



## New Brunswick Energy and Utilities Board

### Reliability Standards, Compliance and Enforcement Program

#### 2015 Annual Implementation Plan

Version 1

December 22, 2014

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## Version History

Version	Date	Changes
Draft	November 14, 2014	Initial Issue
Version 1	December 22, 2014	TPL-002-0b, TPL-003-0b, TPL-004-0a end of reporting period dates updated to match retirement dates. VAR-002-2b changed to VAR-002-3 due to Board approval under Matter 268.

## 1.0 Background

### 1.1 New Brunswick Compliance Framework

The [New Brunswick Energy and Utilities Board \(EUB\)](#) has the responsibility under the [Electricity Act](#) to adopt and enforce reliability standards in accordance with the [Reliability Standards Regulation](#).

#### 1.1.1 Reliability Standards

The EUB adopts North American Electric Reliability Corporation (NERC) reliability standards that have been approved by the Federal Energy Regulatory Commission (FERC) and filed by NB Power, with or without modifications for application in NB. NB [approved reliability standards](#) are posted on the EUB website.

#### 1.1.2 NB Bulk Power System (BPS)

The BPS in NB is determined according to the FERC approved definition of the bulk electric system, as it appears in the “NERC Glossary of Terms Used in Reliability Standards”. Under NB regulations, the EUB may approve exceptions to the NB BPS.

#### 1.1.3 Compliance Registry

The EUB maintains a [NB Compliance Registry](#) identifying those owners, users and operators of the BPS who must comply with approved reliability standards. The NB registry is based on the NERC functional model and registry criteria and is posted on the EUB website.

#### 1.1.4 Compliance Monitoring

The EUB implements a compliance monitoring system for reliability standards that is based on the requirements of the NERC compliance program. The NB program is documented as the [New Brunswick Compliance Monitoring and Enforcement Program \(NB CMEP\) – Schedule A](#) to the Reliability Standards Regulation. The EUB engages the Northeast Power Coordinating Council Inc. (NPCC), as a recognized compliance body under the regulations, to assist with compliance monitoring activities in NB.

### 1.1.5 Enforcement

The EUB implements enforcement processes to ensure registered entities mitigate risks to reliability and may impose financial penalties and sanctions for violations of reliability standards. NPCC makes recommendations to the EUB, which may involve consultations with NERC, for enforcement action in NB.

## 2.0 Annual Implementation Plan (AIP)

### 2.1 Purpose

The purpose of the AIP is to identify the reliability standards that will be monitored in the upcoming year, the monitoring methods that will be used, and registered entity audit and compliance reporting schedules.

### 2.2 Risk Based Development Process

The AIP is developed from the NERC and NPCC implementation plans and reflects the risk based approach to compliance monitoring set out under the NERC Reliability Assurance Initiative (RAI). The RAI seeks to enhance reliability by focusing compliance resources on those areas that pose a higher risk to the reliability of the BPS.

NERC evaluates information relating to violations, disturbances and events, critical infrastructure, trend analysis and other factors to identify system wide risks to the reliability of the BPS. In 2015, NERC identified nine risk elements with specific areas of focus. The risk elements identify and prioritize existing risks to the reliability of the BPS and serve as an input into the development of the NPCC regional implementation plan.

Building on the regional implementation plan , EUB compliance staff work with NPCC to develop a provincially focused NB AIP that takes into account NB specific registered entity criteria such as registered entity functions, size, operations, interconnections, violation history, events and open investigations, changes in registered entity responsibilities, internal controls and a registered entity's ability to self-identify and correct violations.

### 2.3 Approval Process

EUB compliance staff, in consultation with NPCC, prepares a draft AIP. The EUB notifies NB registered entities and posts the draft AIP on its website for comments. At the end of the comment period the EUB will finalize the AIP and post the final version on its web site by January 1 of the upcoming year. The AIP may be subject to revision during the compliance year. In year revisions are typically not posted for comment, however registered entities will be notified of any revisions to the AIP and updated versions will be posted on the EUB website.

## 3.0 Compliance Monitoring

### 3.1 Audits

Audits will be carried out according to the schedules set out in the AIP. The EUB may also initiate unscheduled audits. The EUB will provide an initial notice to the registered entity confirming the pending audit and identify NPCC as the compliance body that will conduct the audit. EUB compliance staff will participate on the NPCC audit team. NPCC will provide an audit notice to the registered entity at least 60

days prior the audit date identifying the scope of the audit and audit team members. Audits will also include a review of any open investigations or mitigation actions related to the registered entity. The audit team will conduct the audit, prepare an audit report and review the report with the registered entity prior to forwarding it to the EUB. The EUB will review the report and provide the final audit report to the registered entity prior to posting a public version on its website. If an audit report identifies a potential violation the audit report will not be released until the enforcement process is completed.

The 2015 Audit Schedule is set out in Appendix 1, Table 1. Planned audits identified as CIP audits will include Critical Infrastructure Protection standards, while O&P audits will focus on non-CIP operations and planning standards.

The Reliability Standards List Subject to 2015 Compliance Audit is set out in Appendix 1, Table 2.

### **3.2 Self-Certifications**

All registered entities are subject to reporting self-certification of compliance to the EUB according to the schedules established in the AIP. Self-certifications are made through the EUB [Compliance Monitoring and Reporting System \(CMRS\)](#).

The EUB may initiate enforcement action for a late or non-submittal of a self-certification report.

The 2015 reporting schedules for self-certifications are set out in Appendix 2, Tables 3 to 6 (Type SC).

### **3.3 Spot Checks**

The EUB may initiate a spot check at any time to verify a registered entity's compliance with a reliability standard. The EUB will provide the registered entity at least 20 days advanced notice of a spot check. Spot checks may be conducted by EUB compliance staff or by NPCC. The spot check process will require the registered entity to submit documentation that will be assessed by the spot check team to determine if a registered entity is in compliance with the reliability standard.

A draft spot check report will be prepared and made available to the registered entity for comments prior to being finalized. The EUB will provide the registered entity with a final spot check report.

### **3.4 Periodic Data Submittals**

Certain reliability standards contain provisions for the periodic reporting of data. Periodic data reports are made through the EUB CMRS according to the schedules established in the AIP.

The 2015 reporting schedules for data submittals are set out in Appendix 2, Tables 3 to 6 (Type PD).

### **3.5 Self-Reporting**

A registered entity may self-report a possible violation with a reliability standard to the EUB through the EUB CMRS.

### **3.6 Compliance Investigations**

The EUB may initiate a compliance investigation at any time in response to a system disturbance, complaint, suspected violation of a reliability standard, or on a recommendation from NERC or NPCC.

### 3.7 Complaints

A person may notify the EUB of a possible violation of a reliability standard by completing a [compliance complaint form](#) on the EUB website.

## Appendix 1 – Annual Audit Plan

Table 1 - 2015 Audit Schedule

Registered Entity	Functions Subject to Audit	CIP	O&P	Audit Date
NB Power	GO, GOP		X	May 13, 2015
Caribou	GO, GOP		X	July 10, 2015
Canadian Hydro Developers Inc.	GO, GOP		X	July 10, 2015

Table 2 – Reliability Standards Subject to 2015 Compliance Audit

Standard	Title
<a href="#">BAL-001-1</a>	Real Power Balancing Control Performance
<a href="#">BAL-002-1</a>	Disturbance Control Performance
<a href="#">BAL-003-0.1b</a>	Frequency Response and Bias
<a href="#">BAL-003-1</a>	Frequency Response and Frequency Bias Setting
<a href="#">BAL-005-0.2b</a>	Automatic Generation Control
<a href="#">CIP-002-3</a>	Cyber Security-Critical Cyber Asset Identification
<a href="#">CIP-003-3</a>	Cyber Security-Security Management Controls
<a href="#">CIP-004-3a</a>	Cyber Security-Personnel and Training
<a href="#">CIP-005-3a</a>	Cyber Security-Electronic Security Perimeter(s)
<a href="#">CIP-006-3c</a>	Cyber Security-Physical Security of Cyber Assets
<a href="#">CIP-007-3a</a>	Cyber Security-Systems Security Management
<a href="#">CIP-008-3</a>	Cyber Security-Incident Reporting and Response Planning
<a href="#">CIP-009-3</a>	Cyber Security-Recover Plans for Critical Cyber Assets
<a href="#">COM-001-1.1</a>	Telecommunications
<a href="#">COM-002-2</a>	Communications and Coordination
<a href="#">EOP-001-2.1b</a>	Emergency Operations Planning
<a href="#">EOP-002-3.1</a>	Capacity and Energy Emergencies

Table 2 –Reliability Standards Subject to 2015 Compliance Audit (Cont’d)

<b>Standard</b>	<b>Title</b>
<a href="#">EOP-003-2</a>	Load Shedding Plans
<a href="#">EOP-004-2</a>	Event Reporting
<a href="#">EOP-005-2</a>	System Restoration Plans from Blackstart Resources
<a href="#">EOP-006-2</a>	Reliability Coordination-System Restoration
<a href="#">EOP-008-1</a>	Loss of Control Center Functionality
<a href="#">FAC-001-1</a>	Facility Connection Requirements
<a href="#">FAC-002-1</a>	Coordination of Plans for New Generation, Transmission and End-User Facilities
<a href="#">FAC-003-3</a>	Vegetation Management Program
<a href="#">FAC-008-3</a>	Facility Ratings
<a href="#">FAC-011-2</a>	System Operating Limits Methodology for the Operations Horizon
<a href="#">FAC-014-2</a>	Establish and communicate System Operating Limits
<a href="#">IRO-001-1.1</a>	Reliability Coordination - Responsibilities and Authorities
<a href="#">IRO-002-2</a>	Reliability Coordination - Facilities
<a href="#">IRO-005-3.1a</a>	Reliability Coordination - Current Day Operations
<a href="#">IRO-008-1</a>	Reliability Coordinator Operational Analyses and Real-time Assessments
<a href="#">IRO-009-1</a>	Reliability Coordinator Actions to Operate Within IROLs
<a href="#">IRO-010-1a</a>	Reliability Coordinator Data Specification and Collection
<a href="#">IRO-014-1</a>	Procedures, Processes or Plans to Support Coordination Between Reliability Coordinators
<a href="#">MOD-001-1a</a>	Available Transmission system Capability
<a href="#">MOD-010-0</a>	Steady-State Data for Transmission system Modeling and Simulation
<a href="#">MOD-012-0</a>	Dynamics Data for Transmission System Modeling and simulation
<a href="#">MOD-029-1a</a>	Rated System Path Methodology
<a href="#">MOD-032-1</a>	Data for Power System Modeling and Analysis
<a href="#">NUC-001-2</a>	Nuclear Plant Interface Coordination
<a href="#">PER-003-1</a>	Operating Personnel Credentials
<a href="#">PER-005-1</a>	System Personnel Training
<a href="#">PRC-001-1</a>	System Protection Coordination
<a href="#">PRC-002-NPCC-01</a>	Disturbance Monitoring
<a href="#">PRC-004-2.1a</a>	Analysis and Mitigation of Transmission and Generation Protection System Misoperations
<a href="#">PRC-005-1.1b</a>	Transmission and Generation Protection System Maintenance and Testing
<a href="#">PRC-005-2</a>	Protection System Maintenance
<a href="#">PRC-006-1</a>	Automatic Underfrequency Load Shedding



Table 2 –Reliability Standards Subject to 2015 Compliance Audit (Cont’d)

<b>Standard</b>	<b>Title</b>
<a href="#">PRC-006-NPCC-1</a>	Automatic Underfrequency Load Shedding
<a href="#">PRC-008-0</a>	Underfrequency Load Shedding Equipment Maintenance Programs
<a href="#">PRC-011-0</a>	UVLS System Maintenance and Testing
<a href="#">PRC-015-0</a>	Special Protection System Data and Documentation
<a href="#">PRC-016-0.1</a>	Special Protection System Misoperations
<a href="#">PRC-017-0</a>	Special Protection System Maintenance and Testing
<a href="#">PRC-018-1</a>	Disturbance Monitoring Equipment Installation and Data Reporting
<a href="#">PRC-019-1</a>	Coordination of Generating Unit or Plant Capabilities, Voltage Regulating Controls, and Protection
<a href="#">PRC-023-2</a>	Transmission Relay Loadability
<a href="#">TOP-001-1a</a>	Reliability Responsibilities and Authorities
<a href="#">TOP-002-2.1b</a>	Normal Operations Planning
<a href="#">TOP-003-1</a>	Planned Outage Coordination
<a href="#">TOP-004-2</a>	Transmission Operations
<a href="#">TOP-006-2</a>	Monitoring System Conditions
<a href="#">TOP-007-0</a>	Reporting SOL and IROL Violations
<a href="#">TOP-008-1</a>	Response to Transmission Limit Violations
<a href="#">TPL-001-0.1</a>	System Performance Under Normal Conditions
<a href="#">TPL-001-4</a>	Transmission System Planning Performance Requirements
<a href="#">TPL-002-0b</a>	System Performance Following Loss of a Single BES Element
<a href="#">TPL-003-0b</a>	System Performance Following Loss of Two or More BES Elements
<a href="#">TPL-004-0a</a>	System Performance Following Extreme BES Events
<a href="#">VAR-002-3</a>	Generator Operation for Maintaining Network Voltage Schedules

Note: The above table lists reliability standards that have been identified by the EUB as areas of focus for compliance monitoring in 2015. Audits may also include any other reliability standards applicable to a registered entity. Registered entities will be notified of the scope of a planned audit at least 60 days prior to the scheduled date of the audit.

## Appendix 2 – Compliance Reporting Schedule

Table 3 – Caribou 2015 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Type	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Caribou	GO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	01/01/2015	03/31/2015	04/20/2015
Caribou	GO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	04/01/2015	06/30/2015	07/20/2015
Caribou	GO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	07/01/2015	09/30/2015	10/20/2015
Caribou	GO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	10/01/2015	12/31/2015	01/20/2016
Caribou	GO, GOP	EOP-004-2	Event Reporting	SC	R2	01/01/2015	12/31/2015	03/20/2016
Caribou	GOP	PRC-001-1	System Protection Coordination	SC	R3, R5,	01/01/2015	12/31/2015	03/20/2016
Caribou	GO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	SC	R2	01/01/2015	12/31/2015	03/20/2016
Caribou	GO	PRC-005-1.1b	Transmission and Generation Protection System Maintenance and Testing	SC	R1, R2	01/01/2015	09/30/2015	03/20/2016
Caribou	GO	PRC-005-2	Protection System Maintenance	SC	R3, R4	10/01/2015	12/31/2015	03/20/2016

Table 4 – Emera 2015 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Type	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Emera	GO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	01/01/2015	03/31/2015	04/20/2015
Emera	GO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	04/01/2015	06/30/2015	07/20/2015
Emera	GO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	07/01/2015	09/30/2015	10/20/2015
Emera	GO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	10/01/2015	12/31/2015	01/20/2016
Emera	GO, GOP	EOP-004-2	Event Reporting	SC	R2	01/01/2015	12/31/2015	03/20/2016
Emera	GOP	PRC-001-1	System Protection Coordination	SC	R3, R5	01/01/2015	12/31/2015	03/20/2016
Emera	GO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	SC	R2	01/01/2015	12/31/2015	03/20/2016
Emera	GO	PRC-005-1.1b	Transmission and Generation Protection System Maintenance and Testing	SC	R1, R2	01/01/2015	09/30/2015	03/20/2016
Emera	GO	PRC-005-2	Protection System Maintenance	SC	R3, R4	10/01/2015	12/31/2015	03/20/2016

Table 5 – NB Power 2015 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Type	Req's	Start of Reporting Period	End of Reporting Period	Due Date
NB Power	DP, GO, TO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	01/01/2015	03/31/2015	04/20/2015
NB Power	TO	FAC-003-3	Vegetation Management Program	PD		01/01/2015	03/31/2015	04/20/2015
NB Power	DP, GO, TO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	04/01/2015	06/30/2015	07/20/2015
NB Power	TO	FAC-003-3	Vegetation Management Program	PD		04/01/2015	06/30/2015	07/20/2015
NB Power	DP, GO, TO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	07/01/2015	09/30/2015	10/20/2015
NB Power	TO	FAC-003-3	Vegetation Management Program	PD		07/01/2015	09/30/2015	10/20/2015
NB Power	DP, GO, TO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	10/01/2015	12/31/2015	01/20/2016
NB Power	TO	FAC-003-3	Vegetation Management Program	PD		10/01/2015	12/31/2015	01/20/2016
NB Power	BA	BAL-001-1	Real Power Balancing Control Performance	SC	R1 to R4	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, RSG	BAL-002-1	Disturbance Control Performance	SC	R1 to R6	01/01/2015	12/31/2015	03/20/2016
NB Power	BA	BAL-003-0.1b	Frequency Response and Bias	SC	R2, R3, R5	01/01/2015	09/30/2015	03/20/2016
NB Power	BA	BAL-003-1	Frequency Response and Frequency Bias Setting		R4	10/01/2015	12/31/2015	03/20/2016
NB Power	BA, RC, TOP	COM-001-1.1	Telecommunications	SC	R1, R2	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, GOP, RC, TOP	COM-002-2	Communications and Coordination	SC	R2	01/01/2015	12/31/2015	03/20/2016
NB Power	DP, GO, TO	PRC-017-0	Special Protection System Maintenance and Testing	SC	R1	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, TOP	EOP-001-2.1b	Emergency Operations Planning	SC	R2, R3, R4, R6	01/01/2015	12/31/2015	03/20/2016

Table 5 – NB Power 2015 Compliance Reporting Schedule Cont'd

Registered Entity	Function	Standard	Title	Type	Req's	Start of Reporting Period	End of Reporting Period	Due Date
NB Power	BA, LSE, RC	EOP-002-3.1	Capacity and Energy Emergencies	SC	R1, R3, R5, R6, R7, R8	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, GO, GOP, RC, TO, TOP	EOP-004-2	Event Reporting	SC	R2	01/01/2015	12/31/2015	03/20/2016
NB Power	DP, GOP, TOP	EOP-005-2	System Restoration Plans from Blackstart Resources	SC	R1, R2, R6, R9, R10, R11, R17	01/01/2015	12/31/2015	03/20/2016
NB Power	RC	EOP-006-2	Reliability Coordination-System Restoration	SC	R1, R9, R10	01/01/2015	12/31/2015	03/20/2016
NB Power	RC, BA, TOP	EOP-008-1	Loss of Control Center Functionality	SC	R3, R4	01/01/2015	12/31/2015	03/20/2016
NB Power	TOP, TSP	MOD-001-1a	Available Transmission system Capability	SC	R2 to R5, R7 to R9	01/01/2015	12/31/2015	03/20/2016
NB Power	TOP, TSP	MOD-029-1a	Rated System Path Methodology	SC	R1 to R8	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, RC, TOP	PER-003-1	Operating Personnel Credentials	SC	R2	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, RC, TOP	PER-005-1	System Personnel Training	SC	R3	01/01/2015	12/31/2015	03/20/2016
NB Power	DP, TO	PRC-008-0	Underfrequency Load Shedding Equipment Maintenance Programs	SC	R1, R2	01/01/2015	12/31/2015	03/20/2016
NB Power	DP, TO	PRC-011-0	UVLS System Maintenance and Testing	SC	R1	01/01/2015	12/31/2015	03/20/2016

Table 5 – NB Power 2015 Compliance Reporting Schedule Cont'd

Registered Entity	Function	Standard	Title	Type	Req's	Start of Reporting Period	End of Reporting Period	Due Date
NB Power	DP, GO, TO	PRC-016-0.1	Special Protection System Misoperations	SC	R1, R2	01/01/2015	12/31/2015	03/20/2016
NB Power	DP, GO, PA, TO	PRC-023-2	Transmission Relay Loadability	SC	R1	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, RC, TOP	IRO-005-3.1a	Reliability Coordination - Current Day Operations	SC	R1, R6, R7, R9, R12	01/01/2015	12/31/2015	03/20/2016
NB Power	RC	IRO-008-1	Reliability Coordinator Operational Analyses and Real-time Assessments	SC	R1, R2	01/01/2015	12/31/2015	03/20/2016
NB Power	RC	IRO-009-1	Reliability Coordinator Actions to Operate Within IROs	SC	R3	01/01/2015	12/31/2015	03/20/2016
NB Power	RC	IRO-014-1	Procedures, Processes or Plans to Support Coordination Between Reliability Coordinators	SC	R1	01/01/2015	12/31/2015	03/20/2016
NB Power	PA, PA, RC, TOP, TP	FAC-014-2	Establish and communicate System Operating Limits	SC	R5, R6	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, GO, GOP, RC, TO, TOP	CIP-002-3	Cyber Security-Critical Cyber Asset Identification	SC	R2, R3	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, GO, GOP, RC, TO, TOP	CIP-003-3	Cyber Security-Security Management Controls	SC	R4, R6	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, GO, GOP, RC, TO, TOP	CIP-004-3a	Cyber Security-Personnel and Training	SC	R1, R2, R3, R4	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, GO, GOP, RC, TO, TOP	CIP-005-3a	Cyber Security-Electronic Security Perimeter(s)	SC	R1, R4	01/01/2015	12/31/2015	03/20/2016

Table 5 – NB Power 2015 Compliance Reporting Schedule Cont'd

Registered Entity	Function	Standard	Title	Type	Req's	Start of Reporting Period	End of Reporting Period	Due Date
NB Power	BA, GO, GOP, RC, TO, TOP	CIP-006-3c	Cyber Security-Physical Security of Cyber Assets	SC	R1, R4, R6	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, GO, GOP, RC, TO, TOP	CIP-007-3a	Cyber Security-Systems Security Management	SC	R1, R2, R4, R6, R8	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, GO, GOP, RC, TO, TOP	CIP-009-3	Cyber Security-Recover Plans for Critical Cyber Assets	SC	R1, R2	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, TOP	EOP-003-2	Load Shedding Plans	SC	R8	01/01/2015	12/31/2015	03/20/2016
NB Power	TO	FAC-001-1	Facility Connection Requirements	SC	R1	01/01/2015	12/31/2015	03/20/2016
NB Power	TO, GO	FAC-003-3	Vegetation Management Program	SC	R1, R2, R3, R4, R5, R6, R7	01/01/2015	12/31/2015	03/20/2016
NB Power	RC	FAC-011-2	System Operating Limits Methodology for the Operations Horizon	SC	R1, R2, R3	01/01/2015	12/31/2015	03/20/2016
NB Power	RC	IRO-002-2	Reliability Coordination - Facilities	SC	R6, R7, R8	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, GOP, TOP	PRC-001-1	System Protection Coordination	SC	R3, R4, R5, R6	01/01/2015	12/31/2015	03/20/2016
NB Power	GO, TO, RC	PRC-002-NPCC-01	Disturbance Monitoring	SC	R1 to R17	01/01/2015	12/31/2015	03/20/2016
NB Power	DP, GO, TO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	SC	R1, R2	01/01/2015	12/31/2015	03/20/2016
NB Power	DP, GO, TO	PRC-005-1.1b	Transmission and Generation Protection System Maintenance and Testing	SC	R1, R2	01/01/2015	09/30/2015	03/20/2016

Table 5 – NB Power 2015 Compliance Reporting Schedule Cont'd

Registered Entity	Function	Standard	Title	Type	Req's	Start of Reporting Period	End of Reporting Period	Due Date
NB Power	DP, GO, TO	PRC-005-2	Protection System Maintenance	SC	R3, R4	10/01/2015	12/31/2015	03/20/2016
NB Power	DP, PA, TO	PRC-006-1	Automatic Underfrequency Load Shedding	SC	R8, R9, R10	01/01/2015	12/31/2015	03/20/2016
NB Power	DP, GO, TO	PRC-015-0	Special Protection System Data and Documentation	SC	R1	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, GOP, LSE, TOP, TSP	TOP-002-2.1b	Normal Operations Planning	SC	R4 to R8, R10, R11, R14, R19	01/01/2015	12/31/2015	03/20/2016
NB Power	TOP	TOP-004-2	Transmission Operations	SC	R6	01/01/2015	12/31/2015	03/20/2016
NB Power	BA, RC, TOP	TOP-006-2	Monitoring System Conditions	SC	R2	01/01/2015	12/31/2015	03/20/2016
NB Power	RC, TOP	TOP-007-0	Reporting SOL and IROL Violations	SC	R1 to R4	01/01/2015	12/31/2015	03/20/2016
NB Power	TOP	TOP-008-1	Response to Transmission Limit Violations	SC	R1 to R4	01/01/2015	12/31/2015	03/20/2016
NB Power	PA, TP	TPL-001-0.1	System Performance Under Normal Conditions	SC	R1	01/01/2015	06/30/2015	03/20/2016
NB Power	PA, TP	TPL-001-4	Transmission System Planning Performance Requirements	SC	R1	07/01/2015	12/31/2015	03/20/2016
NB Power	PA, TP	TPL-002-0b	System Performance Following Loss of a Single BES Element	SC	R1	01/01/2015	06/30/2015	03/20/2016
NB Power	PA, TP	TPL-003-0b	System Performance Following Loss of Two or More BES Elements	SC	R1, R2, R3	01/01/2015	06/30/2015	03/20/2016
NB Power	PA, TP	TPL-004-0a	System Performance Following Extreme BES Events	SC	R1	01/01/2015	06/30/2015	03/20/2016
NB Power	GO, GOP	VAR-002-3	Generator Operation for Maintaining Network Voltage Schedules	SC	R1 to R3	01/01/2015	12/31/2015	03/20/2016



Table 6 - Canadian Hydro Developers, Inc. 2015 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Type	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Canadian Hydro Developers, Inc.	GO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	01/01/2015	03/31/2015	04/20/2015
Canadian Hydro Developers, Inc.	GO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	04/01/2015	06/30/2015	07/20/2015
Canadian Hydro Developers, Inc.	GO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	07/01/2015	09/30/2015	10/20/2015
Canadian Hydro Developers, Inc.	GO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	PD	R3	10/01/2015	12/31/2015	01/20/2016
Canadian Hydro Developers, Inc.	GO, GOP	EOP-004-2	Event Reporting	SC	R2	01/01/2015	12/31/2015	03/20/2016
Canadian Hydro Developers, Inc.	GOP	PRC-001-1	System Protection Coordination	SC	R3, R5	01/01/2015	12/31/2015	03/20/2016

Table 6 - Canadian Hydro Developers, Inc. 2015 Compliance Reporting Schedule Cont'd

Registered Entity	Function	Standard	Title	Type	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Canadian Hydro Developers, Inc.	GO	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	SC	R2	01/01/2015	12/31/2015	03/20/2016
Canadian Hydro Developers, Inc.	GO	PRC-005-1.1b	Transmission and Generation Protection System Maintenance and Testing	SC	R1, R2	01/01/2015	09/30/2015	03/20/2016
Canadian Hydro Developers, Inc.	GO	PRC-005-2	Protection System Maintenance	SC	R3, R4	10/01/2015	12/31/2015	03/20/2016

## Glossary

Acronym	Definition
<b>SC</b>	Self-Certification
<b>PD</b>	Periodic Data Submittal
<b>BA</b>	Balancing Authority
<b>DP</b>	Distribution Provider
<b>GO</b>	Generator Owner
<b>GOP</b>	Generator Operator
<b>IA</b>	Interchange Authority
<b>LSE</b>	Load Serving Entity
<b>PA</b>	Planning Authority
<b>PSE</b>	Purchasing-Selling Entity
<b>RC</b>	Reliability Coordinator
<b>RP</b>	Resource Planner
<b>RSG</b>	Reserve Sharing Group
<b>TO</b>	Transmission Owner
<b>TOP</b>	Transmission Operator
<b>TP</b>	Transmission Planner
<b>TSP</b>	Transmission Service Provider