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

Hydro Québec TransÉnergie

Reliability Coordinator

Register of Entities
Subject to Reliability Standards

Filed June 15, 2020

Table of Contents

1. PURPOSE OF REGISTER 3

2. ENTITIES SUBJECT TO RELIABILITY STANDARDS 3

3. FACILITIES SUBJECT TO RELIABILITY STANDARDS – SPECIFICITIES 5

3.1. GENERATOR SUBSTATION 5

APPENDIX A – ENTITIES 7

APPENDIX B – TRANSMISSION FACILITIES 13

APPENDIX C – GENERATING FACILITIES 35

APPENDIX D – APPLICATION OF THE CIP STANDARDS (VERSION 5) 39

APPENDIX E – SPECIAL PROTECTION SYSTEMS 41

APPENDIX F – LIST OF FACILITIES DESIGNATED UNDER CERTAIN CIP-002-5.1 CRITERIA 43

VERSION HISTORY 45

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).[1]

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.[2]

2. ENTITIES SUBJECT TO RELIABILITY STANDARDS

The applicability of the reliability standards and their Québec appendices are based upon the NERC functional model and on the identification of the facilities of the main transmission system (RTP), per the partial application of the "Methodology for Identifying Main Transmission System Elements" further to decision D-2018-149. 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 an RTP generating facility.

[1] *Act respecting the Régie de l'énergie* (R.S.Q., c R-6.01), section 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; …"
[2] Decision D-2011-068, p. 43, par. 175.

- **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.
- **Transmission Service Provider (TSP)**: Entity that provides an OATT-type transmission service.
- **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 as 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

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.

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 Systems classified as Type I or Type II by NPCC	Undervoltage load shedding program (DST) (owns/operates)	Underfrequency load shedding program (DSF) (owns/operates)	
Innergex Cartier Énergie S.E.C. L'Anse-à-Valleau wind farm	AAV	1225 Saint-Charles Ouest, 10e étage, Longueuil, Qc, J4K 0B9					GOP	GO							Y	N	N	N	N	N / N	N / N	
Innergex Inc. Baie-des-Sables wind farm	BDS	1225 Saint-Charles Ouest, 10e étage, Longueuil, Qc, J4K 0B9					GOP	GO							Y	N	N	N	N	N / N	N / N	
Innergex Cartier Énergie S.E.C. Carleton wind farm	CAR	1225 Saint-Charles Ouest, 10e étage, Longueuil, Qc, J4K 0B9					GOP	GO							Y	N	N	N	N	N / N	N / N	
Innergex Cartier Énergie S.E.C. Gros-Morne wind farm	GM	1225 Saint-Charles Ouest, 10e étage, Longueuil, Qc, J4K 0B9					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	

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 Systems classified as Type I or Type II by NPCC	Undervoltage load shedding program (DST) (owns/operates)	Underfrequency load shedding program (DSF) (owns/operates)	
EEN CA Lac Alfred S.E.C. and Enbridge Lac Alfred Wind Project S.E.C.(EDF EN Canada Inc.)	LA	1134, rue Ste-Catherine ouest, bur. 910, Montréal, QC, H3B 1H4					GOP	GO							Y	N	N	N	N	N / N	N / N	
EEN CA Massif-Du-Sud S.E.C. and 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	
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	
EEN CA Rivière-du-Moulin S.E.C. and 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	
EEN CA Hermine Saint-Robert-Bellarmin S.E.C. and 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	
Énergie éolienne Le Plateau 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	

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 Systems 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 (a branch of HQT)	HQCMÉ	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 Systems 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	
Parc éolien Mesgi'g Ugju's'n S.E.C.	MEU	2 Riverside West Listuguj, QC, G0C 2R0					GOP	GO							Y	N	N	N	N	N / N	N / N	
Parc éolien Mont Sainte-Marguerite S.E.C.	MSM	226, rue de l'église Saint-Séverin, QC, G0N 1V0					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 Systems classified as Type I or Type II by NPCC	Undervoltage load shedding program (DST) (owns/operates)	Underfrequency load shedding program (DSF) (owns/operates)	
Parc éolien Nicolas-Riou S.E.C.	NRI	1010 rue de la Gauchetière Ouest, bureau 2000, Montréal, QC, H3B 2N2					GOP	GO							Y	N	N	N	N	N / N	N / N	
Parcs éoliens Témiscouata	TEM	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 facilities for industrial use
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	SCHM	3860, boul. Laflèche, C.P. 2084 Baie-Comeau, QC, G5C 3X4				TO	GOP	GO						DP	Y	N	N	N	N	N / N	N / N	
TransCanada Québec Inc.	TCQ	7005, boul. Raoul Duchesne Becancour, QC, TG9H 4X6					GOP	GO							Y	N	N	N	N	N / N	N / N	
Venterre NRG Inc†.	VEN	169, Armand-Lelièvre					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 Systems classified as Type I or Type II by NPCC	Undervoltage load shedding program (DST) (owns/operates)	Underfrequency load shedding program (DSF) (owns/operates)	
		New Richmond, QC, G0C 2B0																				
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	
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	

* Temporary suspension of TO registration for the entity as per decision D-2020-052.

† Temporary suspension of this entity from the Register as per decision D-2020-065.

APPENDIX B – TRANSMISSION FACILITIES

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
CRT	Line	CD11	120	None	N	Only the portion in Québec is covered
CRT	Line	CD22	120	None	N	Only the portion in Québec is covered
ÉLL	Line	D5A	230	None	Y	Only the portion in Québec is covered
ÉLL	Line	H9A	120	None	N	Only the portion in Québec is covered
ÉLL	Line	MATI	120	None	N	
ÉLL	Substation	Masson Nord	120	None	-	MXC1 capacitor bank is not included in the RTP
ÉLL	Substation	Masson Sud	230 - 120	None	-	
ÉLP	Substation	Plateau§	315	None	-	
HQT	Line	A41T	230	None	Y	Only the portion in Québec is covered.
HQT	Line	A42T	230	None	Y	Only the portion in Québec is covered.
HQT	Line	B31L	230	None	Y	Only the portion in Québec is covered.
HQT	Line	B5D	230	None	Y	Only the portion in Québec is covered.
HQT	Line	D4Z	120	None	N	Only the portion in Québec is covered.
HQT	Line	H4Z	120	None	N	Only the portion in Québec is covered.
HQT	Line	L0440	450 (DC)	450 (DC)†	Y	
HQT	Line	L0451	450 (DC)	450 (DC)†	Y	Only the portion in Québec is covered.
HQT	Line	L0452	450 (DC)	450 (DC)†	Y	Only the portion in Québec is covered.
HQT	Line	L0460	450 (DC)	450 (DC)†	Y	Only the portion in Québec is covered.
HQT	Line	L0470	450 (DC)	450 (DC)†	Y	
HQT	Line	L1101	120	None	N	
HQT	Line	L1104	120	None	N	
HQT	Line	L1108	120	None	N	
HQT	Line	L1110	120	None	N	
HQT	Line	L1112	120	None	N	

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Line	L1114	120	None	N	
HQT	Line	L1123	120	None	N	
HQT	Line	L1125	120	None	N	
HQT	Line	L1173	120	None	N	
HQT	Line	L1180*‡	120	120	N	
HQT	Line	L1181*‡	120	120	N	
HQT	Line	L1201	120	120*	N	
HQT	Line	L1202	120	120*	N	
HQT	Line	L1256	120	120*	N	
HQT	Line	L1257	120	120*	N	
HQT	Line	L1260	120	120*	N	
HQT	Line	L1261	120	120*	N	
HQT	Line	L1291	120	120	N	
HQT	Line	L1292	120	120	N	
HQT	Line	L1332	120	None	N	
HQT	Line	L1333	120	None	N	
HQT	Line	L1355*‡	120	120	N	
HQT	Line	L1362	120	120	N	
HQT	Line	L1363	120	120	N	
HQT	Line	L1376	120	None	N	
HQT	Line	L1398	120	120*	N	
HQT	Line	L1399	120	120*	N	
HQT	Line	L1400	120	None	N	Only the portion in Québec is covered.
HQT	Line	L1401	120	None	N	
HQT	Line	L1402	120	None	N	
HQT	Line	L1420*‡	120	120	N	
HQT	Line	L1422*‡	120	120	N	
HQT	Line	L1423*‡	120	120	N	
HQT	Line	L1424	120	None	N	
HQT	Line	L1425	120	None	N	
HQT	Line	L1426	120	None	N	
HQT	Line	L1427	120	None	N	
HQT	Line	L1428	120	None	N	
HQT	Line	L1429	120	None	N	Only the portion in Québec is covered.

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Line	L1437	120	120*	N	
HQT	Line	L1438	120	120*	N	
HQT	Line	L1439	120	120*	N	
HQT	Line	L1470	120	None	N	
HQT	Line	L1472	120	120*	N	
HQT	Line	L1540	120	None	N	
HQT	Line	L1541	120	None	N	
HQT	Line	L1614	161	None	N	
HQT	Line	L1616*‡	161	161	N	
HQT	Line	L1617*‡	161	161	N	
HQT	Line	L1618*‡	161	161	N	
HQT	Line	L1619‡*	161	161	N	
HQT	Line	L1620*‡	161	161	N	
HQT	Line	L1642*‡	161	161	N	
HQT	Line	L1643*‡	161	161	N	
HQT	Line	L1644	161	161*	N	
HQT	Line	L1645	161	161*	N	
HQT	Line	L1650*‡	161	161	N	
HQT	Line	L1651*‡	161	161	N	
HQT	Line	L1654*‡	161	161	N	
HQT	Line	L1655‡*	161	161	N	
HQT	Line	L1661*‡	161	161	N	
HQT	Line	L1662*‡	161	161	N	
HQT	Line	L2101	230	None	Y	Only the portion in Québec is covered.
HQT	Line	L2102	230	None	Y	Only the portion in Québec is covered.
HQT	Line	L2304	None	None	Y	
HQT	Line	L2305	None	None	Y	
HQT	Line	L2306	230	230*	Y	
HQT	Line	L2307	230	230*	Y	
HQT	Line	L2308	230	230*	Y	
HQT	Line	L2310	230	230	Y	
HQT	Line	L2311‡	230	230*	Y	

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Line	L2312‡	230	230*	Y	
HQT	Line	L2313	230	None	Y	
HQT	Line	L2314	230	None	Y	
HQT	Line	L2317	None	None	Y	
HQT	Line	L2318	None	None	Y	
HQT	Line	L2319	230	230*	Y	
HQT	Line	L2320	None	None	Y	
HQT	Line	L2321‡	230	230*	Y	
HQT	Line	L2322‡	230	230*	Y	
HQT	Line	L2323‡	230	230*	Y	
HQT	Line	L2324	230	230*	Y	
HQT	Line	L2325	230	None	Y	
HQT	Line	L2326	None	None	Y	
HQT	Line	L2327‡	230	230*	Y	
HQT	Line	L2329‡	230	230*	Y	
HQT	Line	L2330	None	None	Y	
HQT	Line	L2331	None	None	Y	
HQT	Line	L2332‡	230	230*	Y	
HQT	Line	L2333‡	230	230*	Y	
HQT	Line	L2334	None	None	Y	
HQT	Line	L2336‡	230	230*	Y	
HQT	Line	L2337‡	230	230*	Y	
HQT	Line	L2338‡	230	230*	Y	
HQT	Line	L2340	None	None	Y	
HQT	Line	L2341	None	None	Y	
HQT	Line	L2342	None	None	Y	
HQT	Line	L2343	None	None	Y	
HQT	Line	L2344	None	None	Y	
HQT	Line	L2345	None	None	Y	
HQT	Line	L2346	230	None	Y	
HQT	Line	L2349	None	None	Y	
HQT	Line	L2350	None	None	Y	
HQT	Line	L2351	None	None	Y	
HQT	Line	L2352	None	None	Y	

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Line	L2354	None	None	Y	
HQT	Line	L2355	None	None	Y	
HQT	Line	L2356	230	None	Y	
HQT	Line	L2357	None	None	Y	
HQT	Line	L2358	None	None	Y	
HQT	Line	L2360‡	230	230*	Y	
HQT	Line	L2361‡	230	230*	Y	
HQT	Line	L2365	None	None	Y	
HQT	Line	L2367	None	None	Y	
HQT	Line	L2369‡	230	230*	Y	
HQT	Line	L2370	None	None	Y	
HQT	Line	L2371	None	None	Y	
HQT	Line	L2372	230	None	Y	
HQT	Line	L2373	None	None	Y	
HQT	Line	L2374	None	None	Y	
HQT	Line	L2375‡	230	230*	Y	
HQT	Line	L2376‡	230	230*	Y	
HQT	Line	L2377‡	230	230*	Y	
HQT	Line	L2378	None	None	Y	
HQT	Line	L2379	230	None	Y	
HQT	Line	L2380	None	None	Y	
HQT	Line	L2381	230	230*	Y	
HQT	Line	L2382	230	230*	Y	
HQT	Line	L2383	230	230*	Y	
HQT	Line	L2384	None	None	Y	
HQT	Line	L2385	230	None	Y	
HQT	Line	L2386	230	None	Y	
HQT	Line	L2387	None	None	Y	
HQT	Line	L2388	None	None	Y	
HQT	Line	L2389	None	None	Y	
HQT	Line	L2392	None	None	Y	
HQT	Line	L2393	None	None	Y	
HQT	Line	L2396	None	None	Y	
HQT	Line	L2397	None	None	Y	
HQT	Line	L2398	None	None	Y	

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Line	L2399‡	230	230*	Y	
HQT	Line	L2401	None	None	Y	
HQT	Line	L2402	None	None	Y	
HQT	Line	L2404	None	None	Y	
HQT	Line	L2405	None	None	Y	
HQT	Line	L2406	230	230*	Y	
HQT	Line	L2407	None	None	Y	
HQT	Line	L2408	None	None	Y	
HQT	Line	L2409†	None	None	Y	
HQT	Line	L3001	315	315*	Y	
HQT	Line	L3002	315	315*	Y	
HQT	Line	L3003	315	315*	Y	
HQT	Line	L3004	315	315*	Y	
HQT	Line	L3005	315	None	Y	
HQT	Line	L3006‡	315	315*	Y	
HQT	Line	L3007	315	315*	Y	
HQT	Line	L3008	315	315*	Y	
HQT	Line	L3009	315	None	Y	
HQT	Line	L3010	315	315*	Y	
HQT	Line	L3011	315	None	Y	
HQT	Line	L3012	315	None	Y	
HQT	Line	L3013	315	315*	Y	
HQT	Line	L3014	315	315*	Y	
HQT	Line	L3015	315	None	Y	
HQT	Line	L3017‡	315	315*	Y	
HQT	Line	L3019‡	315	315*	Y	
HQT	Line	L3020	315	None	Y	
HQT	Line	L3021	315	315*	Y	
HQT	Line	L3022	315	315*	Y	
HQT	Line	L3023	315	315*	Y	
HQT	Line	L3024	315	315*	Y	
HQT	Line	L3026	315	None	Y	
HQT	Line	L3027	315	315*	Y	
HQT	Line	L3028	315	315*	Y	
HQT	Line	L3029	315	315*	Y	

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Line	L3030	315	315*	Y	
HQT	Line	L3031	315	315*	Y	
HQT	Line	L3032	315	315*	Y	
HQT	Line	L3033	315	315*	Y	
HQT	Line	L3034	315	315*	Y	
HQT	Line	L3035	315	315*	Y	
HQT	Line	L3036	315	315*	Y	
HQT	Line	L3039‡	315	315*	Y	
HQT	Line	L3040	315	315*	Y	
HQT	Line	L3041	315	None	Y	
HQT	Line	L3042	None	None	Y	
HQT	Line	L3043	None	None	Y	
HQT	Line	L3044‡	315	315*	Y	
HQT	Line	L3045‡	315	315*	Y	
HQT	Line	L3046‡	315	315*	Y	
HQT	Line	L3047‡	315	315*	Y	
HQT	Line	L3048‡	315	315*	Y	
HQT	Line	L3049	315	315*	Y	
HQT	Line	L3050‡	315	315*	Y	
HQT	Line	L3052	315	315*	Y	
HQT	Line	L3053	315	315*	Y	
HQT	Line	L3054	315	315*	Y	
HQT	Line	L3055	315	315*	Y	
HQT	Line	L3056	315	315*	Y	
HQT	Line	L3057	315	315*	Y	
HQT	Line	L3058‡	315	315*	Y	
HQT	Line	L3059‡	315	315*	Y	
HQT	Line	L3062	315	315*	Y	
HQT	Line	L3063	315	315*	Y	
HQT	Line	L3065‡	315	315*	Y	
HQT	Line	L3066‡	315	315*	Y	
HQT	Line	L3067	315	315*	Y	
HQT	Line	L3068‡	315	315*	Y	
HQT	Line	L3069	315	315*	Y	

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Line	L3070	315	315*	Y	
HQT	Line	L3071	315	315*	Y	
HQT	Line	L3072	None	None	Y	
HQT	Line	L3073	None	None	Y	
HQT	Line	L3074	None	None	Y	
HQT	Line	L3075	None	None	Y	
HQT	Line	L3076	None	None	Y	
HQT	Line	L3078	315	315*	Y	
HQT	Line	L3079	315	315*	Y	
HQT	Line	L3080	315	315*	Y	
HQT	Line	L3081	315	315*	Y	
HQT	Line	L3082	315	None	Y	
HQT	Line	L3083	315	None	Y	
HQT	Line	L3084	315	None	Y	
HQT	Line	L3085	315	None	Y	
HQT	Line	L3086	315	315*	Y	
HQT	Line	L3087	315	315*	Y	
HQT	Line	L3088	None	None	Y	
HQT	Line	L3089	315	None	Y	
HQT	Line	L3090	315	None	Y	
HQT	Line	L3091	315	315*	Y	
HQT	Line	L3092	315	315*	Y	
HQT	Line	L3093	315	315*	Y	
HQT	Line	L3094	315	315*	Y	
HQT	Line	L3095	345	345*	Y	
HQT	Line	L3098‡	315	315*	Y	
HQT	Line	L3100	315	315*	Y	
HQT	Line	L3101	315	None	Y	
HQT	Line	L3102	315	None	Y	
HQT	Line	L3104	315	315	Y	
HQT	Line	L3105	315	315	Y	
HQT	Line	L3106	315	315*	Y	
HQT	Line	L3107	315	None	Y	
HQT	Line	L3108	None	None	Y	
HQT	Line	L3109	None	None	Y	
HQT	Line	L3110	315	315*	Y	

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Line	L3113	315	None	Y	Only the portion in Québec is covered.
HQT	Line	L3114	345	None	Y	Only the portion in Québec is covered.
HQT	Line	L3115	315	315*	Y	
HQT	Line	L3116	315	315*	Y	
HQT	Line	L3117	315	None	Y	
HQT	Line	L3118	315	None	Y	
HQT	Line	L3121	315	315*	Y	
HQT	Line	L3122	315	315*	Y	
HQT	Line	L3123	315	315*	Y	
HQT	Line	L3127	315	None	Y	
HQT	Line	L3129	315	315*	Y	
HQT	Line	L3130†	315	None	Y	
HQT	Line	L3131	315	None	Y	
HQT	Line	L3133	315	None	Y	
HQT	Line	L3145	None	None	Y	
HQT	Line	L3150	315	315*	Y	
HQT	Line	L3151	315	315*	Y	
HQT	Line	L3152	315	315*	Y	
HQT	Line	L3153	315	315*	Y	
HQT	Line	L3154	None	None	Y	
HQT	Line	L3155	None	None	Y	
HQT	Line	L3162	315	315	Y	
HQT	Line	L3163	315	315	Y	
HQT	Line	L3166	315	None	Y	
HQT	Line	L3167	315	None	Y	
HQT	Line	L3168	315	None	Y	
HQT	Line	L3169	315	None	Y	
HQT	Line	L3170	315	None	Y	
HQT	Line	L3171	315	None	Y	
HQT	Line	L3172	315	315*	Y	
HQT	Line	L3173	315	315*	Y	
HQT	Line	L3176	315	315*	Y	
HQT	Line	L3177	315	315*	Y	
HQT	Line	L3186	315	315*	Y	
HQT	Line	L3187	315	None	Y	

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Line	L3188	315	None	Y	
HQT	Line	L3189	315	None	Y	
HQT	Line	L3190	315	None	Y	
HQT	Line	L3191	315	None	Y	
HQT	Line	L3192	315	315*	Y	
HQT	Line	L3198†	None	None	Y	
HQT	Line	L3199†	None	None	Y	
HQT	Line	L3209†	315	None	Y	
HQT	Line	L4003	450 (DC)	450 (DC)	Y	
HQT	Line	L4004	450 (DC)	450 (DC)	Y	
HQT	Line	L4005	450 (DC)	None	Y	
HQT	Line	L4006	450 (DC)	None	Y	
HQT	Line	L4007	450 (DC)	450 (DC)	Y	
HQT	Line	L4008	450 (DC)	450 (DC)	Y	
HQT	Line	L4009	450 (DC)	450 (DC)	Y	
HQT	Line	L4010	450 (DC)	450 (DC)	Y	
HQT	Line	L7002	735	735	Y	
HQT	Line	L7004	735	735	Y	
HQT	Line	L7005	735	735	Y	
HQT	Line	L7006	735	735	Y	
HQT	Line	L7007	735	735	Y	
HQT	Line	L7008	735	735	Y	
HQT	Line	L7009	735	735	Y	
HQT	Line	L7010	735	735	Y	
HQT	Line	L7011	735	735	Y	
HQT	Line	L7014	735	735	Y	
HQT	Line	L7016	735	735	Y	
HQT	Line	L7017	735	735	Y	
HQT	Line	L7018	735	735	Y	
HQT	Line	L7019	735	735	Y	
HQT	Line	L7020	735	735	Y	
HQT	Line	L7023	735	735	Y	
HQT	Line	L7024	735	735	Y	
HQT	Line	L7025	735	735	Y	
HQT	Line	L7026	735	735	Y	
HQT	Line	L7027	735	735	Y	

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Line	L7028	735	735	Y	
HQT	Line	L7029	735	735	Y	
HQT	Line	L7031	735	735	Y	
HQT	Line	L7032	735	735	Y	
HQT	Line	L7033	735	735	Y	
HQT	Line	L7034	735	735	Y	
HQT	Line	L7035	735	735	Y	
HQT	Line	L7036	735	735	Y	
HQT	Line	L7038	735	735	Y	
HQT	Line	L7040	765	765	Y	Only the portion in Québec is covered.
HQT	Line	L7042	735	735	Y	
HQT	Line	L7044	735	735	Y	
HQT	Line	L7045	735	735	Y	
HQT	Line	L7046	735	735	Y	
HQT	Line	L7047	735	735	Y	
HQT	Line	L7048	735	735	Y	
HQT	Line	L7049	735	735	Y	
HQT	Line	L7051	735	735	Y	Only the portion in Québec is covered.
HQT	Line	L7052	735	735	Y	Only the portion in Québec is covered.
HQT	Line	L7053	735	735	Y	Only the portion in Québec is covered.
HQT	Line	L7054	735	735	Y	
HQT	Line	L7055	735	735	Y	
HQT	Line	L7056	735	735	Y	
HQT	Line	L7057	735	735	Y	
HQT	Line	L7059	735	735	Y	
HQT	Line	L7060	735	735	Y	Sakami-1 blocking capacitor is included in the RTP.
HQT	Line	L7061	735	735	Y	Opinaca-1 blocking capacitor is included in the RTP.
HQT	Line	L7062	735	735	Y	Opinaca-2 blocking capacitor is included in the RTP.

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Line	L7063	735	735	Y	Opinaca-3 blocking capacitor is included in the RTP.
HQT	Line	L7066	735	735	Y	
HQT	Line	L7067	735	735	Y	
HQT	Line	L7068	735	735	Y	
HQT	Line	L7069	735	735	Y	
HQT	Line	L7070	735	735	Y	
HQT	Line	L7071	735	735	Y	
HQT	Line	L7072	735	735	Y	
HQT	Line	L7073	735	735	Y	
HQT	Line	L7076	735	735	Y	
HQT	Line	L7077	735	735	Y	
HQT	Line	L7078	735	735	Y	
HQT	Line	L7079	735	735	Y	
HQT	Line	L7080	735	735	Y	
HQT	Line	L7081	735	735	Y	
HQT	Line	L7082	735	735	Y	
HQT	Line	L7084	735	735	Y	
HQT	Line	L7085	735	735	Y	
HQT	Line	L7086	735	735	Y	
HQT	Line	L7088	735	735	Y	
HQT	Line	L7089	735	735	Y	
HQT	Line	L7090	735	735	Y	
HQT	Line	L7092	735	735	Y	
HQT	Line	L7093	735	735	Y	
HQT	Line	L7094	735	735	Y	
HQT	Line	L7095	735	735	Y	
HQT	Line	L7096	735	735	Y	
HQT	Line	L7097	735	735	Y	
HQT	Line	L7100	735	735	Y	
HQT	Line	L7101	735	735	Y	
HQT	Line	L7102	735	735	Y	
HQT	Line	L7103†	735	735	Y	
HQT	Line	L7108†	735	735	Y	
HQT	Line	P33C	230	None	Y	Only the portion in Québec is covered.

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Line	Q4C	230	None	Y	Only the portion in Québec is covered.
HQT	Line	X2Y	120	None	N	Only the portion in Québec is covered.
HQT	Substation	Abitibi	735 - 315 - 16	735 - 315	-	
HQT	Substation	Alain-Grandbois	315	None	-	315 kV transformers are not included in the RTP.
HQT	Substation	Albanel	735 - 22	735	-	The portion at 25 kV feed by T31 and T32 as well as those transformers are not included in the RTP.
HQT	Substation	Appalaches	735 - 230	735 - 230	-	
HQT	Substation	Arnaud	735 - 315 - 161	735 - 315 - 161	-	
HQT	Substation	Beauharnois (generator substation)	120 - 12	120	-	
HQT	Substation	Beauharnois 230 kV	230 - 120	None	-	
HQT	Substation	Beaumont (generator substation)	230 - 13.8	None	-	
HQT	Substation	Beaupré	315	None	-	315 kV transformers are not included in the RTP.
HQT	Substation	Bécancour	230	None	-	230 kV transformers are not included in the RTP. 120 and 230 kV capacitors (XC) are included in the RTP.
HQT	Substation	Bécancour (generator substation)	230 – 13.8	None	-	
HQT	Substation	Bedford	120	None	-	120 kV transformers are not included in the RTP. 25 kV capacitors (XC) are included in the RTP.
HQT	Substation	Bergeronnes	735	None	-	
HQT	Substation	Bersimis-1 (generator substation)	315 – 13.8	None	-	
HQT	Substation	Bersimis-2 (generator substation)	315 – 13.8	None	-	
HQT	Substation	Blainville	315	None	-	315 kV transformers are not included in the RTP.
HQT	Substation	Boucherville	735 - 315 -230	735 - 315 -230	-	

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Substation	Bout-de-l'Île	735 - 315 - 25	735 - 315	-	Among 25 kV elements, only the compensators (CLC) and associated elements are included. The 120 kV capacitors (XC) are also included in the RTP.*
HQT	Substation	Brisay (generator substation)	315 - 13.8	None	-	
HQT	Substation	Bryson (generator substation)	120 - 6.6	None	-	
HQT	Substation	Cadieux	120	None	-	120 kV transformers are not included in the RTP.
HQT	Substation	Cantons	735 - 230 - 450 (DC)	735 - 230	-	
HQT	Substation	Cantons (230-120 kV)	230	230	-	120 kV capacitors (XC) are included in the RTP.
HQT	Substation	Carignan	735 - 230	735 - 230	-	
HQT	Substation	Carillon (generator substation)	120 – 13.8	None	-	
HQT	Substation	Cèdres (generator substation)	120 – 6.6	None	-	
HQT	Substation	Chamouchouane	735 - 16	735	-	
HQT	Substation	Charlesbourg	230	None	-	Only RTP feeder lines are included in the RTP.
HQT	Substation	Charlevoix	315	None	-	315 kV transformers are not included in the RTP.
HQT	Substation	Châteauguay	765 - 735 - 315 -120 – 13.7 - 60 (DC)	765 - 735 - 315 - 120	-	
HQT	Substation	Chelsea (generator substation)	120 - 6.6	None	-	
HQT	Substation	Chénier	735 - 315 - 23	735 - 315	-	
HQT	Substation	Chibougamau	735 - 16	735	-	
HQT	Substation	Chissibi	735	735	-	
HQT	Substation	Chomedey	315	None	-	315 kV transformers are not included in the RTP. 120 kV capacitors (XC) are included in the RTP.
HQT	Substation	Chute-Allard (generator substation)	230 - 13.8	None	-	The 25 kV portion fed by T1 and T2 transformers is not included in the RTP.
HQT	Substation	Coaticook	120	None	-	120 kV transformers are not included in the RTP.

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Substation	Deschambault	315	None	-	
HQT	Substation	Duvernay	735 - 315 -16	735 - 315	-	120 kV capacitors (XC) are included in the RTP.
HQT	Substation	Eastmain-1 (generator substation)	315 - 12	None	-	The 120 kV portion fed by transformer T4, including this transformer, is not included in the RTP.
HQT	Substation	Eastmain-1-A (generator substation)	315 - 12	None	-	
HQT	Substation	Électrode-des-Cantons	450 (DC)	None	-	
HQT	Substation	Électrode-Duncan	450 (DC)	None	-	
HQT	Substation	Farnham	120	None	-	120 kV transformers are not included in the RTP. 25 kV capacitors (XC) are included in the RTP.
HQT	Substation	Francheville	230	None	-	230 kV transformers are not included in the RTP.
HQT	Substation	Gentilly-2	230	None	-	230 kV transformers are not included in the RTP.
HQT	Substation	Grand-Brûlé	735	735	-	120 kV capacitors (XC) are included in the RTP.
HQT	Substation	Grondines	450 DC	None	-	
HQT	Substation	Hauterive	315 - 161	None	-	T4 and T10 transformers are not included in the RTP.
HQT	Substation	Hertel	735 - 315	735 - 315	-	
HQT	Substation	Iberville	120	None	-	120 kV transformers are not included in the RTP.
HQT	Substation	Interconnexion-Maclaren	120	None	-	
HQT	Substation	Jacques-Cartier	735 - 315	735 - 315	-	
HQT	Substation	Judith-Jasmin†	735	735	-	
HQT	Substation	Kamouraska	315	None	-	
HQT	Substation	Kipawa	120	None	-	120 kV transformers, and capacitors XC11 and XC12 are not included in the RTP.
HQT	Substation	La Gabelle (generator substation)	230 - 6.6	None	-	
HQT	Substation	La Grande-1 (generator substation)	315 - 12	None	-	12/120 and 12/25 kV step-up transformers are not included in the RTP.

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Substation	La Grande-2 (generator substation of Robert-Bourassa generating station)	735 - 13.8	735	-	13.8/25 and 13.8/69 kV step-up transformers are not included in the RTP.
HQT	Substation	La Grande-2-A (generator substation)	315 - 13.8	315	-	
HQT	Substation	La Grande-3 (generator substation)	735 - 13.8	735	-	13.8/25 kV step-up transformers are not included in the RTP.
HQT	Substation	La Grande-4 (generator substation)	735 - 13.8	735	-	13.8/25 kV step-up transformers are not included in the RTP.
HQT	Substation	La Prairie	315	None	-	315 kV transformers are not included in the RTP. 120 kV capacitors (XC) are included in the RTP.
HQT	Substation	La Tuque (generator substation)	230 - 13.8/11	None	-	
HQT	Substation	La Vérendrye	735 - 16	735	-	
HQT	Substation	Lac-des-Îles	120	None	-	120 kV transformers are not included in the RTP.
HQT	Substation	Laforge-1 (generator substation)	315 - 13.8	None	-	13.8/25 kV step-up transformers are not included in the RTP.
HQT	Substation	Laforge-2 (generator substation)	315 - 13.8	None	-	13.8/25 kV step-up transformers are not included in the RTP.
HQT	Substation	Lanaudière	315	None	-	315 kV transformers are not included in the RTP. 120 kV capacitors (XC) are included in the RTP.
HQT	Substation	Langlois	730 V - 17 - 315 - 120	None	-	
HQT	Substation	Laurentides	735 - 315 - 230 - 39	735 - 315 - 230	-	
HQT	Substation	Le Moyne	735	735	-	
HQT	Substation	Lefrançois	315	None	-	315 kV transformers are not included in the RTP.
HQT	Substation	Leneuf	315	None	-	315 kV transformers are not included in the RTP.

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Substation	Léry	315 - 120	None	-	120 kV capacitors (XC) are included in the RTP. 120 kV reactors (XL) are not included in the RTP.
HQT	Substation	Les Basques	315	None	-	315 kV transformers are not included in the RTP.
HQT	Substation	Lévis	735 - 315 - 230 - 16	735 - 315 - 230	-	
HQT	Substation	Lévis 230-25 kV	230	230	-	
HQT	Substation	Lévis Déglaceur	315 - 43 - 20	315	-	
HQT	Substation	Lorrainville	120	None	-	120 kV transformers are not included in the RTP.
HQT	Substation	Lotbinière	450 (DC)	None	-	
HQT	Substation	Madawaska	345 - 315 - 131 (DC)	None	-	
HQT	Substation	Manic-1 (generator substation)	161 - 13.8	None	-	
HQT	Substation	Manic-2 (generator substation of Jean-Lesage generating station)	315 - 13.8	None	-	
HQT	Substation	Manic-3 (generator substation of René-Lévesque generating station)	315 - 13.8	None	-	
HQT	Substation	Manic-5 (generator substation)	315 - 13.8	None	-	
HQT	Substation	Manic-5-PA (generator substation)	315 - 13.8	None	-	
HQT	Substation	Manicouagan	735 - 315 - 16	735 - 315	-	
HQT	Substation	Matapédia	315 - 230	None	-	230/25 kV transformers are not included in the RTP. 230 kV capacitors (XC) and reactors (XL) are included in the RTP.
HQT	Substation	Mauricie	315 - 230	None	-	The 230 kV capacitor (XC) is included in the RTP.
HQT	Substation	Mercier (generator substation)	69 - 13.8	None	-	
HQT	Substation	Micoua	735 - 315	735 - 315	-	
HQT	Substation	Montagnais	735 - 315	735 - 315	-	
HQT	Substation	Montérégie	735 - 120	735 - 120	-	

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Substation	Murailles (generator substation of Romaine-2 generating station)	315 - 18	None	-	
HQT	Substation	Nemiscau	735 - 315 - 22	735 - 315	-	25 kV voltage level that is RTP is associated with the CLC compensators and not the portion that connects the load.
HQT	Substation	Nicolet	735 - 230	735 - 230	-	
HQT	Substation	Nicolet c.c.	450 (DC) - 230	450 (DC) - 230	-	
HQT	Substation	Nikamo	315	None	-	
HQT	Substation	Notre-Dame	315	None	-	315 kV transformers are not included in the RTP. 120 kV capacitors (XC) are included in the RTP.
HQT	Substation	Outaouais	315 - 240 - 75 (DC)	None	-	
HQT	Substation	Outardes	735	735	-	
HQT	Substation	Outardes-2 (generator substation)	315 - 13.8	None	-	
HQT	Substation	Outardes-3 (generator substation)	315 - 13.8	None	-	
HQT	Substation	Outardes-4 (generator substation)	315 - 13.8	None	-	
HQT	Substation	Paugan (generator substation)	230 - 120 - 6.6	None	-	
HQT	Substation	Péribonka (generator substation)	161 - 13.8	None	-	
HQT	Substation	Périgny	735	None	-	
HQT	Substation	Petite-Nation	120	None	-	Only 120 kV line feeders L1101 and L1104 are included in the RTP.
HQT	Substation	Première-Chute (generator substation)	120 - 13.8	None	-	

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Substation	Québec	315 - 230	None	-	Only transformer T1, and 230 and 69 kV capacitors (XC) are included in the RTP.
HQT	Substation	Quyon	230 - 120	None	-	
HQT	Substation	Radisson	735 - 315	735 - 315	-	
HQT	Substation	Radisson c.c.	450 (DC) - 315	450 (DC) - 315	-	
HQT	Substation	Rapide-2 (generator substation)	120 - 13.8	None	-	
HQT	Substation	Rapide-7 (generator substation)	120 - 13.8	None	-	
HQT	Substation	Rapide-Blanc (generator substation)	230 – 11	None	-	T11 and T12 transformers are not included in the RTP.
HQT	Substation	Rapides-des-Cœurs (generator substation)	230 - 13.8	None	-	
HQT	Substation	Rapides-des-Îles (generator substation)	120 -13.8	None	-	
HQT	Substation	Rapides-des-Quinze (generator substation)	120 – 13.2	None	-	
HQT	Substation	Rapides-Farmer (generator substation)	120 - 6.6	None	-	
HQT	Substation	Rimouski	315 - 230	None	-	230 kV transformers are not included in the RTP.
HQT	Substation	Rivière-du-Loup	315 - 230	None	-	T2 and T3 transformers are not included in the RTP.
HQT	Substation	Rocher-de-Grand-Mère (generator substation)	69 - 13.8	None	-	
HQT	Substation	Romaine-1 (generator substation)	315 - 13.8	None	-	
HQT	Substation	Romaine-2 (poste)	315	None	-	315 kV reactors (XL) is included in the RTP.
HQT	Substation	Romaine-3 (generator substation)†	315	None	-	
HQT	Substation	Saguenay	735 - 161	735 - 161	-	

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
HQT	Substation	Saint-Césaire	230 - 120	None	-	120 KV transformers are not included in the RTP.
HQT	Substation	Sainte-Marguerite-3 (generator substation)	315 - 18	None	-	
HQT	Substation	Saint-Sébastien	120	None	-	120 kV transformers are not included in the RTP. 25 kV capacitors (XC) are included in the RTP.
HQT	Substation	Sarcelle (generator substation)	315 - 13.8	None	-	
HQT	Substation	Shawinigan-2 (generator substation)	120 - 11	None	-	
HQT	Substation	Shawinigan-3 (generator substation)	120 -13.8	None	-	
HQT	Substation	Sherbrooke	230 -120	None	-	In the 120 kV section, elements associated with lines L1401 and L1402 are included in the RTP.
HQT	Substation	Stanstead	120	None	-	120 kV transformers are not included in the RTP.
HQT	Substation	Tilly	735 - 315	735 - 315	-	
HQT	Substation	Toulnustouc (generator substation)	315 - 13.8	None	-	
HQT	Substation	Trenche (generator substation)	230 - 13.8	None	-	
HQT	Substation	Trois-Rivières	230	None	-	
HQT	Substation	Vignan	315	None	-	120 kV capacitors (XC) are included in the RTP.
HQT	Substation	Wyman	120	None	-	120 kV transformers are not included in the RTP.
HQT/RTA	Line	L1640*‡	161	161	N	This line is in co-ownership, but it is operated by HQT.
HQT/RTA	Line	L1641*‡	161	161	N	This line is in co-ownership, but it is operated by HQT.
RTA	Line	L61	None	None	Y	
RTA	Line	L62	None	None	Y	
RTA	Line	L65	161	None	N	
RTA	Line	L66	161	None	N	
RTA	Line	LT36	161	None	N	

Entity	Type	Name	RTP Applicable Voltage Levels (kV)	Bulk Applicable Voltage Levels (kV)	Line operated at 200 kV or more?	Specificities
RTA	Line	LT38 (LT37)	161	None	N	
RTA	Substation	Delisle	345	None	-	Only the L3095 line feeder is included in the RTP.
RTA	Substation	Du Portage	161	None	-	Only the disconnectors 2321, 2421, 2322, 2422, 2323 and 2423 are not included in the RTP.
RTA	Substation	Isle-Maligne 161 kV	161	None	-	Only line feeders LT36 and LT38 (LT37) are included in the RTP.
RTA	Substation	Isle-Maligne 240 kV	240 - 161	None	-	Only the transformers T36 and T38, the bus B25 and their respective switching devices are included in the RTP.
RTA	Substation	Usine Jonquière	161	None	-	Only line feeders 65 and 66 are included to RTP.
SCHM	Line	L1611	161	None	N	
SCHM	Line	L1612	161	None	N	
SCHM	Substation	McCormick	161 - 13.8*	None	-	Transformers TA1 and TA2 are not included in the RTP

*Newly subjected elements as of decision D-2018-149 are marked with an asterisk. Reliability standards will be applicable to these elements as of July 1, 2020.

† These are newly subjected elements as of decision D-2019-142. Reliability standards will be applicable to these elements as of January 1, 2021.

‡ Decision D-2020-062 suspends the application to these elements.

§ Decision D-2020-052 suspends the application to this element.

APPENDIX C – GENERATING FACILITIES

Entity	Name	Type	Facility classified as RTP?	Installed Capacity (MVA)	Connected to RTP?	At least one unit can be synchronized with a neighboring system?	Generator substation included?	Specificities
AAV	Anse-à-Valleau	Wind	Y	100.5 MW	N	N	N	
BDS	Baie-des-Sables	Wind	Y	109.5 MW	N	N	N	
CAR	Carleton	Wind	Y	109.5 MW	N	N	N	
EER	L'Érable	Wind	Y	100 MW	N	N	N	
ÉLL	High Falls	Hydro	Y	124	N	Y	N	
ÉLL	Masson	Hydro	Y	112	Y	Y	N	
ÉLP	Plateau	Wind	Y	255.8 MW†	Y	N	N	
GM	Gros-Morne	Wind	Y	211.5 MW	N	N	N	
HQP	Beauharnois	Hydro	Y	2,270	Y	Y	N	
HQP	Beaumont	Hydro	Y	300	N	N	N	
HQP	Bécancour	Thermal (TAG)	Y	456.8	Y	N	N	
HQP	Bersimis-1	Hydro	Y	1,240	Y	N	N	
HQP	Bersimis-2	Hydro	Y	915	Y	N	N	
HQP	Brisay	Hydro	Y	494	Y	N	N	
HQP	Bryson	Hydro	Y	70	Y	Y	N	
HQP	Carillon	Hydro	Y	885.5	N	N	N	
HQP	Cèdres	Hydro	Y	150	Y	Y	N	
HQP	Chelsea	Hydro	Y	190	N	Y	N	
HQP	Chute-Allard	Hydro	Y	69	N	N	N	Capacity is limited to 69 MVA under decree #379-2005
HQP	Eastmain-1	Hydro	Y	505	Y	N	N	Capacity is limited to 505 MVA under decree #302-93.
HQP	Eastmain-1-A	Hydro	Y	853	Y	N	N	Capacity is limited to 853 MVA under autorisation certificate #3214-10-17
HQP	Jean-Lesage	Hydro	Y	1,366	Y	N	N	
HQP	La Gabelle	Hydro	Y	175	Y	N	N	
HQP	La Grande-1	Hydro	Y	1,512	Y	N	N	
HQP	La Grande-2-A	Hydro	Y	2,340	Y	N	N	
HQP	La Grande-3	Hydro	Y	2,425	Y	N	N	Capacity is limited to 2,425 MVA

Entity	Name	Type	Facility classified as RTP?	Installed Capacity (MVA)	Connected to RTP?	At least one unit can be synchronized with a neighboring system?	Generator substation included?	Specificities
								under "Convention de la Baie-James et du Nord québécois"
HQP	La Grande-4	Hydro	Y	2,925	Y	N	N	
HQP	La Tuque	Hydro	Y	327	N	N	N	
HQP	Laforge-1	Hydro	Y	924	Y	N	N	
HQP	Laforge-2	Hydro	Y	336	Y	N	N	
HQP	Manic-1	Hydro	Y	205	Y	N	N	
HQP	Manic-5	Hydro	Y	1,680	Y	N	N	
HQP	Manic-5-PA	Hydro	Y	1,120	Y	N	N	
HQP	Mercier	Hydro	Y	58	N	N	N	
HQP	Outardes-2	Hydro	Y	615	Y	N	N	
HQP	Outardes-3	Hydro	Y	1,080	Y	N	N	
HQP	Outardes-4	Hydro	Y	872	Y	N	N	
HQP	Paugan	Hydro	Y	251.5	N	Y	N	
HQP	Péribonka	Hydro	Y	427.8	N	N	N	Capacity is limited to 427.8 MVA under decree #267-2004.
HQP	Première-Chute	Hydro	Y	145	N	Y	N	
HQP	Rapide-2	Hydro	Y	84	N	Y	N	
HQP	Rapide-7	Hydro	Y	84	N	Y	N	
HQP	Rapide-Blanc	Hydro	Y	240	N	N	N	
HQP	Rapide-des-Quinze	Hydro	Y	128.2	N	Y	N	
HQP	Rapides-des-Cœurs	Hydro	Y	84.4	N	N	N	Capacity is limited to 84.4 MVA under decree #379-2005.
HQP	Rapides-des-Îles	Hydro	Y	195.36	N	Y	N	
HQP	Rapides-Farmers	Hydro	Y	127.5	N	Y	N	
HQP	René-Lévesque	Hydro	Y	1,560	Y	N	N	
HQP	Robert-Bourassa	Hydro	Y	5,920	Y	N	N	Capacity is limited to 5,920 MVA under "Convention de la Baie-James et du Nord québécois."
HQP	Rocher-de-	Hydro	Y	255.6	N	N	N	Capacity is

Entity	Name	Type	Facility classified as RTP?	Installed Capacity (MVA)	Connected to RTP?	At least one unit can be synchronized with a neighboring system?	Generator substation included?	Specificities
	Grand-Mère							limited to 255.6 MVA under request of modification to decree #591-2000 dated October 15, 2002.
HQP	Romaine-1	Hydro	Y	300	Y	N	N	Capacity is limited to 300 MVA under decree #537-2009.
HQP	Romaine-2	Hydro	Y	711	Y	N	N	Capacity is limited to 711 MVA under decree #537-2009.
HQP	Romaine-3*	Hydro	Y	1,474	Y	N	N	Capacity is limited to 1,474 MVA under decree #537-2009.
HQP	Sainte-Marguerite-3	Hydro	Y	928.4	Y	N	N	Capacity is limited to 928.4 MVA under decree #297-94.
HQP	Sarcelle	Hydro	Y	166.7	Y	N	N	Capacity is limited to 166.7 MVA under the certificate of authorization #3214-10-17.
HQP	Shawinigan-2	Hydro	Y	243	N	N	N	
HQP	Shawinigan-3	Hydro	Y	228	N	N	N	
HQP	Toulnustouc	Hydro	Y	584	Y	N	N	
HQP	Trenche	Hydro	Y	336	N	N	N	
LA	Lac-Alfred and La Mitis	Wind	Y	324.6 MW	Y	N	N	
MDS	Massif-du-Sud	Wind	Y	150 MW	N	N	N	
MEU	Rivière-Nouvelle (MU)*	Wind	Y	149.3 MW	N	N	N	
MON	Montérégie	Wind	Y	101.2 MW	N	N	N	
MOU	Moulins	Wind	Y	135.7 MW	N	N	N	
MSM	Mont Sainte-Marguerite*	Wind	Y	147.2 MW	N	N	N	
NLP	Mont-Louis	Wind	Y	100.5 MW	N	N	N	

Entity	Name	Type	Facility classified as RTP?	Installed Capacity (MVA)	Connected to RTP?	At least one unit can be synchronized with a neighboring system?	Generator substation included?	Specificities
NLP	St-Ulric/St-Léandre	Wind	Y	127.5 MW	N	N	N	
NRI	Nicolas-Riou*	Éolien	Y	224,4 MW	Y	N	N	
RDM	Rivière-du-Moulin	Wind	Y	350 MW	Y	N	N	
ROT	Mont-Rothery	Wind	Y	75.85 MW	N	N	N	
RTA	Chute-à-Caron	Hydro	Y	180	N	N	N	
RTA	Chute-à-la-Savane	Hydro	Y	300	N	N	N	
RTA	Chute-des-Passes	Hydro	Y	950	N	N	N	
RTA	Chute-du-Diable	Hydro	Y	300	N	N	N	
RTA	Isle-Maligne	Hydro	Y	488	N	N	N	
RTA	Shipshaw	Hydro	Y	1,076	N	N	N	
RTA	Shipshaw 13	Hydro	Y	250	N	N	N	
SCHM	McCormick	Hydro	Y	454	O	N	N	
SDB	Seigneurie-de-Beaupré	Wind	Y	363.2 MW	O	N	N	
SRB	St-Robert-Bellarmin and du Granit	Wind	Y	104.6 MW	N	N	N	
TEM	Témiscouata*	Wind	Y	73.5 MW	N	N	N	
TCQ	TransCanada Energy (Cogénération de Bécancour)	Thermal (co-generation)	Y	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).
VDK	Vents-du-Kempt	Wind	Y	101.05 MW	N	N	N	
VEN	New Richmond‡	Wind	Y	67.8 MW	N	N	N	

* The elements marked with an asterisk became newly subject to standards in decision D-2019-142. Reliability Standards are applicable to these elements as of January 1, 2021.

† The installed capacity was changed in decision D-2019-142. The Reliability Standards are applicable to part 4 of Le Plateau (capacity of 74.8 MW) as of January 1, 2021**.**

‡ The application to this generating facility is suspended by decision D-2020-065.

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.

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 (a branch of 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

NPCC No.	Type	Nature of the Special Protection System
SPS #41/45	I	System separation/Generation rejection
SPS #114	II	Load shedding
SPS #124	I	Generation rejection
SPS #134	I	Generation rejection and load shedding
SPS #151	II	System separation
SPS #160	I	Load shedding
SPS #226	I	Generation rejection

APPENDIX F – LIST OF FACILITIES DESIGNATED UNDER CERTAIN CIP-002-5.1 CRITERIA

In its order D-2017-031, the Régie writes (in French only):

> « *[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.[3] The designation of a Facility under 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 as a result of its designation under one or more Designation Criteria.

[3] No installation is identified by the RC, PC or TP under criterion 2.7, which, in addition, does not currently apply in Québec.

VERSION HISTORY

Decision (Date)	Changes
D-2015-098 (June 23, 2015)	Original version.
D-2015-195 (December 4, 2015)	Deleted PSE and IA functions.
D-2015-213 (December 21, 2015)	Modified Grand-Mère generating facility installed power and generating unit specifications. Added Appendix G – List of facilities for which the Régie suspends the application of the Reliability Standards.
D-2016-109 (July 15, 2016)	Modifications in connection with the appendix of the decision D-2016-109. Addition of the facility “Siemens Canada Limitée” to Appendix G.
D-2017-031 (March 21, 2017)	Modifications following decision D-2017-031: • Removal of all information regarding critical assets from each entity’s page (Appendix A) • Removal of the “Critical Asset” column of Transmission Facilities, Generation Facilities, Telecommunication Facilities and Control Centers (appendices B, C, D and F) • Addition of a new appendix to specify installations designated by the Planning Coordinator, Transmission Planner or Reliability Coordinator further to criteria 2.3, 2.6, 2.7 or 2.9 of Attachment 1 of CIP-002-5.1
D-2018-149 (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”. Moved Appendix H “List of Facilities designated under certain CIP-002-5.1 criteria” to Appendix F. Removal of entities in Appendix A. Removal and modification of substations in Appendix B. Addition, removal and modification of lines in Appendix B.

	Removal and modification of generation facilities in Appendix C. Addition of Appendix D. Modifications to Appendix E. Addition of Appendix G to identify the additions stemming from decision D-2018-149. Removal of information not relevant to the application of Reliability Standards in Québec.
D-2019-142 (November 12, 2019)	2019 statutory update (per decision D-2018-149) System as of April 1, 2019 (with the addition of line 7103) Summary of modifications (in French only) (R-4095-2019, B-0005) Redline to previous version (R-4095-2019, B-0024) Temporary suspension of the application of standards to entity Venterre NRG Inc. and to the New Richmond generation facility
D-2019-150 (November 15, 2019)	Modification of the effective date from January 1, 2020 to July 1, 2020 to certain facilities in appendix B.
D-2020-052 (May 14, 2020)	Temporary suspension of Énergie éolienne Le Plateau S.E.C. (Le Plateau I Wind) as a TO for its substation Plateau.
D-2020-062 (May 28, 2020)	Temporary suspension of the inclusion to the Register of lines in appendix B.
D-2020-065 (Juin 2, 2020)	Temporary suspension from the Register of Venterre NRG Inc. and its generation facility New Richmond.