

Glossary of Terms and Acronyms used in Reliability Standards

~~October 2021~~ Month xx, 20xx

Term	Acronym	Definition
		<p>(Réserve pour contingence) Source : Glossary of Terms Used in NERC Reliability Standards</p>
Contract Path		<p>An agreed upon electrical path for the continuous flow of electrical power between the parties of an Interchange Transaction. (Chemin réservé) Source : Glossary of Terms Used in NERC Reliability Standards</p>
Control Center		<p>One or more facilities hosting operating personnel that monitor and control the Bulk Electric System (BES) in real-time to perform the reliability tasks, including their associated data centers, of: 1) a Reliability Coordinator, 2) a Balancing Authority, 3) a Transmission Operator for transmission Facilities at two or more locations, or 4) a Generator Operator for generation Facilities at two or more locations. (Centre de contrôle) Source : Glossary of Terms Used in NERC Reliability Standards</p>
Control Performance Standard	CPS	<p>The reliability standard that sets the limits of a Balancing Authority's Area Control Error over a specified time period. (Norme de performance du réglage) Source : Glossary of Terms Used in NERC Reliability Standards</p>
Control Room		<p>Site where are located systems, terminals or control panel for the monitoring and control of a generating or transmission facility. The control room is located in the same facility it operates and can also be used for the monitoring or control of other facilities on the same site (generating facility's switchyard, adjacent generating facility). (Salle de commande) Source : Hydro-Québec, Coordonnateur de la fiabilité (HQCF) Direction – Contrôle des mouvements d'énergie</p>
Corrective Action Plan		<p>A list of actions and an associated timetable for implementation to remedy a specific problem. (Plan d'actions correctives) Source : Glossary of Terms Used in NERC Reliability Standards</p>
Cranking Path		<p>A portion of the electric system that can be isolated and then energized to deliver electric power from a generation source to enable the startup of one or more other generating units. (Chemin de démarrage) Source : Glossary of Terms Used in NERC Reliability Standards</p>
Curtailment		<p>A reduction in the scheduled capacity or energy delivery of an Interchange Transaction. (Réduction) Source : Glossary of Terms Used in NERC Reliability Standards</p>

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Limit T _v		acceptable. Each Interconnection Reliability Operating Limit's T _v shall be less than or equal to 30 minutes. (T_v de limite d'exploitation pour la fiabilité de l'Interconnexion) Source : Glossary of Terms Used in NERC Reliability Standards
Intermediate Balancing Authority		A Balancing Authority on the scheduling path of an Interchange Transaction other than the Source Balancing Authority and Sink Balancing Authority. (Responsable de l'équilibrage intermédiaire) Source : Glossary of Terms Used in NERC Reliability Standards
Intermediate System		A Cyber Asset or collection of Cyber Assets performing access control to restrict Interactive Remote Access to only authorized users. The Intermediate System must not be located inside the Electronic Security Perimeter. (Système intermédiaire) Source : Glossary of Terms Used in NERC Reliability Standards
Interpersonal Communication		Any medium that allows two or more individuals to interact, consult, or exchange information. (Communication interpersonnelle) Source: Glossary of terms used in NERC Reliability Standards
Interruptible Load or Interruptible Demand		Demand that the end-use customer makes available to its Load-Serving Entity via contract or agreement for curtailment. (Charge interruptible)(Demande interruptible) Source : Glossary of Terms Used in NERC Reliability Standards
Joint Control		Automatic Generation Control of jointly owned units by two or more Balancing Authorities. (Réglage conjoint) Source : Glossary of Terms Used in NERC Reliability Standards
Limiting Element		The element that is 1.) Either operating at its appropriate rating, or 2,) Would be following the limiting contingency. Thus, the Limiting Element establishes a system limit. (Élément limiteur) Source : Glossary of Terms Used in NERC Reliability Standards
Load		1. An end-use device or customer that receives power from the electric system. 2. Power consumed by a customer. (see Demand) (Charge) Sources : 1. Glossary of Terms Used in NERC Reliability Standards 2. Hydro-Québec, Coordonnateur de la fiabilité (HQCF) Direction – Contrôle des mouvements d'énergie
Load Shift Factor	LSF	A factor to be applied to a load's expected change in demand to determine the amount of flow contribution that change in demand will impose on an identified transmission facility or monitored

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		Flowgate. (Facteur de changement de charge) Source : Glossary of Terms Used in NERC Reliability Standards
Load-Serving Entity	LSE	<p>Effective until September 30, 2021: Secures energy and transmission service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.</p> <p>Effective on October 1, 2021: Secures energy and Transmission Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.</p> <p>(Responsable de l’approvisionnement) Source : Glossary of Terms Used in NERC Reliability Standards</p>
Long-Term Transmission Planning Horizon		Transmission planning period that covers years six through ten or beyond when required to accommodate any known longer lead time projects that may take longer than ten years to complete. (Horizon de planification du transport à long terme) Source : Glossary of Terms Used in NERC Reliability Standards
Main Transmission System	RTP	The transmission system comprised of equipment and lines generally carrying large quantities of energy and of generating facilities of 50 MVA or more, providing control over reliability parameters: <ul style="list-style-type: none"> • Generation/load balancing • Frequency control • Level of operating reserves • Voltage control of the system and tie lines • Power flows within operating limits • Coordination and monitoring of interchange transactions • Monitoring of special protection systems • System restoration (Réseau de transport principal) Source : Hydro-Québec, Coordonnateur de la fiabilité (HQCF) Direction – Contrôle des mouvements d’énergie
Minimum Vegetation Clearance Distance	MVCD	<p>Effective until September 30, 2021: The calculated minimum distance stated in feet (meters) to prevent flash over between conductors and vegetation, for various latitudes and operating voltages.</p> <p>Effective on October 1, 2021: The calculated minimum distance stated in feet (meters) to</p>

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		<p>Effective from October 1, 2021 until June 30, 2023: An evaluation of system conditions using Real-time data to assess existing (pre-Contingency) and potential (post-Contingency) operating conditions. The assessment shall reflect applicable inputs including, but not limited to, load, generation output levels, known Protection System and Special Protection System status or degradation, Transmission outages, generator outages, Interchange, Facility Ratings, and identified phase angle and equipment limitations. (Real-time Assessment may be provided through internal systems or through third-party services.)</p> <p>Effective on July 1st, 2023: An evaluation of system conditions using Real-time data to assess existing (pre-Contingency) and potential (post-Contingency) operating conditions. The assessment shall reflect applicable inputs including, but not limited to: load; generation output levels; known Protection System and Remedial Action Scheme status or degradation, functions, and limitations; Transmission outages; generator outages; Interchange; Facility Ratings; and identified phase angle and equipment limitations. (Realtime Assessment may be provided through internal systems or through third-party services.)</p> <p>(Évaluation en temps réel) Source : Glossary of Terms Used in NERC Reliability Standards</p>
Receiving Balancing Authority		<p>The Balancing Authority importing the Interchange. (Zone d'équilibrage réceptrice) Source : Glossary of Terms Used in NERC Reliability Standards</p>
Regional Reliability Organization ⁷ (Regional Entity)	RRO	<ol style="list-style-type: none"> 1. An entity that ensures that a defined area of the Bulk Electric System is reliable, adequate and secure. 2. A member of the North American Electric Reliability Council. The Regional Reliability Organization can serve as The Compliance Monitor. <p>(Organisation régionale de fiabilité) (Entité régionale) Source : Glossary of Terms Used in NERC Reliability Standards</p>
Regional Reliability Plan	RRP	<p>The plan that specifies the Reliability Coordinators and Balancing Authorities within the Regional Reliability Organization, and explains how reliability coordination will be accomplished.</p>

⁷ Note from [the Coordinator \(HQCF\) direction – Contrôle des mouvements d'énergie](#): The Regional Reliability Organization (Regional Entity) for Quebec is the Northeast Power Coordinating Council (NPCC).

Term	Acronym	Definition
		<p>(Plan de fiabilité régional) Source : Glossary of Terms Used in NERC Reliability Standards</p>
Registered entity		<p>Any legal entity listed in the "register identifying the entities that are subject to the reliability standards" approved by the Régie de l'énergie du Québec pursuant to section 85.13 of the Act respecting the Régie de l'énergie. (Entité visée) Source : Hydro-Québec, Coordonnateur de la fiabilité (HQCF) Direction – Contrôle des mouvements d'énergie</p>
Register of Entities Subject to Reliability Standards (Register of Entities)		<p>Document approved by the Régie de l'énergie identifying the entities subject to reliability standards, their functions and their facilities. (Registre des entités visées par les normes de fiabilité) (Registre des entités visées) Source : Hydro-Québec, Coordonnateur de la fiabilité (HQCF) Direction – Contrôle des mouvements d'énergie</p>
Regulating Reserve		<p>An amount of reserve responsive to Automatic Generation Control, which is sufficient to provide normal regulating margin. (Réserve réglante) Source : Glossary of Terms Used in NERC Reliability Standards</p>
Regulation Reserve Sharing Group		<p>A group whose members consist of two or more Balancing Authorities that collectively maintain, allocate, and supply the Regulating Reserve required for all member Balancing Authorities to use in meeting applicable regulating standards. (Groupe de partage de réserve réglante) Source: Glossary of terms used in NERC Reliability Standards</p>
Regulation Service		<p>The process whereby one Balancing Authority contracts to provide corrective response to all or a portion of the ACE of another Balancing Authority. The Balancing Authority providing the response assumes the obligation of meeting all applicable control criteria as specified by NERC for itself and the Balancing Authority for which it is providing the Regulation Service. (Service de régulation) Source : Glossary of Terms Used in NERC Reliability Standards</p>
Reliability Adjustment Arranged Interchange		<p>A request to modify a Confirmed Interchange or Implemented Interchange for reliability purposes. (Échange convenu d'ajustement de fiabilité) Source: Glossary of Terms Used in NERC Reliability Standards</p>
Reliability Adjustment RFI		<p>Request to modify an Implemented Interchange Schedule for reliability purposes. (Ajustement d'une demande d'échange pour la fiabilité) Source : Glossary of Terms Used in NERC Reliability Standards</p>
Reliability Coordinator	RC	Effective until September 30, 2021:-

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		Source : Glossary of Terms Used in NERC Reliability Standards
Right-of-Way	ROW	<p>The corridor of land under a transmission line(s) needed to operate the line(s). The width of the corridor is established by engineering or construction standards as documented in either construction documents, pre-2007 vegetation maintenance records, or by the blowout standard in effect when the line was built. The ROW width in no case exceeds the applicable Transmission Owner's or applicable Generator Owner's legal rights but may be less based on the aforementioned criteria.</p> <p>(Emprise)</p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>
Sabotage		<p>Malevolent act perpetrated in order to disturb operations or to interrupt them.</p> <p>(Sabotage)</p> <p>Source : Hydro-Québec, Coordonnateur de la fiabilité (HOCF) Direction – Contrôle des mouvements d'énergie</p>
Scenario		<p>Possible event.</p> <p>(Scénario)</p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>
Schedule		<p>(Verb) To set up a plan or arrangement for an Interchange Transaction.</p> <p>(Noun) An Interchange Schedule.</p> <p>(Programmer)(Programme)</p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>
Scheduled Frequency		<p>60.0 Hertz, except during a time correction.</p> <p>(Fréquence programmée)</p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>
Scheduled Net Interchange	NIs	<p>Effective on July 1, 2021 :</p> <p>The algebraic sum of all scheduled megawatt transfers, including Dynamic Schedules, to and from all Adjacent Balancing Authority areas within the same Interconnection, including the effect of scheduled ramps. Scheduled megawatt transfers on asynchronous DC tie lines directly connected to another Interconnection are excluded from Scheduled Net Interchange.</p> <p>(Échange net programmé)</p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>
Scheduling Entity		<p>An entity responsible for approving and implementing Interchange Schedules.</p> <p>(Entité responsable de la programmation)</p> <p>Source : Glossary of Terms Used in NERC Reliability Standards</p>
Scheduling Path		The Point to Point Transmission Service arrangements reserved

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		by the Purchasing-Selling Entity for a Transaction. (Chemin programmé) Source : Adapted by Hydro-Québec, Coordonnateur de la fiabilité (HQCF) Direction—Contrôle des mouvements d'énergie from the Glossary of Terms Used in NERC Reliability Standards
Sending Balancing Authority		The Balancing Authority exporting the Interchange. (Zone d'équilibrage expéditrice) Source : Glossary of Terms Used in NERC Reliability Standards
Sink Balancing Authority		The Balancing Authority in which the load (sink) is located for an Interchange Transaction and any resulting Interchange Schedule. (Responsable de l'équilibrage consommateur) Source : Glossary of Terms Used in NERC Reliability Standards
Source Balancing Authority		The Balancing Authority in which the generation (source) is located for an Interchange Transaction and for any resulting Interchange Schedule. (Responsable de l'équilibrage producteur) Source : Glossary of Terms Used in NERC Reliability Standards
Special Protection System (Remedial Action Scheme)	SPS	See "Remedial Action Scheme". (Automatisme de réseau) Source : Glossary of Terms Used in NERC Reliability Standards
Spinning Reserve		Unloaded generation that is synchronized and ready to serve additional demand. (Réserve tournante) Source : Glossary of Terms Used in NERC Reliability Standards
Stability		The ability of an electric system to maintain a state of equilibrium during normal and abnormal conditions or disturbances. (Stabilité) Source : Glossary of Terms Used in NERC Reliability Standards
Stability Limit		The maximum power flow possible through some particular point in the system while maintaining stability in the entire system or the part of the system to which the stability limit refers. (Limite de stabilité) Source : Glossary of Terms Used in NERC Reliability Standards
Supervisory Control and Data Acquisition	SCADA	A system of remote control and telemetry used to monitor and control the transmission system. (Télésurveillance et acquisition de données) Source : Glossary of Terms Used in NERC Reliability Standards
Supplemental Regulation Service		A method of providing regulation service in which the Balancing Authority providing the regulation service receives a signal representing all or a portion of the other Balancing Authority's ACE.