

# New Brunswick Energy and Utilities Board

Reliability Standards, Compliance and Enforcement Program

# New Brunswick 2023 Annual Implementation Plan Version 1

December 16, 2022

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#### **Version History**

Version	Date	Changes		
Draft	November 25, 2022	Initial Release		
1	December 16, 2022			

### 1.0 Background

#### 1.1 New Brunswick Compliance Framework

The New Brunswick Energy and Utilities Board (NBEUB) has the responsibility under the Electricity Act to adopt and enforce reliability standards in accordance with the Reliability Standards Regulation (Regulations).

#### 1.1.1 Reliability Standards

The NBEUB 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 <u>Approved Reliability Standards</u> (Reliability Standards) are posted on the NBEUB 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 NBEUB may approve exceptions to the NB BPS.

## 1.1.3 Compliance Registry

The NBEUB maintains a <u>NB Compliance Registry</u> identifying those owners, users and operators of the BPS who must comply with Reliability Standards. NB registration requirements are generally based on the NERC functional model and registry criteria. The NB Compliance Registry is posted on the NBEUB website.

## 1.1.4 Compliance Monitoring

The NBEUB implements a compliance monitoring system for Reliability Standards that is generally based on the requirements of the NERC compliance program. The NB program is documented as the <u>New Brunswick Compliance Monitoring and Enforcement Program (NB CMEP) – Schedule A</u> to the Regulations.

The NBEUB 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 NBEUB 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 NBEUB, which may involve consultations with NERC, for enforcement action in NB.

## 2.0 New Brunswick Annual Implementation Plan (NB AIP)

#### 2.1 Purpose

The purpose of the NB 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 Development Process

The 2023 NB AIP is developed from the NERC 2023 ERO Enterprise Compliance Monitoring and Enforcement Program Implementation Plan (NERC IP), New Brunswick specific Compliance Monitoring and Enforcement history and NPCC entity-specific Compliance Oversight Plan(s).

The 2023 NERC IP takes into account continent wide risks to the reliability of the BPS and focuses compliance monitoring on Reliability Standards relating to the Management of Access and Access Controls, Insufficient Long-Term and Operations Planning Due to Inadequate Models, Loss of Major Transmission Equipment with Extended Lead Times, Inadequate Real-time Analysis During Tool and Data Outages, Improper Determination of Misoperations and Gaps in Program Execution.

NPCC Compliance Oversight Plans take into account entity-specific risks and identify NERC Reliability Standards associated with those risks as part of the compliance oversight plan.

Appendix 1 Table 1 lists the Reliability Standards that will be the focus of compliance monitoring for 2023.

#### 2.3 Approval Process

NBEUB compliance staff, in consultation with NPCC, prepares a draft NB AIP. The NBEUB notifies NB Registered Entities and posts the draft NB AIP on its website for comments. At the end of the comment period the NBEUB will finalize the NB AIP and post the final version on its website by January 1 of the monitoring year. The NB 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 NB AIP and updated versions will be posted on the NBEUB website.

## 3.0 Compliance Monitoring

#### 3.1 Audits

Audits will be carried out according to the schedules set out in the NB AIP. The NBEUB may also initiate unscheduled audits. The NBEUB 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. NBEUB compliance staff will be observers on each audit. 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 may 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 NBEUB. The NBEUB 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.

There are two offsite planned audits for 2023 and one onsite planned audit.

#### 3.2 Self-Certifications

All Registered Entities are subject to reporting self-certification of compliance to the NBEUB according to the schedules established in the NB AIP. Self-certifications are made through the NBEUB <u>Compliance Monitoring and Reporting System (CMRS)</u>.

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

The 2023 reporting schedules for self-certifications are set out in Appendix 3, Tables 4 to 9 (Type SC).

#### 3.3 Spot Checks

The NBEUB may initiate a spot check at any time to verify a Registered Entity's compliance with a Reliability Standard. The NBEUB will provide the Registered Entity at least 20 days advanced notice of a spot check. Spot checks may be conducted by NBEUB 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 NBEUB will provide the Registered Entity with a final spot check report.

Registered Entities that have had previous potential violations of Reliability Standards may be subject to spot checks for those Reliability Standards in 2023.

#### 3.4 Periodic Data Submittals

Certain Reliability Standards contain provisions for the periodic reporting of data. Periodic data reports are made through the NBEUB CMRS according to the schedules established in the NB AIP.

The 2023 reporting schedules for data submittals are set out in Appendix 3, Tables 4 to 9 (Type PD).

#### 3.5 Self-Reporting

A Registered Entity may self-report a possible violation with a Reliability Standard to the NBEUB through the NBEUB CMRS.

## 3.6 Compliance Investigations

The NBEUB 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 NBEUB of a possible violation of a Reliability Standard by completing a <u>compliance</u> <u>complaint form</u> on the NBEUB website.

# **Appendix 1- Reliability Standards Subject to Active Compliance Monitoring in 2023**

**Table 1 - Reliability Standards List** 

Standard	Title
CIP-002-5.1a	Cyber Security — BES Cyber System Categorization
CIP-003-8	Cyber Security - Security Management Controls
CIP-005-6	Cyber Security - Electronic Security Perimeter(s)
CIP-005-7	Cyber Security - Electronic Security Perimeter(s)
CIP-007-6	Cyber Security - System Security Management
CIP-008-6	Cyber Security-Incident Reporting and Response Planning
CIP-010-3	Cyber Security - Configuration Change Management and Vulnerability Assessments
CIP-010-4	Cyber Security - Configuration Change Management and Vulnerability Assessments
CIP-013-1	Cyber Security - Supply Chain Risk Management
CIP-013-2	Cyber Security - Supply Chain Risk Management
CIP-014-3	Physical Security
EOP-011-1	Emergency Operations
EOP-011-2	Emergency Operations
FAC-001-3	Facility Interconnection Requirements
FAC-002-3	Facility Interconnection Studies
FAC-003-4	Transmission Vegetation Management
FAC-008-5	Facility Ratings
PRC-005-6	Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance
PRC-024-3	Frequency and Voltage Protection Settings for Generating Resources

**Table 1 - Reliability Standards List** 

Standard	Title
TPL-001-4	Transmission System Planning Performance Requirements
TPL-001-5.1	Transmission System Planning Performance Requirements

Note: The above table lists Reliability Standards that have been identified by the NBEUB as areas of focus for compliance monitoring in 2023, however Registered Entities are required to be compliant with all Reliability Standards applicable to their registration functions and therefore may be subject to additional compliance monitoring in 2023.

## Appendix 2 – Annual Audit Plan

Table 2 – 2023 Audit Schedule

Registered Entity	Functions Subject to Audit	CIP	O&P	Audit Date
NB Power Corporation (NB Power)	RC, BA, TOP	x	x	12/04/2023
Saint John Energy	DP	х	х	07/10/2023
Liberty Utilities Tinker Transmission LP	DP	х	х	06/27/2023

Table 3 – Reliability Standards Subject to 2023 Compliance Audit

Standard	Title
BAL-001-2	Real Power Balancing Control Performance
BAL-002-3	Disturbance Control Standard – Contingency Reserve for Recovery from a Balancing Contingency Event
BAL-003-1.1	Frequency Response and Frequency Bias Setting
BAL-005-1	Balancing Authority Control
BAL-006-2	Inadvertent Interchange
CIP-002-5.1a	Cyber Security — BES Cyber System Categorization
CIP-003-6	Cyber Security - Security Management Controls
CIP-003-7	Cyber Security - Security Management Controls
CIP-003-8	Cyber Security - Security Management Controls
CIP-004-6	Cyber Security — Personnel & Training
CIP-005-5	Cyber Security - Electronic Security Perimeter(s)

Table 3 – Reliability Standards Subject to 2023 Compliance Audit

Standard	Title
CIP-005-6	Cyber Security - Electronic Security Perimeter(s)
CIP-006-6	Cyber Security — Physical Security of BES Cyber Systems
CIP-005-7	Cyber Security - Electronic Security Perimeter(s)
CIP-007-6	Cyber Security - System Security Management
CIP-008-5	Cyber Security-Incident Reporting and Response Planning
CIP-008-6	Cyber Security-Incident Reporting and Response Planning
CIP-009-6	Cyber Security — Recovery Plans for BES Cyber Systems
CIP-010-2	Cyber Security - Configuration Change Management and Vulnerability Assessments
CIP-010-3	Cyber Security - Configuration Change Management and Vulnerability Assessments
CIP-010-4	Cyber Security - Configuration Change Management and Vulnerability Assessments
CIP-011-2	Cyber Security — Information Protection
CIP-013-1	Cyber Security - Supply Chain Risk Management
CIP-013-2	Cyber Security - Supply Chain Risk Management
CIP-014-3	Physical Security
COM-001-3	Communications
COM-002-4	Operating Personnel Communications Protocols
EOP-004-4	Event Reporting
EOP-005-3	System Restoration from Blackstart Resources
EOP-006-3	System Restoration Coordination
EOP-008-2	Loss of Control Center Functionality
EOP-010-1	Geomagnetic Disturbance Operations
EOP-011-1	Emergency Operations
EOP-011-2	Emergency Operations

Table 3 – Reliability Standards Subject to 2023 Compliance Audit

Standard	Title
FAC-001-3	Facility Interconnection Requirements
FAC-002-3	Facility Interconnection Studies
FAC-003-4	Transmission Vegetation Management
FAC-008-5	Facility Ratings
FAC-011-3	System Operating Limits Methodology for the Operations Horizon
FAC-014-2	Establish and communicate System Operating Limits
INT-009-3	Implementation of Interchange
IRO-001-4	Reliability Coordination – Responsibilities
IRO-002-7	Reliability Coordination – Monitoring and Analysis
IRO-006-5	Reliability Coordination- Transmission Loading Relief (TLR)
IRO-006-EAST-2	Transmission Loading Relief Procedure for the Eastern Interconnection
IRO-008-2	Reliability Coordinator Operational Analyses and Real-time Assessments
IRO-009-2	Reliability Coordinator Actions to Operate Within IROLs
IRO-010-3	Reliability Coordinator Data Specification and Collection
IRO-010-4	Reliability Coordinator Data Specification and Collection
IRO-014-3	Coordination Among Reliability Coordinators
IRO-017-1	Outage Coordination
IRO-018-1(i)	Reliability Coordinator Real-time Reliability Monitoring and Analysis Capabilities
MOD-004-1	Capacity Benefit Margin
MOD-008-1	Transmission Reliability Margin Calculation Methodology
MOD-031-3	Demand and Energy Data
MOD-032-1	Data for Power System Modeling and Analysis
MOD-033-2	Steady-State and Dynamic System Model Validation
NUC-001-4	Nuclear Plant Interface Coordination
PER-003-2	Operating Personnel Credentials

Table 3 – Reliability Standards Subject to 2023 Compliance Audit

Standard	Title
PER-005-2	Operations Personnel Training
PRC-001-1.1(ii)	System Protection Coordination
PRC-005-6	Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance
PRC-024-3	Frequency and Voltage Protection Settings for Generating Resources
TOP-001-5	Transmission Operations
TOP-002-4	Operations Planning
TOP-003-4	Operational Reliability Data
TOP-003-5	Operational Reliability Data
TOP-010-1(i)	Real-time Reliability Monitoring and Analysis Capabilities
TPL-001-4	Transmission System Planning Performance Requirements
TPL-001-5.1	Transmission System Planning Performance Requirements
VAR-001-5	Voltage and Reactive Control

Note: The above table lists Reliability Standards that have been identified by the NBEUB as areas of focus for compliance audits in 2023, however audits may include other Reliability Standards applicable to the Registered Entity's function. 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 3 – Compliance Reporting Schedules

Table 4 – Kent Hills Wind LP 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Kent Hills Wind LP	GO	FAC-003-4	Transmission Vegetation Management	PD		01/01/2023	03/31/2023	04/20/2023
Kent Hills Wind LP	GO, GOP	CIP-005-6	Cyber Security — Electronic Security Perimeter(s)	SC	R2	01/01/2023	03/31/2023	04/20/2023
Kent Hills Wind LP	GO, GOP	CIP-010-3	Cyber Security - Configuration Change Management and Vulnerability Assessments	SC	R1	01/01/2023	03/31/2023	04/20/2023
Kent Hills Wind LP	GO, GOP	CIP-013-1	Cyber Security - Supply Chain Risk Management	SC	R1, R2	01/01/2023	03/31/2023	04/20/2023
Kent Hills Wind LP	GO	FAC-003-4	Transmission Vegetation Management	PD		04/01/2023	06/30/2023	07/20/2023
Kent Hills Wind LP	GO	FAC-003-4	Transmission Vegetation Management	PD		07/01/2023	09/30/2023	10/20/2023
Kent Hills Wind LP	GO	FAC-003-4	Transmission Vegetation Management	PD		10/01/2023	12/31/2023	01/20/2024
Kent Hills Wind LP	GO, GOP	CIP-002-5.1a	Cyber Security — BES Cyber System Categorization	SC	R2	01/01/2023	12/31/2023	03/20/2024
Kent Hills Wind LP	GO, GOP	CIP-003-8	Cyber Security — Security Management Controls	SC	R2	01/01/2023	12/31/2023	03/20/2024

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Table 4 – Kent Hills Wind LP 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Kent Hills Wind LP	GO, GOP	CIP-005-7	Cyber Security — Electronic Security Perimeter(s)	SC	R2	04/01/2023	12/31/2023	03/20/2024
Kent Hills Wind LP	GO, GOP	CIP-007-6	Cyber Security - System Security Management	SC	R3	01/01/2023	12/31/2023	03/20/2024
Kent Hills Wind LP	GO, GOP	CIP-008-6	Cyber Security - Incident Reporting and Response Planning	SC	R1, R2	01/01/2023	12/31/2023	03/20/2024
Kent Hills Wind LP	GO, GOP	CIP-010-4	Cyber Security - Configuration Change Management and Vulnerability Assessments	SC	R1	04/01/2023	12/31/2023	03/20/2024
Kent Hills Wind LP	GO, GOP	CIP-013-2	Cyber Security - Supply Chain Risk Management	SC	R1, R2	04/01/2023	12/31/2023	03/20/2024
Kent Hills Wind LP	GO	EOP-011-2	Emergency Operations	SC	R7	07/01/2023	12/31/2023	03/20/2024
Kent Hills Wind LP	GO	FAC-001-3	Facility Interconnection Requirements	SC	R2	01/01/2023	12/31/2023	03/20/2024
Kent Hills Wind LP	GO	FAC-002-3	Facility Interconnection Studies	SC	R2	01/01/2023	12/31/2023	03/20/2024
Kent Hills Wind LP	GO	FAC-003-4	Transmission Vegetation Management	SC	R1, R2, R3, R4, R5, R6, R7	01/01/2023	12/31/2023	03/20/2024

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Table 4 – Kent Hills Wind LP 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Kent Hills Wind LP	GO	FAC-008-5	Facility Ratings	SC	R6	01/01/2023	12/31/2023	03/20/2024
Kent Hills Wind LP	GO	PRC-005-6	Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance	SC	R1, R2, R3, R4, R5	01/01/2023	12/31/2023	03/20/2024
Kent Hills Wind LP	GO	PRC-024-3	Frequency and Voltage Protection Settings for Generating Resources	SC	R1, R2	01/01/2023	12/31/2023	03/20/2024

Table 5 – Caribou 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Caribou	GO	FAC-003-4	Transmission Vegetation Management	PD		01/01/2023	03/31/2023	04/20/2023
Caribou	GO, GOP	CIP-005-6	Cyber Security — Electronic Security Perimeter(s)	SC	R2	01/01/2023	03/31/2023	04/20/2023
Caribou	GO, GOP	CIP-010-3	Cyber Security - Configuration Change Management and Vulnerability Assessments	SC	R1	01/01/2023	03/31/2023	04/20/2023
Caribou	GO, GOP	CIP-013-1	Cyber Security - Supply Chain Risk Management	SC	R1, R2	01/01/2023	03/31/2023	04/20/2023
Caribou	GO	FAC-003-4	Transmission Vegetation Management	PD		04/01/2023	06/30/2023	07/20/2023

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Table 5 – Caribou 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Caribou	GO	FAC-003-4	Transmission Vegetation Management	PD		07/01/2023	09/30/2023	10/20/2023
Caribou	GO	FAC-003-4	Transmission Vegetation Management	PD		10/01/2023	12/31/2023	01/20/2024
Caribou	GO, GOP	CIP-002-5.1a	Cyber Security — BES Cyber System Categorization	SC	R2	01/01/2023	12/31/2023	03/20/2024
Caribou	GO, GOP	CIP-003-8	Cyber Security — Security Management Controls	SC	R2	01/01/2023	12/31/2023	03/20/2024
Caribou	GO, GOP	CIP-005-7	Cyber Security — Electronic Security Perimeter(s)	SC	R2	04/01/2023	12/31/2023	03/20/2024
Caribou	GO, GOP	CIP-007-6	Cyber Security – System Security Management	SC	R3	01/01/2023	12/31/2023	03/20/2024
Caribou	GO, GOP	CIP-008-6	Cyber Security - Incident Reporting and Response Planning	SC	R1, R2	01/01/2023	12/31/2023	03/20/2024
Caribou	GO, GOP	CIP-010-4	Cyber Security - Configuration Change Management and Vulnerability Assessments	SC	R1	04/01/2023	12/31/2023	03/20/2024
Caribou	GO, GOP	CIP-013-2	Cyber Security - Supply Chain Risk Management	SC	R1, R2	04/01/2023	12/31/2023	03/20/2024
Caribou	GO	EOP-011-2	Emergency Operations	SC	R7	07/01/2023	12/31/2023	03/20/2024
Caribou	GO	FAC-001-3	Facility Interconnection Requirements	SC	R2	01/01/2023	12/31/2023	03/20/2024
Caribou	GO	FAC-002-3	Facility Interconnection Studies	SC	R2	01/01/2023	12/31/2023	03/20/2024

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Table 5 – Caribou 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Caribou	GO	FAC-003-4	Transmission Vegetation Management	SC	R1, R2, R3, R4, R5, R6, R7	01/01/2023	12/31/2023	03/20/2024
Caribou	GO	FAC-008-5	Facility Ratings	SC	R6	01/01/2023	12/31/2023	03/20/2024
Caribou	GO	PRC-005-6	Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance	SC	R1, R2, R3, R4, R5	01/01/2023	12/31/2023	03/20/2024
Caribou	GO	PRC-024-3	Frequency and Voltage Protection Settings for Generating Resources	SC	R1, R2	01/01/2023	12/31/2023	03/20/2024

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Table 6 – NB Power 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
NB Power	GO, TO	FAC-003-4	Transmission Vegetation Management	PD		01/01/2023	03/31/2023	04/20/2023
NB Power	BA, DP, GOP, GO, RC, TOP, TO	CIP-005-6	Cyber Security — Electronic Security Perimeter(s)	SC	R2	01/01/2023	03/31/2023	04/20/2023
NB Power	BA, DP, GOP, GO, RC, TOP, TO	CIP-010-3	Cyber Security - Configuration Change Management and Vulnerability Assessments	SC	R1	01/01/2023	03/31/2023	04/20/2023
NB Power	BA, DP, GOP, GO, RC, TOP, TO	CIP-013-1	Cyber Security - Supply Chain Risk Management	SC	R1, R2	01/01/2023	03/31/2023	04/20/2023
NB Power	TOP, BA, RC	EOP-011-1	Emergency Operations	SC	R1, R2, R3, R6	01/01/2023	06/30/2023	07/20/2023
NB Power	GO, TO	FAC-003-4	Transmission Vegetation Management	PD		04/01/2023	06/30/2023	07/20/2023
NB Power	GO, TO	FAC-003-4	Transmission Vegetation Management	PD		07/01/2023	09/30/2023	10/20/2023

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Table 6 – NB Power 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
NB Power	PA, TP	TPL-001-4	Transmission System Planning Performance Requirements	SC	R4, R6	01/01/2023	09/30/2023	10/20/2023
NB Power	GO, TO	FAC-003-4	Transmission Vegetation Management	PD		10/01/2023	12/31/2023	01/20/2024
NB Power	BA, DP, GOP, GO, RC, TOP, TO, IA	CIP-002-5.1a	Cyber Security — BES Cyber System Categorization	SC	R2	01/01/2023	12/31/2023	03/20/2024
NB Power	BA, DP, GOP, GO, RC, TOP, TO, IA	CIP-003-8	Cyber Security — Security Management Controls	SC	R2	01/01/2023	12/31/2023	03/20/2024
NB Power	BA, DP, GOP, GO, RC, TOP, TO	CIP-005-7	Cyber Security — Electronic Security Perimeter(s)	SC	R2	04/01/2023	12/31/2023	03/20/2024
NB Power	BA, DP, GOP, GO, RC, TOP, TO	CIP-007-6	Cyber Security - System Security Management	SC	R3	01/01/2023	12/31/2023	03/20/2024

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Table 6 – NB Power 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
NB Power	BA, DP, GOP, GO, RC, TOP, TO	CIP-008-6	Cyber Security - Incident Reporting and Response Planning	SC	R1, R2	01/01/2023	12/31/2023	03/20/2024
NB Power	BA, DP, GOP, GO, RC, TOP, TO	CIP-010-4	Cyber Security - Configuration Change Management and Vulnerability Assessments	SC	R1	04/01/2023	12/31/2023	03/20/2024
NB Power	BA, DP, GOP, GO, RC, TOP, TO	CIP-013-2	Cyber Security - Supply Chain Risk Management	SC	R1, R2	04/01/2023	12/31/2023	03/20/2024
NB Power	ТО	CIP-014-3	Physical Security	SC	R1	01/01/2023	12/31/2023	03/20/2024
NB Power	GO, TOP, BA, RC	EOP-011-2	Emergency Operations	SC	R1, R2, R3, R6, R7	07/01/2023	12/31/2023	03/20/2024
NB Power	GO, TO	FAC-001-3	Facility Interconnection Requirements	SC	R1, R2	01/01/2023	12/31/2023	03/20/2024
NB Power	GO, TO, PA	FAC-002-3	Facility Interconnection Studies	SC	R1, R2	01/01/2023	12/31/2023	03/20/2024

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Table 6 – NB Power 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
NB Power	GO, TO	FAC-003-4	Transmission Vegetation Management	SC	R1, R2, R3, R4, R5, R6, R7	01/01/2023	12/31/2023	03/20/2024
NB Power	GO, TO	FAC-008-5	Facility Ratings	SC	R6	01/01/2023	12/31/2023	03/20/2024
NB Power	GO, TO, DP	PRC-005-6	Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance	SC	R1, R2, R3, R4, R5	01/01/2023	12/31/2023	03/20/2024
NB Power	GO	PRC-024-3	Frequency and Voltage Protection Settings for Generating Resources	SC	R1, R2	01/01/2023	12/31/2023	03/20/2024
NB Power	PA, TP	TPL-001-5.1	Transmission System Planning Performance Requirements	SC	R4, R6	10/01/2023	12/31/2023	03/20/2024

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Table 7 – Saint John Energy 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Saint John Energy	DP	CIP-005-6	Cyber Security — Electronic Security Perimeter(s)	SC	R2	01/01/2023	03/31/2023	04/20/2023
Saint John Energy	DP	CIP-010-3	Cyber Security - Configuration Change Management and Vulnerability Assessments	SC	R1	01/01/2023	03/31/2023	04/20/2023
Saint John Energy	DP	CIP-013-1	Cyber Security - Supply Chain Risk Management	SC	R1, R2	01/01/2023	03/31/2023	04/20/2023
Saint John Energy	DP	CIP-002-5.1a	Cyber Security — BES Cyber System Categorization	SC	R2	01/01/2023	12/31/2023	03/20/2024
Saint John Energy	DP	CIP-003-8	Cyber Security — Security Management Controls	SC	R2	01/01/2023	12/31/2023	03/20/2024
Saint John Energy	DP	CIP-005-7	Cyber Security — Electronic Security Perimeter(s)	SC	R2	04/01/2023	12/31/2023	03/20/2024
Saint John Energy	DP	CIP-007-6	Cyber Security - System Security Management	SC	R3	01/01/2023	12/31/2023	03/20/2024
Saint John Energy	DP	CIP-008-6	Cyber Security - Incident Reporting and Response Planning	SC	R1, R2	01/01/2023	12/31/2023	03/20/2024
Saint John Energy	DP	CIP-010-4	Cyber Security - Configuration Change Management and Vulnerability Assessments	SC	R1	04/01/2023	12/31/2023	03/20/2024

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Table 7 – Saint John Energy 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Saint John Energy	DP	CIP-013-2	Cyber Security - Supply Chain Risk Management	SC	R1, R2	04/01/2023	12/31/2023	03/20/2024
Saint John Energy	DP	PRC-005-6	Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance	SC	R1, R2, R3, R4, R5	01/01/2023	12/31/2023	03/20/2024

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Table 8 – Irving Oil Refining G.P. 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Irving Oil Refining G.P.	ТО	FAC-003-4	Transmission Vegetation Management	PD		01/01/2023	03/31/2023	04/20/2023
Irving Oil Refining G.P.	ТО	CIP-005-6	Cyber Security — Electronic Security Perimeter(s)	SC	R2	01/01/2023	03/31/2023	04/20/2023
Irving Oil Refining G.P.	ТО	CIP-010-3	Cyber Security - Configuration Change Management and Vulnerability Assessments	SC	R1	01/01/2023	03/31/2023	04/20/2023
Irving Oil Refining G.P.	ТО	CIP-013-1	Cyber Security - Supply Chain Risk Management	SC	R1, R2	01/01/2023	03/31/2023	04/20/2023
Irving Oil Refining G.P.	ТО	FAC-003-4	Transmission Vegetation Management	PD		04/01/2023	06/30/2023	07/20/2023
Irving Oil Refining G.P.	ТО	FAC-003-4	Transmission Vegetation Management	PD		07/01/2023	09/30/2023	10/20/2023
Irving Oil Refining G.P.	ТО	FAC-003-4	Transmission Vegetation Management	PD		10/01/2023	12/31/2023	01/20/2024

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Table 8 – Irving Oil Refining G.P. 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Irving Oil Refining G.P.	ТО	CIP-002-5.1a	Cyber Security — BES Cyber System Categorization	SC	R2	01/01/2023	12/31/2023	03/20/2024
Irving Oil Refining G.P.	ТО	CIP-003-8	Cyber Security — Security Management Controls	SC	R2	01/01/2023	12/31/2023	03/20/2024
Irving Oil Refining G.P.	ТО	CIP-005-7	Cyber Security — Electronic Security Perimeter(s)	SC	R2	04/01/2023	12/31/2023	03/20/2024
Irving Oil Refining G.P.	ТО	CIP-007-6	Cyber Security - System Security Management	SC	R3	01/01/2023	12/31/2023	03/20/2024
Irving Oil Refining G.P.	ТО	CIP-008-6	Cyber Security - Incident Reporting and Response Planning	SC	R1, R2	01/01/2023	12/31/2023	03/20/2024
Irving Oil Refining G.P.	ТО	CIP-010-4	Cyber Security - Configuration Change Management and Vulnerability Assessments	SC	R1	04/01/2023	12/31/2023	03/20/2024
Irving Oil Refining G.P.	ТО	CIP-013-2	Cyber Security - Supply Chain Risk Management	SC	R1, R2	04/01/2023	12/31/2023	03/20/2024

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Table 8 – Irving Oil Refining G.P. 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Irving Oil Refining G.P.	ТО	CIP-014-3	Physical Security	SC	R1	01/01/2023	12/31/2023	03/20/2024
Irving Oil Refining G.P.	ТО	FAC-001-3	Facility Interconnection Requirements	SC	R1	01/01/2023	12/31/2023	03/20/2024
Irving Oil Refining G.P.	ТО	FAC-003-4	Transmission Vegetation Management	SC	R1, R2, R3, R4, R5, R6, R7	01/01/2023	12/31/2023	03/20/2024
Irving Oil Refining G.P.	ТО	FAC-008-5	Facility Ratings	SC	R6	01/01/2023	12/31/2023	03/20/2024
Irving Oil Refining G.P.	ТО	PRC-005-6	Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance	SC	R1, R2, R3, R4, R5	01/01/2023	12/31/2023	03/20/2024

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Table 9 – Liberty Utilities Tinker Transmission LP 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Liberty Utilities Tinker	DP	CIP-005-6	Cyber Security — Electronic Security Perimeter(s)	SC	R2	01/01/2023	03/31/2023	04/20/2023
Liberty Utilities Tinker	DP	CIP-010-3	Cyber Security - Configuration Change Management and Vulnerability Assessments	SC	R1	01/01/2023	03/31/2023	04/20/2023
Liberty Utilities Tinker	DP	CIP-013-1	Cyber Security - Supply Chain Risk Management	SC	R1, R2	01/01/2023	03/31/2023	04/20/2023
Liberty Utilities Tinker	DP	CIP-002-5.1a	Cyber Security — BES Cyber System Categorization	SC	R2	01/01/2023	12/31/2023	03/20/2024
Liberty Utilities Tinker	DP	CIP-003-8	Cyber Security — Security Management Controls	SC	R2	01/01/2023	12/31/2023	03/20/2024
Liberty Utilities Tinker	DP	CIP-005-7	Cyber Security — Electronic Security Perimeter(s)	SC	R2	04/01/2023	12/31/2023	03/20/2024
Liberty Utilities Tinker	DP	CIP-007-6	Cyber Security - System Security Management	SC	R3	01/01/2023	12/31/2023	03/20/2024

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Table 9 – Liberty Utilities Tinker Transmission LP 2023 Compliance Reporting Schedule

Registered Entity	Function	Standard	Title	Туре	Req's	Start of Reporting Period	End of Reporting Period	Due Date
Liberty Utilities Tinker	DP	CIP-008-6	Cyber Security - Incident Reporting and Response Planning	SC	R1, R2	01/01/2023	12/31/2023	03/20/2024
Liberty Utilities Tinker	DP	CIP-010-4	Cyber Security - Configuration Change Management and Vulnerability Assessments	SC	R1	04/01/2023	12/31/2023	03/20/2024
Liberty Utilities Tinker	DP	CIP-013-2	Cyber Security - Supply Chain Risk Management	SC	R1, R2	04/01/2023	12/31/2023	03/20/2024
Liberty Utilities Tinker	DP	PRC-005-6	Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance	SC	R1, R2, R3, R4, R5	01/01/2023	12/31/2023	03/20/2024

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# Glossary

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