

ELECTRICITY BUSINESS RULES

Appendix A – Definitions

Term	Definition
10-Year Outlook	Has the meaning given in section 2.1.1.1
Actual Energy Variance Settlement Credit (AEVSC)	Has the meaning given to it in section 4.10
Actual Energy Variance Settlement Credit for Generation (AEVSCG)	Has the meaning given to it in section 4.10
Actual Energy Variance Settlement Credit for Load (AEVSCL)	Has the meaning given to it in section 4.10.
Adequacy	The ability of a Zone, a Transmission System or the Integrated Electricity System to supply aggregate electrical Demand and energy requirements to some recognized degree of certainty at all times, taking into account scheduled and reasonably unscheduled Outages of facilities, equipment or components.
Adequacy Assessments	The ability of supply-side and demand-side resources to meet the aggregate electrical demand (including losses).
Ancillary Service(s)	As defined in the Tariff [Those services that are necessary to support the transmission of capacity and energy from resources to loads while maintaining reliable operation of the Transmission Provider's Transmission System in accordance with Good Utility Practice].
Ancillary Services Re-Dispatch Cost (ASRC)	Has the meaning given to it in section 4.11
Automatic Generation Control Service (AGC)	An Ancillary Service under which the output from a Generation Facility is automatically adjusted by the SO from a centralized location based on automated, electronic signals in order to control frequency and to maintain the short-term balance of load and generation.
Available Transfer Capability (ATC)	The transfer capability remaining in the Transmission System for further commercial activity over and above already committed uses.
Balanced Schedule	A schedule submitted to the SO by a Transmission Customer for the purpose of requesting the SO to schedule an Ancillary Services self-supply or energy transaction into, through or out of the Integrated Electricity System.

Balancing Authority	As defined in the NERC Glossary of terms. [The responsible entity that integrates resource plans ahead of time, maintains load-interchange-generation balance within a Balancing Authority Area, and supports Interconnection frequency in real time].
Baseline Plan	A plan prepared by the SO in accordance with Chapter 2 of the Electricity Business Rules.
Black Start Capability Service	An Ancillary Service which is the capability of a Generation Facility or generation unit to go from a shutdown condition to an operating condition and to start delivering energy without the assistance of an outside electrical supply..
Board	As defined in the Electricity Act. [The New Brunswick Energy and Utilities Board continued under Energy and Utilities Board Act].
Board Approved Reliability Standards	Reliability standards that have been approved by the New Brunswick Energy and Utilities Board.
Business Day	As defined in the Tariff. [A Business Day is Monday to Friday, inclusive, excluding statutory holidays for the Transmission Provider. The regular business hours on a Business Day are from 08:15 hour to 16:30 hour Atlantic Time].
Capacity Based Ancillary Services (CBAS)	The ancillary services outlined in Schedules 3, 5 and 6 of the Tariff.
Commitment Schedule	A schedule prepared by the SO that identifies the required start-up, synchronization and operation of Facilities.
Connection Applicant	A person that applies to the SO for approval of the connection of a new or modified facility to the IES or for approval to make or modify an Interconnection.
Connection Assessment	A Feasibility Review and/or a System Impact Study, as the context may require.
Corporation	Means NB Power.
Day Ahead	The Business Day immediately preceding the Dispatch Day.
Delivery Point	A point of connection on the IES where energy and capacity are injected or withdrawn.

Dispatch Data	Data submitted to the SO by a Transmission User for a Generation Facility for use by the SO in the scheduling and dispatch of the IES and certain Facilities and in the settlement in respect of re-dispatch.
Dispatch Day	A day on which the SO schedules and dispatches Facilities.
Dispatch Hour	An hour for which a schedule or Dispatch Instructions are issued by the SO.
Dispatch Instructions	Instructions issued by the SO under 3.3 in respect of a Facility that direct the manner in which the Facility must operate during a Dispatch Hour.
Distribution System	A system for distributing electricity to consumers at voltages of less than 69 kV, and includes any structures, equipment or other things used for that purpose.
Electricity Act	The New Brunswick Electricity Act.
Electricity Business Rules (the "Business Rules")	The Electricity Business Rules established under section 74 of the Electricity Act.
Emergency Energy	Energy acquired by the SO from another Balancing Authority or the operator of a transmission system in a neighbouring jurisdiction or provided by the SO to another Balancing Authority or to the operator of a transmission system in a neighbouring jurisdiction to maintain either the Reliability of the IES or the Reliability of a transmission system in a neighbouring jurisdiction.
External Load Facility	A load facility outside New Brunswick but within the NB Balancing Area.
Facility (Facilities)	A Load Facility, a Generation Facility, and/or a Transmission Facility as the context may require and, except as otherwise provided in the Business Rules.
Feasibility Review	A review conducted by the Transmission Provider under the Business Rules Chapter 2.
Final Day Ahead Balanced Schedule (FDABS)	A Balanced Schedule described in section 3.3.7.1

Final Day Ahead Commitment Schedule (FDACS)	A Commitment Schedule prepared by the SO under section 3.3.7.2
Final Hourly Balanced Schedule(FHBS)	A Balanced Schedule described in section 3.3.8.1.
Final Hourly Commitment Schedule (FHCS)	A Commitment Schedule prepared by the SO under section 3.3.9.1.
Final Hourly Marginal Cost (FHMC)	The marginal cost saving to the system that would have been achieved if system primary demand had been reduced by 1 MW in the FHCS referred to in section 3.3.9.
Forced Outage	The removal from service of equipment for emergency reasons or a condition in which the facility equipment is unavailable, in whole or in part, due to unanticipated failure, and includes a forced de-rating. For greater certainty, the urgent removal from service or de-rating of equipment in order to prevent an actual failure that could jeopardize safety, the environment, or the equipment itself may, if it could not reasonably have been anticipated, be considered a Forced Outage.
Firm ATC	Has the meaning given to it in the Tariff.
Firm Point-to-Point Transmission Service	Has the meaning given to it in the Tariff.
Generation Connection Agreement	An agreement between the Transmission Provider and a generator owner, as described in Attachment J of the Tariff.
Generation Facility	As defined in the Electricity Act [a Facility for generating electricity or providing Ancillary Services, other than Ancillary Services provided through the operation of a Transmission System, and includes any structures, equipment or other things used for that purpose].
Generation Schedule	A schedule indicating a Transmission User's intentions with respect to production of each of its Generation Facilities in each time interval covered by the schedule.
Good Utility Practice	As defined in the Tariff. [Any of the practices, methods and acts engaged in or approved by a significant portion of the electric utility industry during the relevant time period, or any of the practices, methods and acts which, in the exercise of reasonable judgment in light of the facts known at the time the decision was made, could have been expected to

	accomplish the desired result at a reasonable cost consistent with good business practices, reliability, safety and expedition. Good Utility Practice is not intended to be limited to the optimum practice, method, or act to the exclusion of all others, but rather to be acceptable practices, methods, or acts generally accepted in the region.]						
Imbalance Quantity – Generation (IQG)	Has the meaning given to it in section 4.10						
Imbalance Quantity – Load (IQL)	Has the meaning given to it in section 4.10						
Incremental Operating Reserve	Operating reserve requirements arising from contingencies in excess of the Incremental Operating Reserve Threshold.						
Incremental Operating Reserve Threshold	The threshold contingency size referred to in Schedules 5 and 6 of the Tariff. <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Value (MW)</th> </tr> </thead> <tbody> <tr> <td>October 1, 2004</td> <td>500</td> </tr> <tr> <td>July 1, 2008</td> <td>550</td> </tr> </tbody> </table>	Effective Date	Value (MW)	October 1, 2004	500	July 1, 2008	550
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October 1, 2004	500						
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Integrated Electricity System (IES)	As defined in the Electricity Act [The transmission systems in the Province and the structures, equipment or other things that connect those transmission systems with generation facilities and distribution systems in the Province and with transmission systems outside the Province]						
Interchange Transaction Tag (e-Tag)	The details of an Interchange Transaction required for its physical implementation.						
Interconnection	A connection between the IES and a Transmission System outside of New Brunswick.						
Interconnection Agreement	An agreement between the SO and the person that owns or operates a Transmission System outside of New Brunswick with respect to the operation of an Interconnection with the IES.						
Load Facility	A Facility that draws electricity from the IES and includes any structures, equipment or other things used for that purpose.						

Load Following Service	Has the meaning given to it in the Tariff.
Long-Term Firm	Has the meaning given to it in the Tariff.
Maritimes Area	The area comprising the Province of New Brunswick, the Province of Nova Scotia, the Province of Prince Edward Island and two areas within the northern part of the State of Maine.
Must-Run Status	A generation resource is assigned a must-run status when the absence of the generation resource will result in an unacceptable reliability risk or have adverse impact on the Integrated Electricity System or Zones within.
NB Balancing Area	The combined areas of New Brunswick, Prince Edward Island and Northern Maine, as defined by those Interconnection agreements referenced in section 3.0.4.2.
NERC	Means the North American Electric Reliability Corporation.
Network Integration Transmission Service	As defined in the Tariff.
Network Operating Agreement	As defined in the Tariff. [An executed agreement that contains the terms and conditions under which the Network Customer shall operate its facilities and the technical and operational matters associated with the implementation of Network Integration Transmission Service under Part III of the Tariff].
Network Secondary	Has the meaning given to it in the Tariff.
Non-Dispatchable Variable Generators	A generation facility that is subject to instantaneous or near-instantaneous limitation on its output by wind speed, river flows, or other non-controllable variable inputs.
North America Energy Standards Board (NAESB)	The North American Energy Standards Board (NAESB) serves as an industry forum for the development and promotion of standards which will lead to a seamless marketplace for wholesale and retail natural gas and electricity, as recognized by its customers, business community, participants, and regulatory entities.
Northeast Power Coordinating Council (NPCC)	A not-for-profit corporation in the state of New York responsible for promoting and improving the reliability of the international, interconnected bulk power system in North Eastern North America. NPCC geographic region is comprised of the State of New York and the six New England states as

	well as the Canadian provinces of Ontario, Québec and the Maritime provinces of New Brunswick and Nova Scotia. NPCC is one of the eight Regional Reliability Organizations within NERC.
OASIS	As defined in the Tariff.
Open Access Transmission Tariff (the "Tariff")	Has the same meaning as "approved transmission tariff" as defined in the Electricity Act.
Operating Agreement	An agreement between the SO and a Generation, Transmission, or Load Facility owner that details operating procedures and practices necessary for the safe and reliable operation of the IES.
Operating Reserve	Generation capacity or load reduction capacity that can be called upon on short notice by the SO to replace scheduled energy supply which is unavailable as a result of an unexpected Outage or to augment scheduled energy as a result of unexpected Demand or other contingencies.
Operating Reserve Service	An Ancillary Service under which generation capacity or load reduction capacity can be called upon on short notice by the SO to replace scheduled energy supply which is unavailable as a result of an unexpected Outage or to augment scheduled energy as a result of unexpected Demand or other contingencies.
Outage(s)	Refers to any transmission equipment Outage or de-rate, generation Outage or de-rate, facility Outage or de-rate, protection equipment or scheme Outage, Supervisory Control And Data Acquisition (SCADA) component or system Outage or any other Outage to equipment or schemes deemed by the System Operator to be impactful to the power system or any combination thereof.
Point(s) of Delivery (POD)	As defined in the Tariff.
Point(s) of Receipt (POR)	As defined in the Tariff.
Point-To-Point Transmission Service	As defined in the Tariff. [The reservation and transmission of capacity and energy on either a firm or non-firm basis from the Point(s) of Receipt to the Point(s) of Delivery under Part II of the Tariff].

Point-to-Point Transmission Service Agreement	An agreement entered into by the Transmission Customer and the Transmission Provider for Point-to-Point Transmission Service, with such service as defined in the Tariff.
Power Control Instruction	Has the meaning given to it in section 3.3.9.3
Provisional Balanced Schedule	A Balanced Schedule that has not yet become a Final Day Ahead Balanced Schedule.
Proximate Area	An area on the IES that is electrically proximate to the IES that is the subject-matter of a Request for Connection Assessment.
Published	Means posted on NB Power's external website or Open Access Same-Time Information System or otherwise simultaneously available to all Transmission Users and potential Transmission Users.
Purchasing-Selling-Entity (PSE)	The entity that purchases or sells, and takes title to, energy, capacity, and Interconnected Operations Services. Purchasing-Selling Entities may be affiliated or unaffiliated merchants and may or may not own generating facilities.
Radial Interconnection(s)	An Interconnection with a Transmission System whose only point of connection with another jurisdiction is with the IES.
Reactive Supply and Voltage Control	An Ancillary Service under which a Generation Facility adjusts its output to maintain reactive power levels and the voltage required by the IES.
Re-dispatch	Adjustment by the SO of a generation facility's MW output schedule from that provided by the Transmission User.
Regional Reliability Organization	Refer to Northeast Power Coordinating Council (NPCC).
Regulation	Has the meaning given to it in the Tariff.
Reliability	The degree of performance of a Zone, a Transmission System, or the Integrated Electricity System that results in electricity being delivered within accepted standards in an Adequate and secure manner and in the amount desired.
Reliability Assessments	Assessments carried out on an operational or planning horizon to ensure the reliability of the Integrated Electricity System and interconnected systems.

Reliability Coordinator	As defined by NERC. [The entity that is the highest level of authority who is responsible for the reliable operation of the Bulk Electric System, has the Wide Area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The Reliability Coordinator has the purview that is broad enough to enable the calculation of Interconnection Reliability Operating Limits, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.
Reliability Directive	As defined by NERC. [A communication initiated by a Reliability Coordinator, Transmission Operator, or Balancing Authority where action by the recipient is necessary to address an Emergency or Adverse Reliability Impact.
Reliability Requirements	Reliability Standards developed or adopted by the Transmission Provider as described in section 3.7.
Reliability Standards	Board Approved Reliability Standards or Transmission Provider Reliability Requirements.
Request for Connection Assessment	A request submitted to the SO under section 2.2 for the purpose of obtaining the SO's approval for the connection of a new or modified Facility to the IES or the SO's approval to make or modify an Interconnection
Residual Uplift	Has the meaning given to it in section 4.12.
Supervisory Control and Data Acquisition (SCADA)	The real-time operating system used by the SO to monitor and control the Integrated Electricity System
Schedule Rounding Amount (SRA)	The amount determined under section 4.10.
Settlement Period	A period of one month for which settlement amounts are calculated and settlement statements are issued.
Short-Term Firm Point-to-Point Transmission Service	As defined in the Tariff.
Standards of Conduct	Board approved compliance program describing the separation of marketing and transmission functions to ensure no undue preferential treatment of the Corporation's affiliate marketing division.

System Impact Study	As defined in the Tariff. [An assessment by the Transmission Provider of the adequacy of the Transmission System to accommodate a request for either Firm Point-To-Point Transmission Service or Network Integration Transmission Service and whether any additional costs may be incurred in order to provide transmission service].
System Operator (SO)	A subset of the Transmission Provider that performs Transmission Functions.
Third Party	Ownership other than by the Corporation.
Transmission Customer	As defined in the Tariff. [Any Eligible Customer (or its Designated Agent) that executes a Service Agreement, or requests in writing that the Transmission Provider file with the Board, a proposed unexecuted Service Agreement to receive transmission service under Part II of the Tariff. This term is used in the Part I Common Service Provisions to include customers receiving transmission service under Part II and Part III of this Tariff].
Transmission Function	As defined in NB Power's Standards of Conduct. [involves the planning, directing, organizing or carrying out of day-to-day transmission operations, including the granting and denying of transmission service requests. The transmission function includes activities focused on short-term real time operations, including those decisions made in advance of real time but directed at real time operations, and activities that support the granting or denying of requests for transmission service including interconnection service].
Transmission Provider	As defined in the Tariff. [New Brunswick System Operator or its successor (or its Designated Agent) that controls and directs the operation of facilities used for the transmission of electric energy and provides transmission service].
Transmission Service	As defined in the Electricity Act. [means the movement or transfer of electricity at voltages of 69 kilovolts or more over an interconnected group of lines and associated equipment between points of receipt and points of delivery to a consumer or to another electric system].
Transmission System	As defined in the Electricity Act. [means a system for providing transmission service, and includes any structures, equipment or other things used for that service].

Transmission User	Has the meaning given to it in section 1.2.
Transmitter	As defined in the Electricity Act. [(a) the Corporation, and (b) any other person who, immediately before the commencement of this definition, owned a transmission system within the Province as well as any subsequent owner of that transmission system].
Urgent Amendment	An amendment to the Business Rule made in accordance with section 77 of the Electricity Act pertaining to urgent amendments.
Virtual Delivery Point	A notional point assigned by the SO for the purpose of allowing the submission of Balanced Schedules in respect of multiple Delivery Points.
Zone	A part of the Integrated Electricity System that requires special consideration due to transmission constraints or voltage support requirements.