

**Registre des entités visées par  
les normes de fiabilité  
(version anglaise)**



# **Register of Entities Subject to Reliability Standards**

**June 2019**

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## 1. PURPOSE OF REGISTER

The Register of Entities Subject to Reliability Standards (the Register) identifies the entities subject to reliability standards adopted by the Régie de l'énergie (the Régie)<sup>1</sup>.

In accordance with Régie decisions, the Register also identifies the NERC Reliability Functional Model functions these entities perform, in order to establish the reliability standards to which they are subject. In addition, the Register identifies facilities that these entities own or operate, as well as other characteristics relevant to the application of the reliability standards<sup>2</sup>.

## 2. ENTITIES SUBJECT TO RELIABILITY STANDARDS

The applicability of the reliability standards and their Québec appendices are based upon the NERC functional model<sup>3</sup> and on the identification of the facilities of the main transmission system (RTP), as defined through the partial application of the “Methodology for Identifying Main Transmission System Elements” as per decision D-2018-149<sup>4</sup>. The functions are defined in the Glossary of Terms and Acronyms used in Reliability Standards adopted by the Régie. The following list gives the functions relevant to the reliability standards and Québec appendices adopted by the Régie and additional details regarding their scope in Québec:

- **Reliability Coordinator (RC):** The entity responsible for maintaining system reliability in real time within its area (i.e. the Québec Interconnection). The Reliability Coordinator for Québec is designated by the Régie de l'énergie in accordance with section 85.5 of the Act.
- **Balancing Authority (BA):** The entity responsible for maintaining generation/load balance, and thus ensuring frequency stability, within the entire Québec Interconnection. In Québec, the BA area matches the RC and TOP areas; the three functions are performed by a single entity.
- **Transmission Operator (TOP):** The entity responsible for the reliable operation of the transmission facilities within its area. In Québec, the TOP area matches the RC and BA areas; the three functions are performed by a single entity.
- **Transmission Owner (TO):** In Québec, the owner of an RTP transmission facility.
- **Generator Operator (GOP):** In Québec, the operator of an RTP generating facility.
- **Generator Owner (GO):** In Québec, the owner of a RTP generating facility.
- **Planning Authority (PA) or Planning Coordinator (PC):** The entity responsible for transmission system planning for the entire Québec Interconnection.
- **Transmission Planner (TP):** In Québec, the PA and TP functions are performed by the same entity; the TP area is the same as the PA area and the responsibilities for the two functions are basically the same.

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<sup>1</sup> An Act respecting the Régie de l'énergie (R-6.01), article 85.13 (1) “*The reliability coordinator must submit to the Régie, for approval, a register identifying the entities that are subject to the reliability standards adopted by the Régie;...*”

<sup>2</sup> Decision D-2011-068, p. 43, par. 175.

<sup>3</sup> *Reliability Functional Model – Technical Document (version 5)*, NERC, December 2009.

<sup>4</sup> Decision D-2018-149, p. 95, par.366.

- **Transmission Service Provider (TSP):** Entity that provides an OATT-type transmission service<sup>5</sup>.
- **Resource Planner (RP):** The entity responsible for developing a long-term supply plan designed to meet the total power demand of the Québec Interconnection.
- **Load-Serving Entity (LSE):** In Québec, only one entity performs LSE functions.
- **Distribution Provider (DP):** A distributor with a peak capacity of over 75 MW, whose facilities are connected to an electric power transmission system, regardless of its nature (i.e. main or regional transmission system).

In addition, for applicability purposes, the Register identifies the following characteristics for each entity:

- owner or operator of an RTP facility;
- owner or operator of a Bulk Power System facility;
- owner or operator of power transmission lines operated at 200 kV or more;
- owner or operator of a facility or equipment required for system restoration;
- owner or operator of a Special Protection System classified at Type I or Type II by NPCC;
- owner or operator of under-voltage load shedding programs;
- owner or operator of under-frequency load shedding programs;
- owner of generation facilities for industrial use.

The entities subject to reliability standards in Québec are identified in Appendix A. Appendix A also specifies the functions and other characteristics useful for specifying the scope and application of the reliability standards to entities. The other appendices identify facilities and other characteristics necessary for the application of the reliability standards in effect in Québec.

### 3. FACILITIES SUBJECT TO RELIABILITY STANDARDS – SPECIFICITIES

#### 3.1 Generator Substation

In Québec, the ownership of the generator substation associated with an RTP generation facility can differ depending on the owner of the RTP generation facility. The owner of the generator substation, including the step-up transformer, is either:

- Hydro-Québec TransÉnergie, for all generator substations associated with Hydro-Québec Production's RTP generation facilities or,
- the Generator Owner of the associated RTP generation facility for all generator substations associated with RTP generation facilities not owned by Hydro-Québec Production.

The generator substations for Hydro-Québec Production's RTP generation facilities are identified as distinct transmission facilities belonging to Hydro-Québec TransÉnergie in Appendix B. Except for Hydro-Québec, no RTP generation facility's substation is included in appendix C for the application of reliability standards.

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<sup>5</sup> Decision D-2015-059, p. 49, par. 203.

## VERSION HISTORY

Version	Changes	Decision
June 23, 2015	Original version	D-2015-098
December 4, 2015	Deleted PSE and IA functions	D-2015-195
December 21, 2015	Modified Grand-Mère generating facility installed power and generating unit specifications  Added Appendix G – List of facilities in respect of which the Régie suspends the application of Reliability Standards	D-2015-213
July 15, 2016	Modifications following the appendix of the decision D-2016-109  Addition of the facility “Siemens Canada Limitée” to the appendix G	D-2016-109
March 21, 2017	Modifications following D-2017-031 <ul style="list-style-type: none"> <li>• Removal of all information regarding critical assets from each entity’s page (appendix A)</li> <li>• Removal of the “Critical Asset” column of Transmission Facilities, Generation Facilities, Telecommunication Facilities and Control Centers (appendices B, C, D and F)</li> <li>• Addition of a new appendix to specify installations designated by the Planning Coordinator, Transmission Planner or Reliability Coordinator per criteria 2.3, 2.6, 2.7 or 2.9 of Attachment 1 of CIP-002-5.1.</li> </ul>	D-2017-031
October 23, 2018	Removal of Appendices A, D, F and G  Moved section 2.2 “Identification of Entities Subject to Reliability Standards” to Appendix A “Entities”  Renumbered Appendix H “List of Facilities designated per certain criteria in CIP-002-5.1” to Appendix F.  Removal of entities in Appendix A  Removal and modification of stations in Appendix	D-2018-149

	<p>B</p> <p>Addition, removal and modification of lines in Appendix B</p> <p>Removal and modification of generation facilities in Appendix C</p> <p>Addition of Appendix D</p> <p>Modifications to Appendix E</p> <p>Addition of Appendix G to identify the additions due to decision D-2018-149</p> <p>Removal of information not relevant to the application of Reliability Standards in Québec</p>	
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## APPENDIX A – ENTITIES



Entity	Acronym	Address	Functions												The entity owns and/or operates						Notes		
			RC	BA	TOP	TO	GOP	GO	PA	TP	TSP	RP	LSE	DP	Facilities classified as RTP	Facilities classified as Bulk	Transmission lines operated at 200 kV or above	Facility / Equipment required for system restoration	Special Protection System classified as Type I or Type II by NPCC	Undervoltage load shedding program (DST) (owns / operates)		Underfrequency load shedding program (DSF) (owns / operates)	
Cartier Énergie Éolienne (AAV) Inc.	AAV	1111, rue St-Charles Ouest, Tour ouest bureau 402, Longueuil, QC, J4K 5G4					GOP	GO								Y	N	N	N	N	N / N	N / N	
Cartier Énergie Éolienne (BDS) Inc.	BDS	1111, rue St-Charles Ouest, Tour ouest bureau 402, Longueuil, QC, J4K 5G4					GOP	GO								Y	N	N	N	N	N / N	N / N	
Cartier Énergie Éolienne (CAR) Inc.	CAR	1111, rue St-Charles Ouest, Tour ouest bureau 402, Longueuil, QC, J4K 5G4					GOP	GO								Y	N	N	N	N	N / N	N / N	
Cartier Énergie Éolienne (GM) Inc.	GM	1111, rue St-Charles Ouest, Tour ouest bureau 402, Longueuil, QC, J4K 5G4					GOP	GO								Y	N	N	N	N	N / N	N / N	
Des Moulins Wind (Énergie éolienne Des Moulins S.E.C.)	MOU	989, Huppe, Thedford Mines, QC, G6G 6H8					GOP	GO								Y	N	N	N	N	N / N	N / N	
EEN CA Lac Alfred S.E.C. et Enbridge Lac Alfred Wind Project S.E.C.(EDF	LA	1134, rue Ste-Catherine ouest, bur. 910, Montréal,					GOP	GO								Y	N	N	N	N	N / N	N / N	

Entity	Acronym	Address	Functions												The entity owns and/or operates						Notes				
			RC	BA	TOP	TO	GOP	GO	PA	TP	TSP	RP	LSE	DP	Facilities classified as RTP	Facilities classified as Bulk	Transmission lines operated at 200 kV or above	Facility / Equipment required for system restoration	Special Protection System classified as Type I or Type II by NPCC	Undervoltage load shedding program (DST) (owns / operates)		Underfrequency load shedding program (DSF) (owns / operates)			
EN Canada Inc.)		QC, H3B 1H4																							
EEN CA Massif-Du-Sud S.E.C. et Enbridge Massif-Du-Sud Wind Project S.E.C. (EDF EN Canada Inc.)	MDS	1134, rue Ste-Catherine ouest, bur. 910, Montréal, QC, H3B 1H4					GOP	GO									Y	N	N	N	N	N	N / N	N / N	
EEN CA Mont-Rothery S.E.C. (EDF EN Canada Inc.)	ROT	1134, rue Ste-Catherine ouest, bur. 910, Montréal, QC, H3B 1H4					GOP	GO									Y	N	N	N	N	N	N / N	N / N	
EEN CA Rivière-du-Moulin S.E.C. et Éolien DIM S.E.C. (EDF EN Canada Inc.)	RDM	1134, rue Ste-Catherine ouest, bur. 910, Montréal, QC, H3B 1H4					GOP	GO									Y	N	N	N	N	N	N / N	N / N	
EEN CA Hermine Saint-Robert-Bellarmin S.E.C. et Enbridge Saint-Robert-Bellarmin Wind Project S.E.C. (EDF EN Canada Inc.)	SRB	1134, rue Ste-Catherine ouest, bur. 910, Montréal, QC, H3B 1H4					GOP	GO									Y	N	N	N	N	N	N / N	N / N	
Énergie éolienne Le Plateau I S.E.C. (Le Plateau I Wind)	ÉLP	42, rang de l'Église Nord, L'ascension-de-Patapédia, QC, G0J 1R0				TO	GOP	GO									Y	N	N	N	N	N	N / N	N / N	

Entity	Acronym	Address	Functions												The entity owns and/or operates						Notes		
			RC	BA	TOP	TO	GOP	GO	PA	TP	TSP	RP	LSE	DP	Facilities classified as RTP	Facilities classified as Bulk	Transmission lines operated at 200 kV or above	Facility / Equipment required for system restoration	Special Protection System classified as Type I or Type II by NPCC	Undervoltage load shedding program (DST) (owns / operates)		Underfrequency load shedding program (DSF) (owns / operates)	
Énergie éolienne Vents du Kempt S.E.C.	VDK	1850, avenue Panama #501, Brossard, QC, J4W 3C6					GOP	GO								Y	N	N	N	N	N / N	N / N	
Énergie Renouvelable Brookfield (Énergie La Lièvre s.e.c.)	ÉLL	2, chemin Montréal ouest, Gatineau, QC, J8M 2E1				TO	GOP	GO					DP		Y	N	Y	N	N	N / N	N / N		
Éoliennes de l'Érable S.E.C.	EER	2075, rue Université, bureau 1105, Montréal, QC, H3A 2L1					GOP	GO							Y	N	N	N	N	N / N	N / N		
Hydro-Québec - Contrôle des mouvements d'énergie (une direction de HQT)	HQC MÉ	Complexe Desjardins C.P. 10000, 19e, Montréal, QC, H5B 1H7	RC	BA	TOP										Y	Y	Y	Y	Y	N / N	N / Y		
Hydro-Québec Distribution	HQD	75, boul. René-Lévesque Ouest, 22e, Montréal, QC, H2Z 1A4											RP	LSE	DP	N	N	N	N	N	N / N	N / N	
Hydro-Québec Production	HQP	75, boul. René-Lévesque Ouest, 10e, Montréal, QC, H2Z 1A4					GOP	GO							Y	N	N	Y	N	N / N	N / N		

Entity	Acronym	Address	Functions												The entity owns and/or operates						Notes	
			RC	BA	TOP	TO	GOP	GO	PA	TP	TSP	RP	LSE	DP	Facilities classified as RTP	Facilities classified as Bulk	Transmission lines operated at 200 kV or above	Facility / Equipment required for system restoration	Special Protection System classified as Type I or Type II by NPCC	Undervoltage load shedding program (DST) (owns / operates)		Underfrequency load shedding program (DSF) (owns / operates)
Hydro-Québec TransÉnergie	HQT	Complexe Desjardins, C.P. 10000, 19e, Montréal, QC, H5B 1H7				TO			PA	TP	TSP			DP	Y	Y	Y	Y	Y	N / N	Y / Y	
Kruger Énergie Montérégie S.E.C.	MON	202, boul. St-Rémi, St-Rémi, QC, J0L 1L0					GOP	GO							Y	N	N	N	N	N / N	N / N	
Northland Power Inc.	NLP	30 St Clair Ave W Toronto, ON, M4V 3A1					GOP	GO							Y	N	N	N	N	N / N	N / N	
Parcs éoliens de la Seigneurie de Beaupré	SDB	36 rue Lajeunesse Kingsey Falls, QC, J0A 1B0					GOP	GO							Y	N	N	N	N	N / N	N / N	
Rio Tinto Alcan	RTA	1954 Rue Davis, C.P. 1800 Jonquière, QC, G7S 4R5				TO	GOP	GO						DP	Y	N	Y	N	N	N / N	N / N	Generation Facility for Industrial Use (PVI)
Société de transmission électrique de Cedars Rapids Limitée	CRT	944, rue Principale, Rivière-Baudette, QC, J0P 1R0				TO					TSP				Y	N	N	N	N	N / N	N / N	
Société en Commandite Hydroélectrique Manicouagan	SCH M	3860, boul. Lafèche, C.P. 2084 Baie-Comeau, QC, G5C 3X4				TO	GOP	GO						DP	Y	N	N	N	N	N / N	N / N	

Entity	Acronym	Address	Functions												The entity owns and/or operates						Notes		
			RC	BA	TOP	TO	GOP	GO	PA	TP	TSP	RP	LSE	DP	Facilities classified as RTP	Facilities classified as Bulk	Transmission lines operated at 200 kV or above	Facility / Equipment required for system restoration	Special Protection System classified as Type I or Type II by NPCC	Undervoltage load shedding program (DST) (owns / operates)		Underfrequency load shedding program (DSF) (owns / operates)	
TransCanada Québec Inc.	TCQ	7005, boul. Raoul Duchesne Becancour, QC, TG9H 4X6					GOP	GO								Y	N	N	N	N	N / N	N / N	
Ville de Saguenay (Hydro-Jonquière)	JON	1710, Rue Ste. Famille, C.P. 2000, Saguenay, QC, G7X 7W7												DP	N	N	N	N	N	N	N / N	N / N	
Ville de Sherbrooke (Hydro-Sherbrooke)	SHER	1800, rue Roy, C.P. 610 Sherbrooke, QC, J1H 5H9												DP	N	N	N	N	N	N	N / N	N / N	





## APPENDIX B – TRANSMISSION FACILITIES



Name	Entity	Type	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
CD11	CRT	Line	120	None	N	Only the portion in Québec is covered
CD22	CRT	Line	120	None	N	Only the portion in Québec is covered
Masson Nord	ÉLL	Substation	120	None	-	MXC1 capacitor bank is not included in the RTP
Masson Sud	ÉLL	Substation	230 - 120	None	-	
D5A	ÉLL	Line	230	None	Y	Only the portion in Québec is covered
H9A	ÉLL	Line	120	None	N	Only the portion in Québec is covered
MATI	ÉLL	Line	120	None	N	
Plateau	ÉLP	Substation	315	None	-	
Abitibi	HQT	Substation	735 - 315 - 16	735 - 315	-	
Alain-Grandbois	HQT	Substation	315	None	-	315 kV transformers are not included in the RTP.
Albanel	HQT	Substation	735 - 22	735	-	The portion at 25 kV feed by T31 and T32 as well as those transformers are not included in the RTP.
Appalaches	HQT	Substation	735 - 230	735 - 230	-	
Arnaud	HQT	Substation	735 - 315 - 161	735 - 315 - 161	-	
Beauharnois (poste de départ)	HQT	Substation	120 - 12	120	-	
Beauharnois 230 kV	HQT	Substation	230 - 120	None	-	
Beaumont (poste de départ)	HQT	Substation	230 - 13,8	None	-	
Beaupré	HQT	Substation	315	None	-	315 kV transformers are not included in the RTP.
Bécancour	HQT	Substation	230	None	-	230 kV transformers are not included in the RTP. 120 and 230 kV XC are included in the RTP.
Bécancour (poste de départ)	HQT	Substation	230 - 13,8	None	-	
Bedford	HQT	Substation	120	None	-	120 kV transformers are not included in the RTP. 25 kV XC are included in the RTP.
Bergeronnes	HQT	Substation	735	None	-	
Bersimis-1 (poste de départ)	HQT	Substation	315 - 13,8	None	-	
Bersimis-2 (poste de départ)	HQT	Substation	315 - 13,8	None	-	
Blainville	HQT	Substation	315	None	-	315 kV transformers are not included in the RTP.
Boucherville	HQT	Substation	735 - 315 - 230	735 - 315 - 230	-	
Bout-de-l'Île	HQT	Substation	735 - 315 - 25	735 - 315	-	Only the 25 kV portion associated with CLC, the CLC themselves and 120 kV XC are included in the RTP.*
Brisay (poste de départ)	HQT	Substation	315 - 13,8	None	-	
Bryson (poste de	HQT	Substation	120 - 6,6	None	-	

Name	Entity	Type	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
départ)						
Cadieux	HQT	Substation	120	None	-	120 kV transformers are not included in the RTP.
Carignan	HQT	Substation	735 - 230	735 - 230	-	
Carillon (poste de départ)	HQT	Substation	120 - 13,8	None	-	
Cèdres (poste de départ)	HQT	Substation	120 - 6,6	None	-	
Chamouchouane	HQT	Substation	735 - 16	735	-	
Charlesbourg	HQT	Substation	230	None	-	Only the L2325 line feeder is included in the RTP
Charlevoix	HQT	Substation	315	None	-	315 kV transformers are not included in the RTP.
Châteauguay	HQT	Substation	765 - 735 - 315 - 120 - 13,7 - 60 c.c	765 - 735 - 315 - 120	-	
Chelsea (poste de départ)	HQT	Substation	120 - 6,6	None	-	
Chénier	HQT	Substation	735 - 315 - 23	735 - 315	-	
Chibougamau	HQT	Substation	735 - 16	735	-	
Chissibi	HQT	Substation	735	735	-	
Chomedey	HQT	Substation	315	None	-	315 kV transformers are not included in the RTP. 120 kV XC are included in the RTP.
Chute-Allard (poste de départ)	HQT	Substation	230 - 13,8	None	-	The 25 kV portion fed by T1 and T2 transformers is not included in the RTP.
Coaticook	HQT	Substation	120	None	-	120 kV transformers are not included in the RTP.
De Léry	HQT	Substation	315 - 120	None	-	120 kV XC are included in the RTP. 120 kV XL are not included in the RTP.
Des Cantons	HQT	Substation	735 - 230 - 450 c.c.	735 - 230	-	
Des Cantons (230-120 kV)	HQT	Substation	230	230	-	120 kV XC are included in the RTP.
Deschambault	HQT	Substation	315	None	-	
Duvernay	HQT	Substation	735 - 315 -16	735 - 315	-	120 kV XC are included in the RTP.
Eastmain-1 (poste de départ)	HQT	Substation	315 - 12	None	-	The 120 kV portion fed by T4 transformer including this transformer is not included in the RTP.
Eastmain-1-A (poste de départ)	HQT	Substation	315 - 12	None	-	
Électrode-des-Cantons	HQT	Substation	450 c.c.	None	-	
Électrode-Duncan	HQT	Substation	450 c.c.	None	-	
Farnham	HQT	Substation	120	None	-	120 kV transformers are not included in the RTP. 25 kV XC are included in the RTP.
Francheville	HQT	Substation	230	None	-	230 kV transformers are not

Name	Entity	Type	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
						included in the RTP.
Gentilly-2	HQT	Substation	230	None	-	230 kV transformers are not included in the RTP.
Grand-Brûlé	HQT	Substation	735	735	-	120 kV XC are included in the RTP.
Grondines	HQT	Substation	450 c.c.	None	-	
Hauterive	HQT	Substation	315 - 161	None	-	T4 et T10 transformers are not included in the RTP.
Hertel	HQT	Substation	735 - 315	735 - 315	-	
Iberville	HQT	Substation	120	None	-	120 kV transformers are not included in the RTP.
Interconnexion-Maclaren	HQT	Substation	120	None	-	
Jacques-Cartier	HQT	Substation	735 - 315	735 - 315	-	
Kamouraska	HQT	Substation	315	None	-	
Kipawa	HQT	Substation	120	None	-	120 kV transformers, XC11 and XC12 are not included to the RTP.
La Gabelle (poste de départ)	HQT	Substation	230 - 6,6	None	-	
La Grande-1 (poste de départ)	HQT	Substation	315 - 12	None	-	12/120 and 12/25 kV step-up transformers are not included in the RTP.
La Grande-2 (poste de départ de la centrale Robert-Bourassa)	HQT	Substation	735 - 13,8	735	-	13,8/25 and 13,8/69 kV step-up transformers are not included in the RTP.
La Grande-2-A (poste de départ)	HQT	Substation	315 - 13,8	315	-	
La Grande-3 (poste de départ)	HQT	Substation	735 - 13,8	735	-	13,8/25 kV step-up transformers are not included in the RTP.
La Grande-4 (poste de départ)	HQT	Substation	735 - 13,8	735	-	13,8/25 kV step-up transformers are not included in the RTP.
La Prairie	HQT	Substation	315	None	-	315 kV transformers are not included in the RTP. 120 kV XC are included in the RTP.
La Tuque (poste de départ)	HQT	Substation	230 - 13,8/11	None	-	
La Vérendrye	HQT	Substation	735 - 16	735	-	
Lac-des-Îles	HQT	Substation	120	None	-	120 kV transformers are not included in the RTP.
Laforge-1 (poste de départ)	HQT	Substation	315 - 13,8	None	-	13,8/25 kV step-up transformers are not included in the RTP.
Laforge-2 (poste de départ)	HQT	Substation	315 - 13,8	None	-	13,8/25 kV step-up transformers are not included in the RTP.
Lanaudière	HQT	Substation	315	None	-	315 kV transformers are not included in the RTP. 120 kV XC are included in the RTP.
Langlois	HQT	Substation	730 V - 17 - 315 - 120	None	-	
Laurentides	HQT	Substation	735 - 315 - 230 - 39	735 - 315 - 230	-	
Lefrançois	HQT	Substation	315	None	-	315 kV transformers are not included in the RTP.

Name	Entity	Type	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
Le Moyne	HQT	Substation	735	735	-	
Leneuf	HQT	Substation	315	None	-	315 kV transformers are not included in the RTP.
Les Basques	HQT	Substation	315	None	-	315 kV transformers are not included in the RTP.
Lévis	HQT	Substation	735 - 315 - 230 - 16	735 - 315 - 230	-	
Lévis 230-25 kV	HQT	Substation	230	230	-	
Lévis Déglaceur	HQT	Substation	315 - 43 - 20	315	-	
Lorrainville	HQT	Substation	120	None	-	120 kV transformers are not included in the RTP.
Lotbinière	HQT	Substation	450 c.c.	None	-	
Madawaska	HQT	Substation	345 - 315 - 131 c.c.	None	-	
Manic-1 (poste de départ)	HQT	Substation	161 - 13,8	None	-	
Manic-2 (poste de départ de la centrale Jean-Lesage)	HQT	Substation	315 - 13,8	None	-	
Manic-3 (poste de départ de la centrale René-Lévesque)	HQT	Substation	315 - 13,8	None	-	
Manic-5 (poste de départ)	HQT	Substation	315 - 13,8	None	-	
Manic-5-PA (poste de départ)	HQT	Substation	315 - 13,8	None	-	
Manicouagan	HQT	Substation	735 - 315 - 16	735 - 315	-	
Matapédia	HQT	Substation	315 - 230	None	-	230/25 kV transformers are not included in the RTP. 230 kV XC and XL are included in the RTP.
Mauricie	HQT	Substation	315 - 230	None	-	230 kV XC is included in the RTP.
Mercier (poste de départ)	HQT	Substation	69 - 13,8	None	-	
Micoua	HQT	Substation	735 - 315	735 - 315	-	
Montagnais	HQT	Substation	735 - 315	735 - 315	-	
Montérégie	HQT	Substation	735 - 120	735 - 120	-	
Murailles (poste de départ de la centrale Romaine-2)	HQT	Substation	315 - 18	None	-	
Nemiscau	HQT	Substation	735 - 315 - 22	735 - 315	-	25 kV voltage level that is RTP is associated with the CLC and not the portion that connects the load.
Nicolet	HQT	Substation	735 - 230	735 - 230	-	
Nicolet c.c.	HQT	Substation	450 c.c. - 230	450 c.c. - 230	-	
Nikamo	HQT	Substation	315	None	-	
Notre-Dame	HQT	Substation	315	None	-	315 kV transformers are not included in the RTP. 120 kV XC are included in the RTP.
Outaouais	HQT	Substation	315 - 240 - 75	None	-	

Name	Entity	Type	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
			c.c.			
Outardes	HQT	Substation	735	735	-	
Outardes-2 (poste de départ)	HQT	Substation	315 - 13,8	None	-	
Outardes-3 (poste de départ)	HQT	Substation	315 - 13,8	None	-	
Outardes-4 (poste de départ)	HQT	Substation	315 - 13,8	None	-	
Paugan (poste de départ)	HQT	Substation	230 - 120 - 6,6	None	-	
Péribonka (poste de départ)	HQT	Substation	161 - 13,8	None	-	
Périgny	HQT	Substation	735	None	-	
Petite-Nation	HQT	Substation	120	None	-	Only L1101 et L1104 line feeders are included in the RTP.
Première-Chute (poste de départ)	HQT	Substation	120 - 13,8	None	-	
Québec	HQT	Substation	315 - 230	None	-	Only T1 and 230 and 69 kV XC are included in the RTP.
Quyón	HQT	Substation	230 - 120	None	-	
Radisson	HQT	Substation	735 - 315	735 - 315	-	
Radisson c.c.	HQT	Substation	450 c.c. - 315	450 c.c. - 315	-	
Rapide-2 (poste de départ)	HQT	Substation	120 - 13,8	None	-	
Rapide-7 (poste de départ)	HQT	Substation	120 - 13,8	None	-	
Rapide-Blanc (poste de départ)	HQT	Substation	230 - 11	None	-	T11 and T12 transformers are not included to the RTP.
Rapides-des-Cœurs (poste de départ)	HQT	Substation	230 - 13,8	None	-	
Rapides-des-Îles (poste de départ)	HQT	Substation	120 - 13,8	None	-	
Rapides-des-Quinze (poste de départ)	HQT	Substation	120 - 13,2	None	-	
Rapides-Farmer (poste de départ)	HQT	Substation	120 - 6,6	None	-	
Rimouski	HQT	Substation	315 - 230	None	-	230 kV transformers are not included in the RTP.
Rivière-du-Loup	HQT	Substation	315 - 230	None	-	T2 and T3 transformers are not included in the RTP.
Rocher-de-Grand-Mère (poste de départ)	HQT	Substation	69 - 13,8	None	-	
Romaine-1 (poste de départ)	HQT	Substation	315 - 13,8	None	-	
Romaine-2 (poste)	HQT	Substation	315	None	-	315 kV XL is included in the RTP.
Saguenay	HQT	Substation	735 - 161	735 - 161	-	
Saint-Césaire	HQT	Substation	230 - 120	None	-	120 KV transformers are not included in the RTP. 120 kV XC are included in the RTP.
Sainte-Marguerite-3 (poste de départ)	HQT	Substation	315 - 18	None	-	
Saint-Sébastien	HQT	Substation	120	None	-	120 kV transformers are not

Name	Entity	Type	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
						included in the RTP. 25 kV XC are included in the RTP.
Sarcelle (poste de départ)	HQT	Substation	315 - 13,8	None	-	
Shawinigan-2 (poste de départ)	HQT	Substation	120 - 11	None	-	
Shawinigan-3 (poste de départ)	HQT	Substation	120 - 13,8	None	-	
Sherbrooke	HQT	Substation	120	None	-	Only the L1401 et L1402 line feeders are included in the RTP.
Stanstead	HQT	Substation	120	None	-	120 kV transformers are not included in the RTP.
Tilly	HQT	Substation	735 - 315	735 - 315	-	
Toulustouc (poste de départ)	HQT	Substation	315 - 13,8	None	-	
Trenche (poste de départ)	HQT	Substation	230 - 13,8	None	-	
Trois-Rivières	HQT	Substation	230	None	-	
Vignan	HQT	Substation	315	None	-	120 kV XC are included in the RTP.
Wyman	HQT	Substation	120	None	-	120 kV transformers are not included in the RTP.
A41T	HQT	Line	230	None	Y	Only the portion in Québec is covered.
A42T	HQT	Line	230	None	Y	Only the portion in Québec is covered.
B31L	HQT	Line	230	None	Y	Only the portion in Québec is covered.
B5D	HQT	Line	230	None	Y	Only the portion in Québec is covered.
D4Z	HQT	Line	120	None	N	Only the portion in Québec is covered.
H4Z	HQT	Line	120	None	N	Only the portion in Québec is covered.
L0440	HQT	Line	450 c.c.	None	Y	Circuit isolated at 49 kV
L0451	HQT	Line	450 c.c.	None	Y	Only the portion in Québec is covered.
L0452	HQT	Line	450 c.c.	None	Y	Only the portion in Québec is covered.
L0460	HQT	Line	450 c.c.	None	Y	Only the portion in Québec is covered. Circuit isolated at 49 kV
L0470	HQT	Line	450 c.c.	None	Y	Circuit isolated at 49 kV
L1101	HQT	Line	120	None	N	
L1104	HQT	Line	120	None	N	
L1108	HQT	Line	120	None	N	
L1110	HQT	Line	120	None	N	
L1112	HQT	Line	120	None	N	
L1114	HQT	Line	120	None	N	
L1123	HQT	Line	120	None	N	
L1125	HQT	Line	120	None	N	
L1173	HQT	Line	120	None	N	
L1180*	HQT	Line	120	120	N	
L1181*	HQT	Line	120	120	N	
L1201	HQT	Line	120	120*	N	



Name	Entity	Type	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
L1202	HQT	Line	120	120*	N	
L1256	HQT	Line	120	120*	N	
L1257	HQT	Line	120	120*	N	
L1260	HQT	Line	120	120*	N	
L1261	HQT	Line	120	120*	N	
L1291	HQT	Line	120	120	N	
L1292	HQT	Line	120	120	N	
L1332	HQT	Line	120	None	N	
L1333	HQT	Line	120	None	N	
L1355*	HQT	Line	120	120	N	
L1362	HQT	Line	120	120	N	
L1363	HQT	Line	120	120	N	
L1376	HQT	Line	120	None	N	
L1398	HQT	Line	120	120*	N	
L1399	HQT	Line	120	120*	N	
L1400	HQT	Line	120	None	N	Only the portion in Québec is covered.
L1401	HQT	Line	120	None	N	
L1402	HQT	Line	120	None	N	
L1420*	HQT	Line	120	120	N	
L1422*	HQT	Line	120	120	N	
L1423*	HQT	Line	120	120	N	
L1424	HQT	Line	120	None	N	
L1425	HQT	Line	120	None	N	
L1426	HQT	Line	120	None	N	
L1427	HQT	Line	120	None	N	
L1428	HQT	Line	120	None	N	
L1429	HQT	Line	120	None	N	Only the portion in Québec is covered.
L1437	HQT	Line	120	120*	N	
L1438	HQT	Line	120	120*	N	
L1439	HQT	Line	120	120*	N	
L1470	HQT	Line	120	None	N	
L1472	HQT	Line	120	120*	N	
L1540	HQT	Line	120	None	N	
L1541	HQT	Line	120	None	N	
L1614	HQT	Line	161	None	N	
L1616*	HQT	Line	161	161	N	
L1617*	HQT	Line	161	161	N	
L1618*	HQT	Line	161	161	N	
L1619*	HQT	Line	161	161	N	
L1620*	HQT	Line	161	161	N	
L1642*	HQT	Line	161	161	N	
L1643*	HQT	Line	161	161	N	
L1644	HQT	Line	161	161*	N	
L1645	HQT	Line	161	161*	N	
L1650*	HQT	Line	161	161	N	
L1651*	HQT	Line	161	161	N	
L1654*	HQT	Line	161	161	N	
L1655*	HQT	Line	161	161	N	
L1661*	HQT	Line	161	161	N	
L1662*	HQT	Line	161	161	N	
L2101	HQT	Line	230	None	Y	Only the portion in Québec is covered.
L2102	HQT	Line	230	None	Y	Only the portion in Québec is

Name	Entity	Type	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
						covered.
L2304	HQT	Line	None	None	Y	
L2305	HQT	Line	None	None	Y	
L2306	HQT	Line	230	230*	Y	
L2307	HQT	Line	230	230*	Y	
L2308	HQT	Line	230	230*	Y	
L2310	HQT	Line	230	230	Y	
L2311	HQT	Line	230	230*	Y	
L2312	HQT	Line	230	230*	Y	
L2313	HQT	Line	230	None	Y	
L2314	HQT	Line	230	None	Y	
L2317	HQT	Line	None	None	Y	
L2318	HQT	Line	None	None	Y	
L2319	HQT	Line	230	230*	Y	
L2320	HQT	Line	None	None	Y	
L2321	HQT	Line	230	230*	Y	
L2322	HQT	Line	230	230*	Y	
L2323	HQT	Line	230	230*	Y	
L2324	HQT	Line	230	230*	Y	
L2325	HQT	Line	230	None	Y	
L2326	HQT	Line	None	None	Y	
L2327	HQT	Line	230	230*	Y	
L2329	HQT	Line	230	230*	Y	
L2330	HQT	Line	None	None	Y	
L2331	HQT	Line	None	None	Y	
L2332	HQT	Line	230	230*	Y	
L2333	HQT	Line	230	230*	Y	
L2334	HQT	Line	None	None	Y	
L2336	HQT	Line	230	230*	Y	
L2337	HQT	Line	230	230*	Y	
L2338	HQT	Line	230	230*	Y	
L2340	HQT	Line	None	None	Y	
L2341	HQT	Line	None	None	Y	
L2342	HQT	Line	None	None	Y	
L2343	HQT	Line	None	None	Y	
L2344	HQT	Line	None	None	Y	
L2345	HQT	Line	None	None	Y	
L2346	HQT	Line	230	None	Y	
L2349	HQT	Line	None	None	Y	
L2350	HQT	Line	None	None	Y	
L2351	HQT	Line	None	None	Y	
L2352	HQT	Line	None	None	Y	
L2353	HQT	Line	None	None	Y	
L2354	HQT	Line	None	None	Y	
L2355	HQT	Line	None	None	Y	
L2356	HQT	Line	230	None	Y	
L2357	HQT	Line	None	None	Y	
L2358	HQT	Line	None	None	Y	
L2360	HQT	Line	230	230*	Y	
L2361	HQT	Line	230	230*	Y	
L2363	HQT	Line	None	None	Y	
L2365	HQT	Line	None	None	Y	
L2367	HQT	Line	None	None	Y	
L2369	HQT	Line	230	230*	Y	
L2370	HQT	Line	None	None	Y	

Name	Entity	Type	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
L2371	HQT	Line	None	None	Y	
L2372	HQT	Line	230	None	Y	
L2373	HQT	Line	None	None	Y	
L2374	HQT	Line	None	None	Y	
L2375	HQT	Line	230	230*	Y	
L2376	HQT	Line	230	230*	Y	
L2377	HQT	Line	230	230*	Y	
L2378	HQT	Line	None	None	Y	
L2379	HQT	Line	230	None	Y	
L2380	HQT	Line	None	None	Y	
L2381	HQT	Line	230	230*	Y	
L2382	HQT	Line	230	230*	Y	
L2383	HQT	Line	230	230*	Y	
L2384	HQT	Line	None	None	Y	
L2385	HQT	Line	230	None	Y	
L2386	HQT	Line	230	None	Y	
L2387	HQT	Line	None	None	Y	
L2388	HQT	Line	None	None	Y	
L2389	HQT	Line	None	None	Y	
L2392	HQT	Line	None	None	Y	
L2393	HQT	Line	None	None	Y	
L2396	HQT	Line	None	None	Y	
L2397	HQT	Line	None	None	Y	
L2398	HQT	Line	None	None	Y	
L2399	HQT	Line	230	230*	Y	
L2401	HQT	Line	None	None	Y	
L2402	HQT	Line	None	None	Y	
L2404	HQT	Line	None	None	Y	
L2405	HQT	Line	None	None	Y	
L2406	HQT	Line	230	230*	Y	
L2407	HQT	Line	None	None	Y	
L2408	HQT	Line	None	None	Y	
L3001	HQT	Line	315	315*	Y	
L3002	HQT	Line	315	315*	Y	
L3003	HQT	Line	315	315*	Y	
L3004	HQT	Line	315	315*	Y	
L3005	HQT	Line	315	None	Y	
L3006	HQT	Line	315	315*	Y	
L3007	HQT	Line	315	315*	Y	
L3008	HQT	Line	315	315*	Y	
L3009	HQT	Line	315	None	Y	
L3010	HQT	Line	315	315*	Y	
L3011	HQT	Line	315	None	Y	
L3012	HQT	Line	315	None	Y	
L3013	HQT	Line	315	315*	Y	
L3014	HQT	Line	315	315*	Y	
L3015	HQT	Line	315	None	Y	
L3017	HQT	Line	315	315*	Y	
L3019	HQT	Line	315	315*	Y	
L3020	HQT	Line	315	None	Y	
L3021	HQT	Line	315	315*	Y	
L3022	HQT	Line	315	315*	Y	
L3023	HQT	Line	315	315*	Y	
L3024	HQT	Line	315	315*	Y	
L3026	HQT	Line	315	None	Y	

Name	Entity	Type	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
L3027	HQT	Line	315	315*	Y	
L3028	HQT	Line	315	315*	Y	
L3029	HQT	Line	315	315*	Y	
L3030	HQT	Line	315	315*	Y	
L3031	HQT	Line	315	315*	Y	
L3032	HQT	Line	315	315*	Y	
L3033	HQT	Line	315	315*	Y	
L3034	HQT	Line	315	315*	Y	
L3035	HQT	Line	315	315*	Y	
L3036	HQT	Line	315	315*	Y	
L3039	HQT	Line	315	315*	Y	
L3040	HQT	Line	315	315*	Y	
L3041	HQT	Line	315	None	Y	
L3042	HQT	Line	None	None	Y	
L3043	HQT	Line	None	None	Y	
L3044	HQT	Line	315	315*	Y	
L3045	HQT	Line	315	315*	Y	
L3046	HQT	Line	315	315*	Y	
L3047	HQT	Line	315	315*	Y	
L3048	HQT	Line	315	315*	Y	
L3049	HQT	Line	315	315*	Y	
L3050	HQT	Line	315	315*	Y	
L3052	HQT	Line	315	315*	Y	
L3053	HQT	Line	315	315*	Y	
L3054	HQT	Line	315	315*	Y	
L3055	HQT	Line	315	315*	Y	
L3056	HQT	Line	315	315*	Y	
L3057	HQT	Line	315	315*	Y	
L3058	HQT	Line	315	315*	Y	
L3059	HQT	Line	315	315*	Y	
L3062	HQT	Line	315	315*	Y	
L3063	HQT	Line	315	315*	Y	
L3065	HQT	Line	315	315*	Y	
L3066	HQT	Line	315	315*	Y	
L3067	HQT	Line	315	315*	Y	
L3068	HQT	Line	315	315*	Y	
L3069	HQT	Line	315	315*	Y	
L3070	HQT	Line	315	315*	Y	
L3071	HQT	Line	315	315*	Y	
L3072	HQT	Line	None	None	Y	
L3073	HQT	Line	None	None	Y	
L3074	HQT	Line	None	None	Y	
L3075	HQT	Line	None	None	Y	
L3076	HQT	Line	None	None	Y	
L3078	HQT	Line	315	315*	Y	
L3079	HQT	Line	315	315*	Y	
L3080	HQT	Line	315	315*	Y	
L3081	HQT	Line	315	315*	Y	
L3082	HQT	Line	315	None	Y	
L3083	HQT	Line	315	None	Y	
L3084	HQT	Line	315	None	Y	
L3085	HQT	Line	315	None	Y	
L3086	HQT	Line	315	315*	Y	
L3087	HQT	Line	315	315*	Y	
L3088	HQT	Line	None	None	Y	

Name	Entity	Type	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
L3089	HQT	Line	315	None	Y	
L3090	HQT	Line	315	None	Y	
L3091	HQT	Line	315	315*	Y	
L3092	HQT	Line	315	315*	Y	
L3093	HQT	Line	315	315*	Y	
L3094	HQT	Line	315	315*	Y	
L3095	HQT	Line	345	345*	Y	
L3098	HQT	Line	315	315*	Y	
L3100	HQT	Line	315	315*	Y	
L3101	HQT	Line	315	None	Y	
L3102	HQT	Line	315	None	Y	
L3104	HQT	Line	315	315	Y	
L3105	HQT	Line	315	315	Y	
L3106	HQT	Line	315	315*	Y	
L3107	HQT	Line	315	None	Y	
L3108	HQT	Line	None	None	Y	
L3109	HQT	Line	None	None	Y	
L3110	HQT	Line	315	315*	Y	
L3113	HQT	Line	315	None	Y	Only the portion in Québec is covered.
L3114	HQT	Line	345	None	Y	Only the portion in Québec is covered.
L3115	HQT	Line	315	315*	Y	
L3116	HQT	Line	315	315*	Y	
L3117	HQT	Line	315	None	Y	
L3118	HQT	Line	315	None	Y	
L3121	HQT	Line	315	315*	Y	
L3122	HQT	Line	315	315*	Y	
L3123	HQT	Line	315	315*	Y	
L3127	HQT	Line	315	None	Y	
L3129	HQT	Line	315	315*	Y	
L3131	HQT	Line	315	None	Y	
L3133	HQT	Line	315	None	Y	
L3145	HQT	Line	None	None	Y	
L3150	HQT	Line	315	315*	Y	
L3151	HQT	Line	315	315*	Y	
L3152	HQT	Line	315	315*	Y	
L3153	HQT	Line	315	315*	Y	
L3154	HQT	Line	None	None	Y	
L3155	HQT	Line	None	None	Y	
L3162	HQT	Line	315	315	Y	
L3163	HQT	Line	315	315	Y	
L3166	HQT	Line	315	None	Y	
L3167	HQT	Line	315	None	Y	
L3168	HQT	Line	315	None	Y	
L3169	HQT	Line	315	None	Y	
L3170	HQT	Line	315	None	Y	
L3171	HQT	Line	315	None	Y	
L3172	HQT	Line	315	315*	Y	
L3173	HQT	Line	315	315*	Y	
L3176	HQT	Line	315	315*	Y	
L3177	HQT	Line	315	315*	Y	
L3186	HQT	Line	315	315*	Y	
L3187	HQT	Line	315	None	Y	
L3188	HQT	Line	315	None	Y	

Name	Entity	Type	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
L3189	HQT	Line	315	None	Y	
L3190	HQT	Line	315	None	Y	
L3191	HQT	Line	315	None	Y	
L3192	HQT	Line	315	315*	Y	
L4003	HQT	Line	450 c.c.	450 c.c.	Y	
L4004	HQT	Line	450 c.c.	450 c.c.	Y	
L4005	HQT	Line	450 c.c.	None	Y	
L4006	HQT	Line	450 c.c.	None	Y	
L4007	HQT	Line	450 c.c.	450 c.c.	Y	
L4008	HQT	Line	450 c.c.	450 c.c.	Y	
L4009	HQT	Line	450 c.c.	450 c.c.	Y	
L4010	HQT	Line	450 c.c.	450 c.c.	Y	
L7002	HQT	Line	735	735	Y	
L7004	HQT	Line	735	735	Y	
L7005	HQT	Line	735	735	Y	
L7006	HQT	Line	735	735	Y	
L7007	HQT	Line	735	735	Y	
L7008	HQT	Line	735	735	Y	
L7009	HQT	Line	735	735	Y	
L7010	HQT	Line	735	735	Y	
L7011	HQT	Line	735	735	Y	
L7014	HQT	Line	735	735	Y	
L7016	HQT	Line	735	735	Y	
L7017	HQT	Line	735	735	Y	
L7018	HQT	Line	735	735	Y	
L7019	HQT	Line	735	735	Y	
L7020	HQT	Line	735	735	Y	
L7023	HQT	Line	735	735	Y	
L7024	HQT	Line	735	735	Y	
L7025	HQT	Line	735	735	Y	
L7026	HQT	Line	735	735	Y	
L7027	HQT	Line	735	735	Y	
L7028	HQT	Line	735	735	Y	
L7029	HQT	Line	735	735	Y	
L7031	HQT	Line	735	735	Y	
L7032	HQT	Line	735	735	Y	
L7033	HQT	Line	735	735	Y	
L7034	HQT	Line	735	735	Y	
L7035	HQT	Line	735	735	Y	
L7036	HQT	Line	735	735	Y	
L7038	HQT	Line	735	735	Y	
L7040	HQT	Line	765	765	Y	Only the portion in Québec is covered.
L7042	HQT	Line	735	735	Y	
L7044	HQT	Line	735	735	Y	
L7045	HQT	Line	735	735	Y	
L7046	HQT	Line	735	735	Y	
L7047	HQT	Line	735	735	Y	
L7048	HQT	Line	735	735	Y	
L7049	HQT	Line	735	735	Y	
L7051	HQT	Line	735	735	Y	Only the portion in Québec is covered.
L7052	HQT	Line	735	735	Y	Only the portion in Québec is covered.
L7053	HQT	Line	735	735	Y	Only the portion in Québec is covered.

Name	Entity	Type	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
						covered.
L7054	HQT	Line	735	735	Y	
L7055	HQT	Line	735	735	Y	
L7056	HQT	Line	735	735	Y	
L7057	HQT	Line	735	735	Y	
L7059	HQT	Line	735	735	Y	
L7060	HQT	Line	735	735	Y	Sakami-1 blocking capacitor is included in the RTP.
L7061	HQT	Line	735	735	Y	Opinaca-1 blocking capacitor is included in the RTP.
L7062	HQT	Line	735	735	Y	Opinaca-2 blocking capacitor is included in the RTP.
L7063	HQT	Line	735	735	Y	Opinaca-3 blocking capacitor is included in the RTP.
L7066	HQT	Line	735	735	Y	
L7067	HQT	Line	735	735	Y	
L7068	HQT	Line	735	735	Y	
L7069	HQT	Line	735	735	Y	
L7070	HQT	Line	735	735	Y	
L7071	HQT	Line	735	735	Y	
L7072	HQT	Line	735	735	Y	
L7073	HQT	Line	735	735	Y	
L7076	HQT	Line	735	735	Y	
L7077	HQT	Line	735	735	Y	
L7078	HQT	Line	735	735	Y	
L7079	HQT	Line	735	735	Y	
L7080	HQT	Line	735	735	Y	
L7081	HQT	Line	735	735	Y	
L7082	HQT	Line	735	735	Y	
L7084	HQT	Line	735	735	Y	
L7085	HQT	Line	735	735	Y	
L7086	HQT	Line	735	735	Y	
L7088	HQT	Line	735	735	Y	
L7089	HQT	Line	735	735	Y	
L7090	HQT	Line	735	735	Y	
L7092	HQT	Line	735	735	Y	
L7093	HQT	Line	735	735	Y	
L7094	HQT	Line	735	735	Y	
L7095	HQT	Line	735	735	Y	
L7096	HQT	Line	735	735	Y	
L7097	HQT	Line	735	735	Y	
L7100	HQT	Line	735	735	Y	
L7101	HQT	Line	735	735	Y	
L7102	HQT	Line	735	735	Y	
P33C	HQT	Line	230	None	Y	Only the portion in Québec is covered.
Q4C	HQT	Line	230	None	Y	Only the portion in Québec is covered.
X2Y	HQT	Line	120	None	N	Only the portion in Québec is covered.
Delisle	RTA	Substation	345	None	-	Only the L3095 line feeder is included in the RTP.
Du Portage	RTA	Substation	161	None	-	Only the disconnectors 2321, 2421, 2322, 2422, 2323 and 2423 are not included in the RTP.

Name	Entity	Type	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
Isle-Maligne 161 kV	RTA	Substation	161	None	-	Only line feeders LT36 et LT38 (LT37) are included in the RTP.
Isle-Maligne 240 kV	RTA	Substation	240 - 161	None	-	Only the transformers T36 and T38, the bus B25 and their respective switching devices are included in the RTP.
Usine Jonquière	RTA	Substation	161	None	-	Only line feeders 65 et 66 are included to RTP.
L1640*	HQT/RTA	Line	161	161	N	This line is in co-ownership, but it is operated by HQT.
L1641*	HQT/RTA	Line	161	161	N	This line is in co-ownership, but it is operated by HQT.
L61	RTA	Line	None	None	Y	
L62	RTA	Line	None	None	Y	
L65	RTA	Line	161	None	N	
L66	RTA	Line	161	None	N	
LT36	RTA	Line	161	None	N	
LT38 (LT37)	RTA	Line	161	None	N	
McCormick	SCHM	Substation	161 - 13,8*	None	-	TA1 and TA2 are not included in the RTP
L1611	SCHM	Line	161	None	N	
L1612	SCHM	Line	161	None	N	

\*Newly subjected elements as of decision D-2018-149 are marked with an asterisk. The reliability standards will be applicable to these elements as of 01/01/2020.



## APPENDIX C – GENERATING FACILITIES



Name	Entity	Type	Facility classified as RTP?	Installed Capacity (MVA)	Connected to RTP?	At least one unit can be synchronized with a neighbouring system?	Generator substation included?	Specificities
Anse-à-Valleau	AAV	Wind	O	100,5 MW	N	N	N	
Baie-des-Sables	BDS	Wind	O	109,5 MW	N	N	N	
Carleton	CAR	Wind	O	109,5 MW	N	N	N	
L'Érable	EER	Wind	O	100 MW	N	N	N	
High Falls	ÉLL	Hydro	O	124	N	Y	N	
Masson	ÉLL	Hydro	O	112	Y	Y	N	
Plateau	ÉLP	Wind	O	180,9 MW	Y	N	N	
Gros-Morne	GM	Wind	O	211,5 MW	N	N	N	
Beauharnois	HQP	Hydro	O	2270	Y	Y	N	
Beaumont	HQP	Hydro	O	300	N	N	N	
Bécancour	HQP	Thermal (TAG)	O	456,8	Y	N	N	
Bersimis-1	HQP	Hydro	O	1240	Y	N	N	
Bersimis-2	HQP	Hydro	O	915	Y	N	N	
Brisay	HQP	Hydro	O	494	Y	N	N	
Bryson	HQP	Hydro	O	70	Y	Y	N	
Carillon	HQP	Hydro	O	885,5	N	N	N	
Cèdres	HQP	Hydro	O	150	Y	Y	N	
Chelsea	HQP	Hydro	O	190	N	Y	N	
Chute-Allard	HQP	Hydro	O	69	N	N	N	Capacity is limited to 69 MVA under governmental decree #379-2005.
Eastmain-1	HQP	Hydro	O	505	Y	N	N	Capacity is limited to 505 MVA under governmental decree #302-93.
Eastmain-1-A	HQP	Hydro	O	853	Y	N	N	Capacity is limited to 853 MVA under governmental autorisation certificate #3214-10-17.
Jean-Lesage	HQP	Hydro	O	1366	Y	N	N	
La Gabelle	HQP	Hydro	O	175	Y	N	N	
La Grande-1	HQP	Hydro	O	1512	Y	N	N	
La Grande-2-A	HQP	Hydro	O	2340	Y	N	N	
La Grande-3	HQP	Hydro	O	2425	Y	N	N	Capacity is limited to 2425 MVA under "Convention de la Baie-James et du Nord québécois".
La Grande-4	HQP	Hydro	O	2925	Y	N	N	
La Tuque	HQP	Hydro	O	327	N	N	N	
Laforge-1	HQP	Hydro	O	924	Y	N	N	
Laforge-2	HQP	Hydro	O	336	Y	N	N	
Manic-1	HQP	Hydro	O	205	Y	N	N	
Manic-5	HQP	Hydro	O	1680	Y	N	N	
Manic-5-PA	HQP	Hydro	O	1120	Y	N	N	
Mercier	HQP	Hydro	O	58	N	N	N	
Outardes-2	HQP	Hydro	O	615	Y	N	N	
Outardes-3	HQP	Hydro	O	1080	Y	N	N	
Outardes-4	HQP	Hydro	O	872	Y	N	N	
Paugan	HQP	Hydro	O	251,5	N	Y	N	

Name	Entity	Type	Facility classified as RTP?	Installed Capacity (MVA)	Connected to RTP?	At least one unit can be synchronized with a neighbouring system?	Generator substation included?	Specificities
Péribonka	HQP	Hydro	O	427,8	N	N	N	Capacity is limited to 427,8 MVA under governmental decree #267-2004.
Première-Chute	HQP	Hydro	O	145	N	Y	N	
Rapide-2	HQP	Hydro	O	84	N	Y	N	
Rapide-7	HQP	Hydro	O	84	N	Y	N	
Rapide-Blanc	HQP	Hydro	O	240	N	N	N	
Rapide-des-Quinze	HQP	Hydro	O	128,2	N	Y	N	
Rapides-des-Cœurs	HQP	Hydro	O	84,4	N	N	N	Capacity is limited to 84,4 MVA under governmental decree #379-2005.
Rapides-des-Îles	HQP	Hydro	O	195,36	N	Y	N	
Rapides-Farmers	HQP	Hydro	O	127,5	N	Y	N	
René-Lévesque	HQP	Hydro	O	1560	Y	N	N	
Robert-Bourassa	HQP	Hydro	O	5920	Y	N	N	Capacity is limited to 5920 MVA under "Convention de la Baie-James et du Nord québécois."
Rocher-de-Grand-Mère	HQP	Hydro	O	255,6	N	N	N	Capacity is limited to 255,6 MVA under request of modification to governmental decree #591-2000 dated Octobre 15 2002.
Romaine-1	HQP	Hydro	O	300	Y	N	N	Capacity is limited to 300 MVA under governmental decree #537-2009.
Romaine-2	HQP	Hydro	O	711	Y	N	N	Capacity is limited to 711 MVA under governmental decree #537-2009.
Sainte-Marguerite-3	HQP	Hydro	O	928,4	Y	N	N	Capacity is limited to 928,4 MVA under governmental decree #297-94.
Sarcelle	HQP	Hydro	O	166,7	Y	N	N	Capacity is limited to 166,7 MVA under governmental decree #3214-10-17.
Shawinigan-2	HQP	Hydro	O	243	N	N	N	
Shawinigan-3	HQP	Hydro	O	228	N	N	N	
Toulnostouc	HQP	Hydro	O	584	Y	N	N	
Trenche	HQP	Hydro	O	336	N	N	N	
Lac-Alfred et La Mitis	LA	Wind	O	324,6 MW	Y	N	N	
Massif-du-Sud	MDS	Wind	O	150 MW	N	N	N	
Montérégie	MON	Wind	O	101,2 MW	N	N	N	
Moulins	MOU	Wind	O	135,7 MW	N	N	N	
Mont-Louis	NLP	Wind	O	100,5 MW	N	N	N	
St-Ulric/St-Léandre	NLP	Wind	O	127,5 MW	N	N	N	
Rivière-du-Moulin	RDM	Wind	O	350 MW	Y	N	N	
Mont-Rothery	ROT	Wind	O	75,85 MW	N	N	N	
Chute-à-Caron	RTA	Hydro	O	180	N	N	N	

Name	Entity	Type	Facility classified as RTP?	Installed Capacity (MVA)	Connected to RTP?	At least one unit can be synchronized with a neighbouring system?	Generator substation included?	Specificities
Chute-à-la-Savane	RTA	Hydro	O	300	N	N	N	
Chute-des-Passes	RTA	Hydro	O	940	N	N	N	
Chute-du-Diable	RTA	Hydro	O	300	N	N	N	
Isle-Maligne	RTA	Hydro	O	462	N	N	N	
Shipshaw	RTA	Hydro	O	1076	N	N	N	
Shipshaw 13	RTA	Hydro	O	250	N	N	N	
McCormick	SCHM	Hydro	O	454	Y	N	N	
Seigneurie-de-Beaupré	SDB	Wind	O	363,2 MW	Y	N	N	
St-Robert-Bellarmin et du Granit	SRB	Wind	O	104,6 MW	N	N	N	
TransCanada Energy (Cogénération de Bécancour)	TCQ	Thermal (co-generation)	O	748	N	N	N	Operations suspended, except in winter (maximum 300 hours per winter and a maximum of 2 appeals per day starting June 1, 2016).
Vents-du-Kempt	VDK	Wind	O	101,05 MW	N	N	N	



## **APPENDIX D – APPLICATION OF THE CIP STANDARDS (VERSION 5)**





## **APPENDIX D – APPLICATION OF THE CIP STANDARDS (VERSION 5)**

In decision D-2016-119, the Régie de l'énergie established different effective dates for entity compliance with version 5 of the CIP standards based on whether the entities were identified in the Register of entities in effect at the time of the decision as having assets classified as critical for CIP Standards version

1.

Entities that were identified in the Register of entities in effect at the time of the decision as having assets classified as critical for CIP Standards version 1 were :

- Hydro-Québec - Contrôle des mouvements d'énergie (une direction de HQT)
- Hydro-Québec Production
- Hydro-Québec TransÉnergie

All other registered entities were not identified in the Register of entities in effect at the time of the decision as having assets classified as critical for CIP Standards version 1.



## APPENDIX E – SPECIAL PROTECTION SYSTEMS



## APPENDIX E – SPECIAL PROTECTION SYSTEMS

N° NPCC	Type	Nature of the special protection system
SPS #124	I	Generation Rejection
SPS #134	I	Generation Rejection and Remote Load Shedding
SPS #151	II	Islanding
SPS #134	I	Remote tripping of inductances
SPS #134	I	Remote tripping of inductances
SPS #134	I	Remote tripping of inductances
SPS #134	I	Remote tripping of inductances
SPS #114	II	Remote load shedding
SPS #160	I	Remote load shedding



**APPENDIX F – LIST OF FACILITIES DESIGNATED PER CERTAIN CRITERIA IN CIP-002-  
5.1**





## APPENDIX F – LIST OF FACILITIES DESIGNATED PER CERTAIN CRITERIA IN CIP-002-5.1

In its order D-2017-031, the Régie writes<sup>6</sup>:

*« [126] Pour ces motifs, la Régie est d'avis qu'une telle désignation discrétionnaire, pour être effective, doit obtenir son approbation préalable.*

*[127] Par conséquent, la Régie ... demande au Coordonnateur de prévoir au Registre l'identification des Installations désignées, le cas échéant, par le RC, le PC ou le TP, conformément aux critères 2.3, 2.6, 2.7 ou 2.9 de l'Annexe 1 de la norme CIP-002-5.1. »* [The Reliability Coordinator underlines.]

Per criteria 2.3, 2.6 and 2.9 (Designation Criteria) of appendix 1 of CIP-002-5.1, the Transmission Planner, the Reliability Coordinator or the Transmission Planner can designate facilities<sup>7</sup>. The designation of a Facility per one or more Designation Criteria is sufficient to characterize the impact of the Facility as medium. However, the designation is effective (or necessary) only if the impact of the Facility is characterized as medium solely as a result of its designation by one or more Designation Criteria.

Currently, no Facility in Québec is characterized as medium impact solely a result of its designation per one or more Designation Criteria.

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<sup>6</sup> Unofficial translation : « [126] For these reasons, the Régie considers it must approve such a designation for the designation to be effective. [127] Consequently, the Régie orders the Coordinator to identify the facilities designated per criteria 2.3, 2.6 and 2.9 (Designation Criteria) of appendix 1 of CIP-002-5.1 in the Registry of Entities.[The Reliability Coordinator underlines.] »

<sup>7</sup> Criterion 2.7 does not include a designation by the RC, PC or TP and furthermore, is not currently applicable in Quebec.



## **APPENDIX G – SUMMARY OF THE ADDITIONS FOLLOWING DECISION D-2018-149**



## **APPENDIX G – SUMMARY OF THE ADDITIONS FOLLOWING DECISION D-2018-149**

The following lines have been added to Appendix B of the Register: L1180; L1181; L1355; L1420; L1422; L1423; L1616; L1617; L1618; L1619; L1620; L1640; L1641; L1642; L1643; L1650; L1651; L1654; L1655; L1661 and L1662.