Date:</b>	<b>December 2003</b>
CP- 2003	<b>Status/ Comments:</b>	Summer 2003 Multi-Area Probabilistic Reliability Assessment was completed May 2003.	<b>2003 Budget:</b>	<b>\$65,000</b>
			<b>Expense to Date:</b>	<b>\$30,869</b>
			<b>Completion Date:</b>	<b>May 2003</b>
CP - TIE	<b>Status/ Comments:</b>	Review of Interconnection Benefits has begun; the TFCP approved a proposed methodology at their June 18, 2003 meeting.	<b>2003 Budget:</b>	<b>\$50,000</b>
PAF		Study underway – preliminary results for 2003 presented at the September TFCP meeting	<b>Expense to Date:</b>	<b>\$12,029</b>
			<b>Completion Date:</b>	<b>December 2003</b>

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
CP-9	Working Group on the Review of NERC Planning Standards	Initially 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 the membership of developments.	<b>2003 Budget:</b>	<b>\$20,000</b>
			<b>Expense to Date:</b>	<b>\$15,150</b>
			<b>Completion Date:</b>	<b>December 2003</b>
GVZ	<b>Status/ Comments:</b>	CP-9 will focus 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. To date recommendations on the cyber security ballots have been made as well as suggestions to the NERC functional model.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON COORDINATION OF PLANNING - GVZ

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment		
JGWG	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>2003 Budget:</b>	<b>\$5,000</b>
			<b>Expense to Date:</b>	<b>\$0</b>
			<b>Next Review Date:</b>	<b>December 2003</b>
GVZ	<b>Status/ Comments:</b>	The CP-11 Working Group is currently revising the document and will be posting it in the NPCC Open Process for review by year's end.		

### Documents

Item	Name	Assignment		
A-7	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 2003</b>
GVZ	<b>Status/ Comments:</b>	This document is currently being reviewed concurrently with the A-2 Basic Design Criteria Document by the CP-11 Working Group.		

### Surveys/Reviews

Item	Name	Assignment		
	Special Protection System List	This document lists Special Protection Systems on the System.	<b>Latest Version:</b>	<b>June 2001</b>
			<b>Frequency of Next Review Date:</b>	<b>1 year June 2002</b>
DJK	<b>Status/ Comments:</b>	The revised SPS List has been approved by the TFCP and will be presented to the RCC as an informational item at their November meeting.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON INFRASTRUCTURE SECURITY AND TECHNOLOGY - FR

### Documents

Item	Name	Assignment	Latest Version:	
B-12	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.	November 2001	3 years November 2004
FR	<b>Status/ Comments:</b>	Following the August 14 <sup>th</sup> Blackout, the TFCO requested TFIST review the B-12 Document.		

Item	Name	Assignment	Latest Version:	
C-17	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.	September 2001	3 years November 2004
FR	<b>Status/ Comments:</b>	Following the August 14 <sup>th</sup> Blackout, the TFCO requested TFIST review the C-17 Document.		

### Surveys/Reviews

Item	Name	Assignment	Last Review:	
	Review of the NERC Disturbance Analysis Working Group's Reports	Review of on-line computer performance during system events or disturbances including all NERC regions.	February 2002	
FR	<b>Status/ Comments:</b>	The TFIST agreed to discontinue this review.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON INFRASTRUCTURE SECURITY AND TECHNOLOGY - FR

### Surveys/Reviews

<b>Item</b>	<b>Name</b>	<b>Assignment</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>January 2003</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
FR	<b>Status/ Comments:</b>	The C-17 guidelines were used to gather information following the August 14 <sup>th</sup> Blackout, a report will be presented to the RCC at their November meeting.		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
	Review On-Line Computer System Status Reports	Review of member on-line computer system statuses and plans.	<b>Latest Review:</b>	<b>January 2003</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
FR	<b>Status/ Comments:</b>	The TFIST will be determining the need to review these reports.		

### Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>ISTWG</b>	Infrastructure Security and Technology Workshop Working Group	Periodic workshop to address timely issues and update member system personnel associated with the provision of on-line computer systems for operation of the power system.	<b>2003 Budget:</b>	<b>\$5,000</b>
			<b>Expense to Date:</b>	<b>\$0</b>
			<b>Last Workshop:</b>	<b>May 16, 2002</b>
FR	<b>Status/ Comments:</b>	The ISTWG is currently reviewing the need for a workshop this year.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON INFRASTRUCTURE SECURITY AND TECHNOLOGY - FR

### Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>	<b>Latest Review:</b>	<b>Frequency of Reviews:</b>
	Correspondence with other regional and national groups associated with on-line computer systems	Exchange of meeting minutes and other correspondence with representatives from other Regions. Monitor NERC CIPAG efforts.	<b>January 2003</b>	<b>1 year</b>
FR	<b>Status/ Comments:</b>	The majority of efforts in this area are currently being directed at participation in the NERC Critical Infrastructure Protection Advisory Group (CIPAG) efforts.		

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>	<b>Latest Review</b>	<b>Frequency of Reviews:</b>	<b>Next Review Date:</b>
	Task Force Scope	This document outlines the Task Force on Infrastructure Security and Technology scope of activities.	<b>January 2003</b>	<b>3 years</b>	<b>March 2006</b>
FR	<b>Status/ Comments:</b>	Scope of Work for the Task Force on Infrastructure Security and Technology was reviewed and approved at the March 2003 RCC meeting.			

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM PROTECTION - QL

### 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>December 2000</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Next Review Date:</b>	<b>December 2003</b>
QL	<b>Status/ Comments:</b>	Proposed revisions will be submitted for the NPCC Open Process review in December 2003.		

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>
QL	<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.		

Item	Name	Assignment		
A-1	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>
QL	<b>Status/ Comments:</b>	The next review is scheduled for November 2005.		



# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM PROTECTION - QL

### Documents

Item	Name	Assignment	Latest Version:	November 14, 2002
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.	Frequency of Reviews: Next Review Date:	3 years November 2005
QL	<b>Status/ Comments:</b>	The next review is scheduled for November 2005.		

Item	Name	Assignment	Latest Version:	November 14, 2002
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).	Frequency of Reviews: Next Review Date:	3 years November 2005
QL	<b>Status/ Comments:</b>	The next review is scheduled for November 2005.		

Item	Name	Assignment	Latest Version:	March 2001
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.	Frequency of Reviews: Next Review Date:	3 years March 2004
QL	<b>Status/ Comments:</b>	The next review is scheduled for November 2005.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM PROTECTION - QL

### Documents

Item	Name	Assignment	Latest Version:	
C-22	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.	November 14, 2002	3 Years November 2005
QL	<b>Status/ Comments:</b>	The next review is scheduled for November 2005.		

Item	Name	Assignment	Latest Version:	
C-30	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.	November 14, 2002	3 Years November 2005
QL	<b>Status/ Comments:</b>	The next review is scheduled for November 2005.		

Item	Name	Assignment	Latest Version:	
TFSP	Task Force Scope	This document outlines the Task Force on System Protection scope of activities.	November 14, 2002	3 Years November 2005
QL	<b>Status/ Comments:</b>	The next review is scheduled for November 2005.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM PROTECTION - QL

### Surveys/Reviews

Item	Name	Assignment	Latest Version:	September 2003
	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>

QL      **Status/ Comments:**      At each meeting, the TFSP discusses protection system changes, including SPS installations and modifications, as proposed by entities within NPCC.

Item	Name	Assignment	Latest Version:	September 2003
	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>

QL      **Status/ Comments:**      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.

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM PROTECTION - QL

### Working Groups/Ad Hoc Assignments

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
	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>September 2003</b>
			<b>Frequency of Reviews:</b>	<b>3 months</b>
QL	<b>Status/ Comments:</b>	At its June 2003 meeting, the TFSP has incorporated the effort of the ad-hoc working group on microprocessor-based relays, in the development of proposed revisions to Document "A-4", Maintenance Criteria For Bulk Power System Protection.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM STUDIES - DJK

### Documents

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
B-4	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>

DJK **Status/ Comments:** TFSS to review need to update document in 2004.

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
B-10	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>

DJK **Status/ Comments:** The document has completed the NPCC Open Process review and was approved at the November 2002 RCC meeting.

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
C-18	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>

DJK **Status/ Comments:** This document is currently under review.

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM STUDIES - DJK

### 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>
DJK	<b>Status/ Comments:</b>	TFSS to review need to update document in 2004.		

<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>
DJK	<b>Status/ Comments:</b>	Revised TFSS Scope was approved at the March 2003 RCC meeting.		

### Surveys/Reviews

<b>Item</b>	<b>Name</b>	<b>Assignment</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 2003</b>
DJK	<b>Status/ Comments:</b>	A comprehensive Area review was presented at the March 2003 meeting; based on the comments received at the meeting, the review has been revised and approved by the RCC in July.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM STUDIES - DJK

### 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 2003</b>
DJK	<b>Status/ Comments:</b>	An interim review is currently underway.		

<b>Item</b>	<b>Name</b>	<b>Assignment</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 2003</b>
DJK	<b>Status/ Comments:</b>	Ontario conducted a Comprehensive Area Review in 2002 and was approved by the RCC at their March 2003 meeting.		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>QATR</b>	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 2003</b>
DJK	<b>Status/ Comments:</b>	An interim review is currently underway.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM STUDIES - DJK

### Surveys/Reviews

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>MATR</b>	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 2002</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Next Review Date:</b>	<b>March 2003</b>
DJK	<b>Status/ Comments:</b>	Currently under review by the TFSS. Review expected to be presented to the RCC in November 2003.		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>SS-38</b>	Adequacy of Automatic Load Shedding Programs	Assessment of the adequacy and suitability of existing underfrequency load shedding settings.	<b>Latest Version:</b>	<b>March 2003</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Completion Date:</b>	<b>March 2006</b>
DJK	<b>Status/ Comments:</b>	A final UFLS report was completed and was presented to the RCC for approval in March 2003. The implementation of the recommendations from the report will be coordinated by the TFCP; a status report will be given at the July RCC meeting.		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
<b>NPCC</b>	Creation of Base Case Library	On an annual basis, develop a library of solved load flow cases and associated dynamic data.	<b>Latest Version:</b>	<b>November 2002</b>
			<b>Frequency of Reviews:</b>	<b>1 year</b>
			<b>Completion Date:</b>	<b>November 2003</b>
DJK	<b>Status/ Comments:</b>	2003 Base Case Development effort underway and is on schedule.		



# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM STUDIES - DJK

### Surveys/Reviews

Item	Name	Assignment		
SS-38	Overall 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 2001</b>
			<b>Frequency of Reviews:</b>	<b>3 years</b>
			<b>Completion Date:</b>	<b>May 2004</b>
DJK	<b>Status/ Comments:</b>	The SS-38 Working Group has conducted the 2001 Overall Transmission Reliability Study. The Study simulates contingencies in each of the NPCC Areas plus PJM to determine the overall robustness of the system. The report was approved by the RCC at their July 2002 Meeting		

Item	Name	Assignment		
SS-38	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 2003</b>
DJK	<b>Status/ Comments:</b>	SS-38 is currently conducting the Survey.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## TASK FORCE ON SYSTEM STUDIES - DJK

### Working Groups/Ad Hoc Assignments

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.	<b>2003 Budget:</b>	<b>\$10,000</b>
			<b>Expense to Date:</b>	<b>\$4,900</b>
			<b>Completion Date:</b>	<b>December 2003</b>
DJK	<b>Status/ Comments:</b>	Year 2003 Base Case Development effort is underway and scheduled for completion by the end of the year.		
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.	<b>2003 Budget:</b>	<b>\$20,000</b>
			<b>Expense to Date:</b>	<b>\$5,900</b>
			<b>Completion Date:</b>	<b>December 2003</b>
DJK	<b>Status/ Comments:</b>	A final UFLS report was completed and was presented to the RCC for approval in March 2003. The implementation of the recommendations from the report will be coordinated by the TFCP; a status report will be given at the November RCC meeting.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## MACC - ECAR - NPCC (MEN)

### Study Committees

Item	Name	Assignment		
MEN SC	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 2003</b>
PAR	<b>Status/ Comments:</b>	The Study Committee implemented study procedure changes for the 2003 Summer Study to Simulate power transfers between market entities rather than between entities within Reliability Region borders.		

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment		
MEN	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>2003 Budget:</b>	<b>\$10,000</b>
			<b>Expense to Date:</b>	<b>\$1,500</b>
			<b>Completion Date:</b>	<b>December 2003</b>
DJK	<b>Status/ Comments:</b>	The Working Group has completed the MEN 2003 Summer Study and Report in April 2003. The JIRC has approved an abbreviated MEN Winter 03/04 study and report due to the work currently underway on the August 14 <sup>th</sup> events. A draft report will be presented to the JIRC at their November meeting.		

# 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>		
RAS	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>Latest Version:</b>	<b>November 15, 2002</b>
			<b>Frequency of Reviews:</b>	<b>six months</b>
			<b>Completion Date:</b>	<b>October 15, 2003</b>
JGM	<b>Status/ Comments:</b>	The summer 2003 Assessment was released on May 15, 2003. The 2003/2012 long-term assessment is in progress, scheduled for release on October 15, 2003.		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
PSS	Planning Standards Subcommittee	The PSS, as charged by the NERC Engineering Committee, assesses and evaluates the NERC Planning Standards.	<b>Latest Version:</b>	
			<b>Frequency of Reviews:</b>	
			<b>Completion Date:</b>	
SEK	<b>Status/ Comments:</b>	This group has disbanded. Contact Stan Kopman at NPCC for further information.		

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL (NERC)

### Working Groups/Ad Hoc Assignments

Item	Name	Assignment		
MMWG	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>2003 Budget:</b>	<b>\$5,000</b>
			<b>Expense to Date:</b>	<b>\$0</b>
			<b>Completion Date:</b>	<b>December 2003</b>
DJK	<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. In 2003, MMWG will assemble twelve load flow models that constitute the 2004 base case library and five dynamics library cases. The NPCC SS-37 Working Group on Base Case development is currently on schedule. All work is currently on schedule.		

Item	Name	Assignment		
DCWG	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>Completion Date:</b>	<b>December 2004</b>
GVZ	<b>Status/ Comments:</b>	A first quarter 2004 meeting will be held in April 2004 in Washington DC to finalize the 2004 data submission for 2003 and discuss the 2004 data collection efforts. An EIA-IDC (Internet Data Collection) system is in place to collect Form 860 generator data. Currently under development is an EIA Form 411 data collection system that will also be internet based.		

# 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>
ATC	Available Transfer Capability Implementation 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>December 2004</b>

GVZ	<b>Status/ Comments:</b>	The group has submitted a remediation plan to NERC in response to a level 1 non-compliance assessment in the pilot Phase II B Compliance Program and has developed the NPCC Regional Data Posting System which is a web page initially containing TTC-ATC Area information. The group has also drafted a set of comments to Phase IIB of the NERC Compliance Program. The group is also coordinating with the Mid-West System Operator to pull in TCC-ATC information to the NPCC web-site.	
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<b>Item</b>	<b>Name</b>	<b>Assignment</b>	<b>Completion Date:</b>
CRS	Compliance Review Subcommittee	Develop NERC compliance procedures for those Planning Standards/Measurements that are in the NERC 2003 Compliance Program. Review/ develop Compliance Reports for the NERC 2003 Program as required.	<b>Completion Date:</b>

SEK	<b>Status/ Comments:</b>	CRS to be replaced by a new NERC Committee, the Compliance and Certification Committee (CCC). The CCC Scope approved by the NERC Board of Trustees on June 10, 2003. This stakeholder group reports directly to the NERC BOT and will be responsible for approving policies and processes used by the NERC Compliance Enforcement and Organization Certification Programs. Contact Stan Kopman at NPCC for further information.	
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# 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>
CS	Compliance Subcommittee	Develop templates for measurements contained in NERC Operating Policies; Monitor compliance to those operating measurements in the 2003 NERC Compliance Program and prepare necessary documentation of Regional compliance/non-compliance as required.	
SEK	<b>Status/ Comments:</b>	This activity has been merged with CRS/CCC activity. Contact Stan Kopman at NPCC for further information.	
<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>December 2003</b>
PAF	<b>Status/ Comments:</b>	Scope of Work approved by NERC Board of Trustees (BOT) at their February 2003 meeting. Task Force met May 15, 2003; initial thoughts from that meeting presented to NERC BOT at their June meeting; status report given at the October NERC BOT meeting	

# NPCC RELIABILITY ASSESSMENT PROGRAM STATUS REPORT

## OTHER

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
NPCC-GAS	Multi-Regional Gas Assessment	Multi-Regional Assessment of the Adequacy of the Northeast Natural Gas Infrastructure to serve the Electric Power Generating Sector.	<b>2003 Budget:</b>	<b>\$50,000</b>
			<b>Expense to Date:</b>	<b>\$0</b>
			<b>Completion Date:</b>	<b>December 2003</b>
PAF	<b>Status/ Comments:</b>	This project is managed by the IMO with direction from a Steering Committee of Study Participants. NPCC share of the study cost will be billed only if the appropriate confidentiality agreements are executed. Phase I report expected by June, 2003. Phase II contingency analysis and a redacted public summary report expected by the end of the year.		

<b>Item</b>	<b>Name</b>	<b>Assignment</b>		
NERC-ISN	Interregional Security Network (ISN)	The ISN allows for the exchange of security data between Security Coordination Centers.	<b>2003 Budget:</b>	<b>\$120,000</b>
			<b>Expense to Date:</b>	<b>\$85,231</b>
			<b>Completion Date:</b>	<b>December 2003</b>
FR	<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.		