

ELECTRICITY BUSINESS RULES

Appendix F

Reliability Requirements

NPCC Criteria and Directories

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Part 1 Introduction

1.1 Purpose

The Transmission Provider in ensuring the reliable planning, design and operation of the Integrated Electricity System (the “IES”) has adopted the Reliability Requirements listed in Table 1 of this appendix. These Reliability Requirements will be applicable, on a non-discriminatory basis, to those Transmission Customers with Facilities in New Brunswick that are material to the reliability of the IES.

1.4 Applicability

Table 2, Applicability, generally describes the entities for which the particular requirements are applicable. The Transmission Provider will directly notify those entities for which the requirements apply and provide further detail on the necessary activities to ensure reliability.

Table 1			
Adopted NPCC Criteria and Directories			
Standard	Title	Approved Date	Effective Date
A-07	NPCC Glossary of Terms (NPCC Glossary of Terms replaces A-07 on its Effective Date)	07/17/07	07/17/07
A-10	Classification of Bulk Power System Elements	02/28/11	02/28/11
A-15	Disturbance Monitoring Equipment Criteria	09/07/07	09/07/07
Directory #1	Design and Operation of the BPS	02/28/11	02/28/11
Directory #2	Emergency Operations	02/08/10	02/08/10
Directory #3	Maintenance Criteria for BPS Protection	02/08/10	02/08/10
Directory #4	System Protection Criteria	02/28/11	02/28/11
Directory #5	Reserve	02/28/11	02/28/11
Directory #7	Special Protection Systems	02/23/09	02/23/09
Directory #8	System Restoration	02/28/11	02/28/11
Directory #9 V.2 (12/28/2011)	Verification of Generator Gross and Net Real Power Capability	04/30/12	04/30/12
Directory #10 V.2 (12/28/2011)	Verification of Generator Gross and net Reactive Power Capability	04/30/12	04/30/12
Directory #12	Underfrequency Load Shedding Program Requirements	02/28/10	02/28/10

Table 2 Applicability		
Standard	Title	Applicability
A-07	NPCC Glossary of Terms (NPCC Glossary of Terms replaces A-07 on its Effective Date)	As used in respective Criteria or Directory document
A-10	Classification of Bulk Power System Elements	Transmission entities
A-15	Disturbance Monitoring Equipment Criteria	Bulk Power Facilities and Generation Facilities with Generators exceeding 50 MW or aggregate of 300 MW.
Directory #1	Design and Operation of the BPS	Transmission entities
Directory #2	Emergency Operations	Transmission and Generation entities
Directory #3	Maintenance Criteria for BPS Protection	Transmission, Generation and Distribution entities
Directory #4	System Protection Criteria	Transmission and Generation entities
Directory #5	Reserve	Transmission, Distribution and Generation entities
Directory #7	Special Protection Systems	Transmission, Distribution and Generation entities
Directory #8	System Restoration	Transmission and Generation entities

Directory #9 V.2 (12/28/2011)	Verification of Generator Gross and Net Real Power Capability	Generation entities
Directory #10 V.2 (12/28/2011)	Verification of Generator Gross and net Reactive Power Capability	Generation entities
Directory #12	Underfrequency Load Shedding Program Requirements	Transmission, Distribution and Generation entities