

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



Reliability Coordinator in Québec

Register of Entities Subject to Reliability Standards

Filed ~~September 27, 2021~~ Month xx, 20xx



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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).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~~-Main transmission-Transmission system-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 rReal Time within its area (i.e., the Québec Interconnection). The rReliability coordinator ~~for~~-in 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.

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.



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- **Generator Owner (GO):** In Québec, the owner of an 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.
- **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~~ Remedial Action Scheme (RAS) classified as Type I or Type II by NPGC
- Owner or operator of ~~under-voltage~~ Undervoltage load ~~Load shedding~~ Shedding programs ~~Program~~
- Owner or operator of under-frequency load shedding programs
- Owner of generation facilities for industrial use

The Registered eEntities 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 Registered eEntities. 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 ~~’s Groupe — TransÉnergie~~ (~~GTE, hereinafter the “Transmission Provider”~~), for all generator substations associated with the RTP generation facilities of Hydro-Québec’s Groupe — Innovation, Production, santé, sécurité et environnement (GIP SSE hereinafter the “Generator”), or
- The Generator Owner of all the generator substations associated with RTP generation facilities not owned by Hydro-Québec ~~Production~~ the Generator

The generator substations for Hydro-Québec ~~Production~~ the Generator’s RTP generation facilities are identified as distinct Transmission facilities belonging to Hydro-Québec ~~TransÉnergie~~ the Transmission Provider in Appendix B. Except for Hydro-Québec, no RTP generation facility’s substation is included in Appendix C for the application of Reliability ~~standards~~ Standards.



APPENDIX A – ENTITIES

| Entity | Acronym | Address | Functions | | | | | | | | | | | The entity owns and/or operates | | | | | | Notes | | |
|--|---------|---|-----------|----|---------|----|---------|--------|----|--------|---------|--------|-----|---------------------------------|------------------------------|--|--|--|--|-------|---|--|
| | | | R C | BA | TO P | TO | GO P | G O | PA | T P | TS P | R P | LSE | DP | Facilities classified as RTP | Facilities classified as Bulk Transmission lines operated at 200 kV or above | Facility/equipment required for system restoration | Remedial Action Scheme RAS ³ | Undervoltage Load Load shedding program (DSF) (owns/operates) | | Undervoltage load 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 | <i>n</i> | 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 | <i>n</i> | N / N | N / N | |

³ In its decision D-2020-118, the Régie ~~de l'énergie~~ adopted a new definition of the term "~~Remedial Action Scheme~~" (RAS) which removes the distinction between ~~SPS-RAS~~ classes I, II and III, as defined by NPCC. As of this decision, certain Type III ~~SPS-RAS~~ as well as ~~Remedial Action Schemes~~RAS that are not categorized by NPCC are subject to the NERC ~~R~~eliability ~~S~~tandards adopted and enforced by the Régie since they are part of the new definition of the term- ~~RAS~~"~~Remedial Action Scheme~~". In particular, standard PRC-012-2, adopted in ~~d~~Decision D-2020-167, stipulates that any TO, GO or DP can own a RAS, and standards PRC-005-6 and PRC-012-2 require owners of these RAS to identify their RAS. It remains, however, the Registered eEntity's responsibility to demonstrate whether or not it owns a RAS. Consequently, the data in this column is presented for information purposes only and is not to be used in determining the applicability of standards or the monitoring of standards. To differentiate this column from the other columns, which are normative, the background color has been altered and the information is in lowercase italics.



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| Entity | Acronym | Address | Functions | | | | | | | | | | | The entity owns and/or operates | | | | | | Notes | | |
|---|---------|--|-----------|----|---------|----|---------|--------|----|--------|---------|--------|-----|---------------------------------|------------------------------|--|--|---|---|-------|--|--|
| | | | R C | BA | TO P | TO | GO P | G O | PA | T P | TS P | R P | LSE | DP | Facilities classified as RTP | Facilities classified as Bulk Transmission lines operated at 200 kV or above | Facility/equipment required for system restoration | Remedial-Action-Scheme-RAS ³ | Undervoltage load-load shedding program (DSF) (owns/operates) | | Underfrequency load shedding program (DSF) (owns/operates) | |
| Innergex Cartier Énergie S.E.C. Carleton wind farm | CAR | 1225 Saint-Charles Ouest, 10e étage, Longueuil, Qc, J4K 0B9 | | | | | GO P | 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 | | | | | GO P | 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 | | | | | GO P | GO | | | | | | | Y | N | N | N | n | N / N | N / N | |
| 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 | | | | | GO P | 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 | | | | | GO P | 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 | | | | | GO P | GO | | | | | | | Y | N | N | N | n | N / N | N / N | |



Reliability Coordinator in Québec

| Entity | Acronym | Address | Functions | | | | | | | | | | | The entity owns and/or operates | | | | | | Notes | | |
|---|---------|--|-----------|----|---------|----|---------|--------|----|--------|---------|--------|-----|---------------------------------|------------------------------|--|--|---|---|-------|--|--|
| | | | R C | BA | TO P | TO | GO P | G O | PA | T P | TS P | R P | LSE | DP | Facilities classified as RTP | Facilities classified as Bulk Transmission lines operated at 200 kV or above | Facility/equipment required for system restoration | Remedial-Action-Scheme-RAS ³ | Undervoltage load-load shedding program (owns/operates) | | Underfrequency load shedding program (DSF) (owns/operates) | |
| 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 | | | | | GO P | 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 | | | | | GO P | 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 | GO P | GO | | | | | | | Y | N | N | N | n | N / N | N / N | Temporary suspension of TO registration for the entity as per decision D-2020-052. |
| Énergie éolienne Vents du Kempt S.E.C. | VDK | 1850, avenue Panama #501, Brossard, QC, J4W 3C6 | | | | | GO P | 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 | GO P | 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 | | | | | GO P | GO | | | | | | | Y | N | N | N | n | N / N | N / N | |



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| Entity | Acronym | Address | Functions | | | | | | | | | | | The entity owns and/or operates | | | | | | Notes | | |
|---|---------------|---|-----------|----|---------|----|----------|---------|---------|---------|----------|--------|-----|---------------------------------|------------------------------|--|--|---|---|-------|--|------------------------------------|
| | | | R C | BA | TO P | TO | GO P | G O | PA | T P | TS P | R P | LSE | DP | Facilities classified as RTP | Facilities classified as Bulk Transmission lines operated at 200 kV or above | Facility/equipment required for system restoration | Remedial-Action-Scheme-RAS ³ | Undervoltage load-load shedding program (owns/operates) | | Underfrequency load shedding program (DSF) (owns/operates) | |
| Hydro-Québec, <u>Coordonateur de la fiabilité (the "Coordinator")</u> ⁴ <u>Contrôle des mouvements d'énergie (a branch of HQT)</u> | HQCMÉ HQCF | Complexe Desjardins C.P. 10000, 19 ^e 13 ^e étage, Montréal, QC, H5B 1H7 | RC | BA | TOP | | | | | | | | | | Y | Y | Y | Y | y | N/N | N/Y | |
| Hydro-Québec, <u>Groupe – Distribution, approvisionnement et services partagés (the "Distributor")</u> Distribution | HQD | 75, boul. René-Lévesque Ouest, 22 ^e 20 ^e étage, Montréal, QC, H2Z 1A4 | | | | TO | -GO P | -G O | -P A | -I P | -TS P | RP | LSE | DP | NY | NY | NY | NY | NY | N/N | N/NY/ Y | Entity owns synchronous condensers |
| Hydro-Québec, <u>GPSSE (the "Generator")</u> Production | HQP | 75, boul. René-Lévesque Ouest, 10 ^e étage, Montréal, QC, H2Z 1A4 | - | - | - | - | GO P | GO | - | - | - | - | - | - | Y | N | N | Y | # | N/N | N/N | - |
| Hydro-Québec, <u>GTE (the "Transmission Provider")</u> TransÉnergie | HQT | Complexe Desjardins, C.P. 10000, 19 ^e étage, Montréal, QC, H5B 4H7 | - | - | - | TO | - | - | PA | TP | TSP | - | - | DP | Y | Y | Y | Y | y | N/N | Y/Y | Entity owns synchronous condensers |

⁴ Per its decision D-2021-064, the Régie designated the Direction Principale – Contrôle des mouvements d'énergie et exploitation des réseaux of Hydro-Québec as the reliability coordinator in Québec.



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| Entity | Acronym | Address | Functions | | | | | | | | | | | | | The entity owns and/or operates | | | | | | Notes | |
|---|---------|--|-----------|----|---------|----|---------|--------|----|--------|---------|--------|-----|----|------------------------------|--|--|---|---|--|-------|-------|--|
| | | | R C | BA | TO P | TO | GO P | G O | PA | T P | TS P | R P | LSE | DP | Facilities classified as RTP | Facilities classified as Bulk Transmission lines operated at 200 kV or above | Facility/equipment required for system restoration | Remedial-Action-Scheme-RAS ³ | Undervoltage load-load shedding program (owns/operates) | Underfrequency load shedding program (DSF) (owns/operates) | | | |
| Kruger Énergie Montérégie S.E.C. | MON | 202, boul. St-Rémi, St-Rémi, QC, J0L 1L0 | | | | | GO P | GO | | | | | | | | Y | N | N | N | n | N / N | N / N | |
| Northland Power Inc. | NLP | 30 St Clair Ave W Toronto, ON, M4V 3A1 | | | | | GO P | GO | | | | | | | | Y | N | N | N | n | N / N | N / N | |
| Parcs éoliens de la Seigneurie de Beauré | SDB | 36 rue Lajeunesse Kingsey Falls, QC, J0A 1B0 | | | | | GO P | GO | | | | | | | | Y | N | N | N | n | N / N | N / N | |
| Parc éolien Mesgîg Ujju's'n S.E.C. | MEU | 2 Riverside West Listuguj, QC, G0C 2R0 | | | | | GO P | 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 | | | | | GO P | GO | | | | | | | | Y | N | N | N | n | N / N | N / N | |
| Parc éolien Nicolas-Riou S.E.C. | NRI | 1010 rue de la Gauchetière Ouest, bureau 2000, Montréal, QC, H3B 2N2 | | | | | GO P | GO | | | | | | | | Y | N | N | N | n | N / N | N / N | |



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| Entity | Acronym | Address | Functions | | | | | | | | | | | | | The entity owns and/or operates | | | | | | Notes |
|---|---------|---|-----------|----|---------|----|---------|--------|----|--------|---------|--------|-----|----|------------------------------|--|--|---|---|--|--|-------|
| | | | R C | BA | TO P | TO | GO P | G O | PA | T P | TS P | R P | LSE | DP | Facilities classified as RTP | Facilities classified as Bulk Transmission lines operated at 200 kV or above | Facility/equipment required for system restoration | Remedial-Action-Scheme-RAS ³ | Undervoltage load-load shedding program (owns/operates) | Underfrequency load shedding program (DSF) (owns/operates) | | |
| Parcs éoliens Témiscouata | TEM | 36 rue Lajeunesse Kingsey Falls, QC, J0A 1B0 | | | | | GO P | 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 | GO P | 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. Lafleche, C.P. 6056 Baie-Comeau, QC, G5C 0B7 | | | | TO | GO P | GO | | | | | DP | Y | N | N | N | n | N / N | N / N | | |
| TransCanada Québec Inc. | TCQ | 7005, boul. Raoul Duchesne Becancour, QC, TG9H 4X6 | | | | | GO P | 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 | | |



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| Entity | Acronym | Address | Functions | | | | | | | | | | | | | The entity owns and/or operates | | | | | Notes | | |
|--|---------|--|-----------|----|---------|----|---------|--------|----|--------|---------|--------|-----|----|------------------------------|--|---|---|--|---|-------|-------|--|
| | | | R C | BA | TO P | TO | GO P | G O | PA | T P | TS P | R P | LSE | DP | Facilities classified as RTP | Facilities classified as Bulk Transmission lines operated at 200 kV or above | Facility/equipment required for system restoration | Remedial Action Scheme RAS ³ | Undervoltage load Load shedding Shedding program Program (DSF) (owns/operates) | Underfrequency load shedding program (DSF) (owns/operates) | | | |
| 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 | |

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 | - | Registration of this Element to the Register is suspended by decision D-2020-052 |
| <u>HQTHQ</u> | Line | A41T | 230 | None | Y | Only the portion in Québec is covered. |
| <u>HQTHQ</u> | Line | A42T | 230 | None | Y | Only the portion in Québec is covered. |
| <u>HQTHQ</u> | Line | B31L | 230 | None | Y | Only the portion in Québec is covered. |
| <u>HQTHQ</u> | Line | B5D | 230 | None | Y | Only the portion in Québec is covered. |
| <u>HQTHQ</u> | Line | D4Z | 120 | None | N | Only the portion in Québec is covered. |
| <u>HQTHQ</u> | Line | H4Z | 120 | None | N | Only the portion in Québec is covered. |
| <u>HQTHQ</u> | Line | L0440 | 450 (DC) | 450 (DC) | Y | |
| <u>HQTHQ</u> | Line | L0451 | 450 (DC) | 450 (DC) | Y | Only the portion in Québec is covered. |
| <u>HQTHQ</u> | Line | L0452 | 450 (DC) | 450 (DC) | Y | Only the portion in Québec is covered. |
| <u>HQTHQ</u> | Line | L0460 | 450 (DC) | 450 (DC) | Y | Only the portion in Québec is covered. |
| <u>HQTHQ</u> | Line | L0470 | 450 (DC) | 450 (DC) | Y | |
| <u>HQTHQ</u> | Line | L1101 | 120 | None | N | |
| <u>HQTHQ</u> | Line | L1104 | 120 | None | N | |
| <u>HQTHQ</u> | Line | L1108 | 120 | None | N | |



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| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------|---------|---|--|---|---|
| HQTHQ | Line | L1110 | 120 | None | N | |
| HQTHQ | Line | L1112 | 120 | None | N | |
| HQTHQ | Line | L1114 | 120 | None | N | |
| HQTHQ | Line | L1123 | 120 | None | N | |
| HQTHQ | Line | L1125 | 120 | None | N | |
| HQTHQ | Line | L1173 | 120 | None | N | |
| HQTHQ | Line | L1201 | 120 | 120 | N | |
| HQTHQ | Line | L1202 | 120 | 120 | N | |
| HQTHQ | Line | L1256 | 120 | 120 | N | |
| HQTHQ | Line | L1257 | 120 | 120 | N | |
| HQTHQ | Line | L1260 | 120 | 120 | N | |
| HQTHQ | Line | L1261 | 120 | 120 | N | |
| HQTHQ | Line | L1291 | 120 | 120 | N | |
| HQTHQ | Line | L1291-1 | 120 | 120 | N | Registration to the Register effective August 27, 2021 |
| HQTHQ | Line | L1292 | 120 | 120 | N | |
| HQTHQ | Line | L1292-1 | 120 | 120 | N | Registration to the Register effective August 27, 2021 |
| HQTHQ | Line | L1332 | 120 | None | N | |
| HQTHQ | Line | L1333 | 120 | None | N | |
| HQTHQ | Line | L1362 | 120 | 120 | N | |
| HQTHQ | Line | L1363 | 120 | 120 | N | |
| HQTHQ | Line | L1376 | 120 | None | N | |
| HQTHQ | Line | L1398 | 120 | 120 | N | |
| HQTHQ | Line | L1399 | 120 | 120 | N | |
| HQTHQ | Line | L1400 | 120 | None | N | Only the portion in Québec is covered. |
| HQTHQ | Line | L1401 | 120 | None | N | |
| HQTHQ | Line | L1402 | 120 | None | N | |
| HQTHQ | Line | L1424 | 120 | None | N | |
| HQTHQ | Line | L1425 | 120 | None | N | |
| HQTHQ | Line | L1426 | 120 | None | N | |
| HQTHQ | Line | L1427 | 120 | None | N | |
| HQTHQ | Line | L1428 | 120 | None | N | |
| HQTHQ | Line | L1429 | 120 | None | N | Only the portion in Québec is covered. |



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| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------|-------|---|--|---|--|
| HQTHQ | Line | L1437 | 120 | 120 | N | |
| HQTHQ | Line | L1438 | 120 | 120 | N | |
| HQTHQ | Line | L1439 | 120 | 120 | N | |
| HQTHQ | Line | L1470 | 120 | None | N | |
| HQTHQ | Line | L1472 | 120 | 120 | N | |
| HQTHQ | Line | L1540 | 120 | None | N | |
| HQTHQ | Line | L1541 | 120 | None | N | |
| HQTHQ | Line | L1614 | 161 | None | N | |
| HQTHQ | Line | L1644 | 161 | 161 | N | |
| HQTHQ | Line | L1645 | 161 | 161 | N | |
| HQTHQ | Line | L2101 | 230 | None | Y | Only the portion in Québec is covered. |
| HQTHQ | Line | L2102 | 230 | None | Y | Only the portion in Québec is covered. |
| HQTHQ | Line | L2304 | None | None | Y | |
| HQTHQ | Line | L2305 | None | None | Y | |
| HQTHQ | Line | L2306 | 230 | 230 | Y | |
| HQTHQ | Line | L2307 | 230 | 230 | Y | |
| HQTHQ | Line | L2308 | 230 | 230 | Y | |
| HQTHQ | Line | L2310 | 230 | 230 | Y | |
| HQTHQ | Line | L2313 | 230 | None | Y | |
| HQTHQ | Line | L2314 | 230 | None | Y | |
| HQTHQ | Line | L2317 | None | None | Y | |
| HQTHQ | Line | L2318 | None | None | Y | |
| HQTHQ | Line | L2319 | 230 | 230 | Y | |
| HQTHQ | Line | L2320 | None | None | Y | |
| HQTHQ | Line | L2324 | 230 | 230 | Y | |
| HQTHQ | Line | L2325 | 230 | None | Y | |
| HQTHQ | Line | L2326 | None | None | Y | |
| HQTHQ | Line | L2330 | None | None | Y | |
| HQTHQ | Line | L2331 | None | None | Y | |
| HQTHQ | Line | L2334 | None | None | Y | |
| HQTHQ | Line | L2340 | None | None | Y | |
| HQTHQ | Line | L2341 | None | None | Y | |
| HQTHQ | Line | L2342 | None | None | Y | |
| HQTHQ | Line | L2343 | None | None | Y | |
| HQTHQ | Line | L2344 | None | None | Y | |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------|-------|---|--|---|---------------|
| HQTHQ | Line | L2345 | None | None | Y | |
| HQTHQ | Line | L2346 | 230 | None | Y | |
| HQTHQ | Line | L2349 | None | None | Y | |
| HQTHQ | Line | L2350 | None | None | Y | |
| HQTHQ | Line | L2351 | None | None | Y | |
| HQTHQ | Line | L2352 | None | None | Y | |
| HQTHQ | Line | L2354 | None | None | Y | |
| HQTHQ | Line | L2355 | None | None | Y | |
| HQTHQ | Line | L2356 | 230 | None | Y | |
| HQTHQ | Line | L2357 | None | None | Y | |
| HQTHQ | Line | L2358 | None | None | Y | |
| HQTHQ | Line | L2365 | None | None | Y | |
| HQTHQ | Line | L2367 | None | None | Y | |
| HQTHQ | Line | L2370 | None | None | Y | |
| HQTHQ | Line | L2371 | None | None | Y | |
| HQTHQ | Line | L2372 | 230 | None | Y | |
| HQTHQ | Line | L2373 | None | None | Y | |
| HQTHQ | Line | L2374 | None | None | Y | |
| HQTHQ | Line | L2378 | None | None | Y | |
| HQTHQ | Line | L2379 | 230 | None | Y | |
| HQTHQ | Line | L2380 | None | None | Y | |
| HQTHQ | Line | L2381 | 230 | 230 | Y | |
| HQTHQ | Line | L2382 | 230 | 230 | Y | |
| HQTHQ | Line | L2383 | 230 | 230 | Y | |
| HQTHQ | Line | L2384 | None | None | Y | |
| HQTHQ | Line | L2385 | 230 | None | Y | |
| HQTHQ | Line | L2386 | 230 | None | Y | |
| HQTHQ | Line | L2387 | None | None | Y | |
| HQTHQ | Line | L2388 | None | None | Y | |
| HQTHQ | Line | L2389 | None | None | Y | |
| HQTHQ | Line | L2392 | None | None | Y | |
| HQTHQ | Line | L2393 | None | None | Y | |
| HQTHQ | Line | L2396 | None | None | Y | |
| HQTHQ | Line | L2397 | None | None | Y | |
| HQTHQ | Line | L2398 | None | None | Y | |
| HQTHQ | Line | L2401 | None | None | Y | |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------|-------|---|--|---|---------------|
| HQTHQ | Line | L2402 | None | None | Y | |
| HQTHQ | Line | L2404 | None | None | Y | |
| HQTHQ | Line | L2405 | None | None | Y | |
| HQTHQ | Line | L2406 | 230 | 230 | Y | |
| HQTHQ | Line | L2407 | None | None | Y | |
| HQTHQ | Line | L2408 | None | None | Y | |
| HQTHQ | Line | L2409 | None | None | Y | |
| HQTHQ | Line | L3001 | 315 | 315 | Y | |
| HQTHQ | Line | L3002 | 315 | 315 | Y | |
| HQTHQ | Line | L3003 | 315 | 315 | Y | |
| HQTHQ | Line | L3004 | 315 | 315 | Y | |
| HQTHQ | Line | L3005 | 315 | None | Y | |
| HQTHQ | Line | L3007 | 315 | 315 | Y | |
| HQTHQ | Line | L3008 | 315 | 315 | Y | |
| HQTHQ | Line | L3009 | 315 | None | Y | |
| HQTHQ | Line | L3010 | 315 | 315 | Y | |
| HQTHQ | Line | L3011 | 315 | None | Y | |
| HQTHQ | Line | L3012 | 315 | None | Y | |
| HQTHQ | Line | L3013 | 315 | 315 | Y | |
| HQTHQ | Line | L3014 | 315 | 315 | Y | |
| HQTHQ | Line | L3015 | 315 | None | Y | |
| HQTHQ | Line | L3020 | 315 | None | Y | |
| HQTHQ | Line | L3021 | 315 | 315 | Y | |
| HQTHQ | Line | L3022 | 315 | 315 | Y | |
| HQTHQ | Line | L3023 | 315 | 315 | Y | |
| HQTHQ | Line | L3024 | 315 | 315 | Y | |
| HQTHQ | Line | L3026 | 315 | None | Y | |
| HQTHQ | Line | L3027 | 315 | 315 | Y | |
| HQTHQ | Line | L3028 | 315 | 315 | Y | |
| HQTHQ | Line | L3029 | 315 | 315 | Y | |
| HQTHQ | Line | L3030 | 315 | 315 | Y | |
| HQTHQ | Line | L3031 | 315 | 315 | Y | |
| HQTHQ | Line | L3032 | 315 | 315 | Y | |
| HQTHQ | Line | L3033 | 315 | 315 | Y | |
| HQTHQ | Line | L3034 | 315 | 315 | Y | |
| HQTHQ | Line | L3035 | 315 | 315 | Y | |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------|-------|---|--|---|---------------|
| HQTHQ | Line | L3036 | 315 | 315 | Y | |
| HQTHQ | Line | L3040 | 315 | 315 | Y | |
| HQTHQ | Line | L3041 | 315 | None | Y | |
| HQTHQ | Line | L3042 | None | None | Y | |
| HQTHQ | Line | L3043 | None | None | Y | |
| HQTHQ | Line | L3049 | 315 | 315 | Y | |
| HQTHQ | Line | L3052 | 315 | 315 | Y | |
| HQTHQ | Line | L3053 | 315 | 315 | Y | |
| HQTHQ | Line | L3054 | 315 | 315 | Y | |
| HQTHQ | Line | L3055 | 315 | 315 | Y | |
| HQTHQ | Line | L3056 | 315 | 315 | Y | |
| HQTHQ | Line | L3057 | 315 | 315 | Y | |
| HQTHQ | Line | L3062 | 315 | 315 | Y | |
| HQTHQ | Line | L3063 | 315 | 315 | Y | |
| HQTHQ | Line | L3067 | 315 | 315 | Y | |
| HQTHQ | Line | L3069 | 315 | 315 | Y | |
| HQTHQ | Line | L3070 | 315 | 315 | Y | |
| HQTHQ | Line | L3071 | 315 | 315 | Y | |
| HQTHQ | Line | L3072 | None | None | Y | |
| HQTHQ | Line | L3073 | None | None | Y | |
| HQTHQ | Line | L3074 | None | None | Y | |
| HQTHQ | Line | L3075 | None | None | Y | |
| HQTHQ | Line | L3076 | None | None | Y | |
| HQTHQ | Line | L3078 | 315 | 315 | Y | |
| HQTHQ | Line | L3079 | 315 | 315 | Y | |
| HQTHQ | Line | L3080 | 315 | 315 | Y | |
| HQTHQ | Line | L3081 | 315 | 315 | Y | |
| HQTHQ | Line | L3082 | 315 | None | Y | |
| HQTHQ | Line | L3083 | 315 | None | Y | |
| HQTHQ | Line | L3084 | 315 | None | Y | |
| HQTHQ | Line | L3085 | 315 | None | Y | |
| HQTHQ | Line | L3086 | 315 | 315 | Y | |
| HQTHQ | Line | L3087 | 315 | 315 | Y | |
| HQTHQ | Line | L3088 | None | None | Y | |
| HQTHQ | Line | L3089 | 315 | None | Y | |
| HQTHQ | Line | L3090 | 315 | None | Y | |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------|-------|---|--|---|--|
| HQTHQ | Line | L3091 | 315 | 315 | Y | |
| HQTHQ | Line | L3092 | 315 | 315 | Y | |
| HQTHQ | Line | L3093 | 315 | 315 | Y | |
| HQTHQ | Line | L3094 | 315 | 315 | Y | |
| HQTHQ | Line | L3095 | 345 | 345 | Y | |
| HQTHQ | Line | L3100 | 315 | 315 | Y | |
| HQTHQ | Line | L3101 | 315 | None | Y | |
| HQTHQ | Line | L3102 | 315 | None | Y | |
| HQTHQ | Line | L3104 | 315 | 315 | Y | |
| HQTHQ | Line | L3105 | 315 | 315 | Y | |
| HQTHQ | Line | L3106 | 315 | 315 | Y | |
| HQTHQ | Line | L3107 | 315 | None | Y | |
| HQTHQ | Line | L3108 | None | None | Y | |
| HQTHQ | Line | L3109 | None | None | Y | |
| HQTHQ | Line | L3110 | 315 | 315 | Y | |
| HQTHQ | Line | L3113 | 315 | None | Y | Only the portion in Québec is covered. |
| HQTHQ | Line | L3114 | 345 | None | Y | Only the portion in Québec is covered. |
| HQTHQ | Line | L3115 | 315 | 315 | Y | |
| HQTHQ | Line | L3116 | 315 | 315 | Y | |
| HQTHQ | Line | L3117 | 315 | None | Y | |
| HQTHQ | Line | L3118 | 315 | None | Y | |
| HQTHQ | Line | L3121 | 315 | 315 | Y | |
| HQTHQ | Line | L3122 | 315 | 315 | Y | |
| HQTHQ | Line | L3123 | 315 | 315 | Y | |
| HQTHQ | Line | L3127 | 315 | None | Y | |
| HQTHQ | Line | L3129 | 315 | 315 | Y | |
| HQTHQ | Line | L3130 | 315 | None | Y | |
| HQTHQ | Line | L3131 | 315 | None | Y | |
| HQTHQ | Line | L3133 | 315 | None | Y | |
| HQTHQ | Line | L3145 | None | None | Y | |
| HQTHQ | Line | L3150 | 315 | 315 | Y | |
| HQTHQ | Line | L3151 | 315 | 315 | Y | |
| HQTHQ | Line | L3152 | 315 | 315 | Y | |
| HQTHQ | Line | L3153 | 315 | 315 | Y | |
| HQTHQ | Line | L3154 | None | None | Y | |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------|-------|---|--|---|---|
| HQTHQ | Line | L3155 | None | None | Y | |
| HQTHQ | Line | L3162 | 315 | 315 | Y | |
| HQTHQ | Line | L3163 | 315 | 315 | Y | |
| HQTHQ | Line | L3166 | 315 | None | Y | |
| HQTHQ | Line | L3167 | 315 | None | Y | |
| HQTHQ | Line | L3168 | 315 | None | Y | |
| HQTHQ | Line | L3169 | 315 | None | Y | |
| HQTHQ | Line | L3170 | 315 | None | Y | |
| HQTHQ | Line | L3171 | 315 | None | Y | |
| HQTHQ | Line | L3172 | 315 | 315 | Y | |
| HQTHQ | Line | L3173 | 315 | 315 | Y | |
| HQTHQ | Line | L3176 | 315 | 315 | Y | |
| HQTHQ | Line | L3177 | 315 | 315 | Y | |
| HQTHQ | Line | L3186 | 315 | 315 | Y | |
| HQTHQ | Line | L3187 | 315 | None | Y | |
| HQTHQ | Line | L3188 | 315 | None | Y | |
| HQTHQ | Line | L3189 | 315 | None | Y | |
| HQTHQ | Line | L3190 | 315 | None | Y | |
| HQTHQ | Line | L3191 | 315 | None | Y | |
| HQTHQ | Line | L3192 | 315 | 315 | Y | |
| HQTHQ | Line | L3198 | None | None | Y | |
| HQTHQ | Line | L3199 | None | None | Y | |
| HQTHQ | Line | L3209 | 315 | None | Y | |
| HQTHQ | Line | L3210 | None | None | Y | Registration to the Register effective August 27, 2021 |
| HQTHQ | Line | L3211 | None | None | Y | Registration to the Register effective August 27, 2021 |
| HQTHQ | Line | L4003 | 450 (DC) | 450 (DC) | Y | |
| HQTHQ | Line | L4004 | 450 (DC) | 450 (DC) | Y | |
| HQTHQ | Line | L4005 | 450 (DC) | None | Y | |
| HQTHQ | Line | L4006 | 450 (DC) | None | Y | |
| HQTHQ | Line | L4007 | 450 (DC) | 450 (DC) | Y | |
| HQTHQ | Line | L4008 | 450 (DC) | 450 (DC) | Y | |
| HQTHQ | Line | L4009 | 450 (DC) | 450 (DC) | Y | |
| HQTHQ | Line | L4010 | 450 (DC) | 450 (DC) | Y | |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------|-------|---|--|---|--|
| HQTHQ | Line | L7002 | 735 | 735 | Y | |
| HQTHQ | Line | L7004 | 735 | 735 | Y | |
| HQTHQ | Line | L7005 | 735 | 735 | Y | |
| HQTHQ | Line | L7006 | 735 | 735 | Y | |
| HQTHQ | Line | L7007 | 735 | 735 | Y | |
| HQTHQ | Line | L7008 | 735 | 735 | Y | |
| HQTHQ | Line | L7009 | 735 | 735 | Y | |
| HQTHQ | Line | L7010 | 735 | 735 | Y | |
| HQTHQ | Line | L7011 | 735 | 735 | Y | |
| HQTHQ | Line | L7014 | 735 | 735 | Y | |
| HQTHQ | Line | L7016 | 735 | 735 | Y | |
| HQTHQ | Line | L7017 | 735 | 735 | Y | |
| HQTHQ | Line | L7018 | 735 | 735 | Y | |
| HQTHQ | Line | L7019 | 735 | 735 | Y | |
| HQTHQ | Line | L7020 | 735 | 735 | Y | |
| HQTHQ | Line | L7023 | 735 | 735 | Y | |
| HQTHQ | Line | L7024 | 735 | 735 | Y | |
| HQTHQ | Line | L7025 | 735 | 735 | Y | |
| HQTHQ | Line | L7026 | 735 | 735 | Y | |
| HQTHQ | Line | L7027 | 735 | 735 | Y | |
| HQTHQ | Line | L7028 | 735 | 735 | Y | |
| HQTHQ | Line | L7029 | 735 | 735 | Y | |
| HQTHQ | Line | L7031 | 735 | 735 | Y | |
| HQTHQ | Line | L7032 | 735 | 735 | Y | |
| HQTHQ | Line | L7033 | 735 | 735 | Y | |
| HQTHQ | Line | L7034 | 735 | 735 | Y | |
| HQTHQ | Line | L7035 | 735 | 735 | Y | |
| HQTHQ | Line | L7036 | 735 | 735 | Y | |
| HQTHQ | Line | L7038 | 735 | 735 | Y | |
| HQTHQ | Line | L7040 | 765 | 765 | Y | Only the portion in Québec is covered. |
| HQTHQ | Line | L7042 | 735 | 735 | Y | |
| HQTHQ | Line | L7044 | 735 | 735 | Y | |
| HQTHQ | Line | L7045 | 735 | 735 | Y | |
| HQTHQ | Line | L7046 | 735 | 735 | Y | |
| HQTHQ | Line | L7047 | 735 | 735 | Y | |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------|-------|---|--|---|--|
| HQTHQ | Line | L7048 | 735 | 735 | Y | |
| HQTHQ | Line | L7049 | 735 | 735 | Y | |
| HQTHQ | Line | L7051 | 735 | 735 | Y | Only the portion in Québec is covered. |
| HQTHQ | Line | L7052 | 735 | 735 | Y | Only the portion in Québec is covered. |
| HQTHQ | Line | L7053 | 735 | 735 | Y | Only the portion in Québec is covered. |
| HQTHQ | Line | L7054 | 735 | 735 | Y | |
| HQTHQ | Line | L7055 | 735 | 735 | Y | |
| HQTHQ | Line | L7056 | 735 | 735 | Y | |
| HQTHQ | Line | L7057 | 735 | 735 | Y | |
| HQTHQ | Line | L7059 | 735 | 735 | Y | |
| HQTHQ | Line | L7060 | 735 | 735 | Y | Sakami-1 blocking capacitor is included in the RTP. |
| HQTHQ | Line | L7061 | 735 | 735 | Y | Opinaca-1 blocking capacitor is included in the RTP. |
| HQTHQ | Line | L7062 | 735 | 735 | Y | Opinaca-2 blocking capacitor is included in the RTP. |
| HQTHQ | Line | L7063 | 735 | 735 | Y | Opinaca-3 blocking capacitor is included in the RTP. |
| HQTHQ | Line | L7066 | 735 | 735 | Y | |
| HQTHQ | Line | L7067 | 735 | 735 | Y | |
| HQTHQ | Line | L7068 | 735 | 735 | Y | |
| HQTHQ | Line | L7069 | 735 | 735 | Y | |
| HQTHQ | Line | L7070 | 735 | 735 | Y | |
| HQTHQ | Line | L7071 | 735 | 735 | Y | |
| HQTHQ | Line | L7072 | 735 | 735 | Y | |
| HQTHQ | Line | L7073 | 735 | 735 | Y | |
| HQTHQ | Line | L7076 | 735 | 735 | Y | |
| HQTHQ | Line | L7077 | 735 | 735 | Y | |
| HQTHQ | Line | L7078 | 735 | 735 | Y | |
| HQTHQ | Line | L7079 | 735 | 735 | Y | |
| HQTHQ | Line | L7080 | 735 | 735 | Y | |
| HQTHQ | Line | L7081 | 735 | 735 | Y | |
| HQTHQ | Line | L7082 | 735 | 735 | Y | |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------------|------------------------------------|---|--|---|---|
| HQTHQ | Line | L7084 | 735 | 735 | Y | |
| HQTHQ | Line | L7085 | 735 | 735 | Y | |
| HQTHQ | Line | L7086 | 735 | 735 | Y | |
| HQTHQ | Line | L7088 | 735 | 735 | Y | |
| HQTHQ | Line | L7089 | 735 | 735 | Y | |
| HQTHQ | Line | L7090 | 735 | 735 | Y | |
| HQTHQ | Line | L7092 | 735 | 735 | Y | |
| HQTHQ | Line | L7093 | 735 | 735 | Y | |
| HQTHQ | Line | L7094 | 735 | 735 | Y | |
| HQTHQ | Line | L7095 | 735 | 735 | Y | |
| HQTHQ | Line | L7096 | 735 | 735 | Y | |
| HQTHQ | Line | L7097 | 735 | 735 | Y | |
| HQTHQ | Line | L7100 | 735 | 735 | Y | |
| HQTHQ | Line | L7101 | 735 | 735 | Y | |
| HQTHQ | Line | L7102 | 735 | 735 | Y | |
| HQTHQ | Line | L7103 | 735 | 735 | Y | |
| HQTHQ | Line | L7108 | 735 | 735 | Y | |
| HQTHQ | Line | P33C | 230 | None | Y | Only the portion in Québec is covered. |
| HQTHQ | Line | Q4C | 230 | None | Y | Only the portion in Québec is covered. |
| HQTHQ | Line | X2Y | 120 | None | N | Only the portion in Québec is covered. |
| HQTHQ | Substation | Abitibi | 735 - 315 - 16 | 735 - 315 | - | |
| HQTHQ | Substation | Alain-Grandbois | 315 | None | - | 315 kV transformers are not included in the RTP. |
| HQTHQ | 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. |
| HQTHQ | Substation | Appalaches | 735 - 230 | 735 - 230 | - | |
| HQTHQ | Substation | Arnaud | 735 - 315 - 161 | 735 - 315 - 161 | - | |
| HQTHQ | Substation | Beauharnois (generator substation) | 120 - 12 | 120 | - | |
| HQTHQ | Substation | Beauharnois 230 kV | 230 - 120 | None | - | |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------------|---|---|--|---|--|
| HQTHQ | Substation | Beaumont (generator substation) | 230 - 13.8 | None | - | |
| HQTHQ | Substation | Beaupré | 315 | None | - | 315 kV transformers are not included in the RTP. |
| HQTHQ | Substation | Bécancour | 230 | None | - | 230 kV transformers are not included in the RTP. 120 and 230 kV capacitors (XC) are included in the RTP. |
| HQTHQ | Substation | Bécancour (generator substation) | 230 - 13.8 | None | - | |
| HQTHQ | Substation | Bedford | 120 | None | - | 120 kV transformers are not included in the RTP. 25 kV capacitors (XC) are included in the RTP. |
| HQTHQ | Substation | Bergeronnes | 735 | None | - | |
| HQTHQ | Substation | Bersimis-1 (generator substation) | 315 - 13.8 | None | - | |
| HQTHQ | Substation | Bersimis-2 (generator substation) | 315 - 13.8 | None | - | |
| HQTHQ | Substation | Blainville | 315 | None | - | 315 kV transformers are not included in the RTP. |
| HQTHQ | Substation | Boucherville | 735 - 315 - 230 | 735 - 315 - 230 | - | |
| HQTHQ | Substation | Bout-de-l'Île | 735 - 315 - 25 | 735 - 315 | - | Among 25 kV elements Elements, only the compensators (CLC) and associated elements Elements are included. The 120 kV capacitors (XC) are also included in the RTP. |
| HQTHQ | Substation | Brisay (generator substation) | 315 - 13.8 | None | - | |
| HQTHQ | Substation | Bryson (generator substation) | 120 - 6.6 | None | - | |
| HQTHQ | Substation | Cadioux | 120 | None | - | 120 kV transformers are not included in the RTP. |
| HQTHQ | Substation | Cantons | 735 - 230 - 450 (DC) | 735 - 230 | - | |
| HQTHQ | Substation | Cantons (230-120 kV) | 230 | 230 | - | 120 kV capacitors (XC) are included in the RTP. |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------------|-------------------------------------|--|-------------------------------------|----------------------------------|---|
| HQTHQ | Substation | Carignan | 735 - 230 | 735 - 230 | - | |
| HQTHQ | Substation | Carillon (generator substation) | 120 – 13.8 | None | - | |
| HQTHQ | Substation | Cèdres (generator substation) | 120 – 6.6 | None | - | |
| HQTHQ | Substation | Chamouchouane | 735 - 16 | 735 | - | |
| HQTHQ | Substation | Charlesbourg | 230 | None | - | Only RTP feeder lines are included in the RTP. |
| HQTHQ | Substation | Charlevoix | 315 | None | - | 315 kV transformers are not included in the RTP. |
| HQTHQ | Substation | Châteauguay | 765 - 735 - 315 - 120 – 13.7 - 60 (DC) | 765 - 735 - 315 - 120 | - | |
| HQTHQ | Substation | Chelsea (generator substation) | 120 - 6.6 | None | - | |
| HQTHQ | Substation | Chénier | 735 - 315 - 23 | 735 - 315 | - | |
| HQTHQ | Substation | Chibougamau | 735 - 16 | 735 | - | |
| HQTHQ | Substation | Chissibi | 735 | 735 | - | |
| HQTHQ | Substation | Chomedey | 315 | None | - | 315 kV transformers are not included in the RTP. 120 kV capacitors (XC) are included in the RTP. |
| HQTHQ | 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. |
| HQTHQ | Substation | Coaticook | 120 | None | - | 120 kV transformers are not included in the RTP. |
| HQTHQ | Substation | Deschambault | 315 | None | - | |
| HQTHQ | Substation | Duchesnay | 315 | None | - | Registration to the Register effective August 27, 2024 |
| HQTHQ | Substation | Duvernay | 735 - 315 - 16 | 735 - 315 | - | 120 kV capacitors (XC) are included in the RTP. |
| HQTHQ | 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. |
| HQTHQ | Substation | Eastmain-1-A (generator substation) | 315 - 12 | None | - | |
| HQTHQ | Substation | Électrode-des-Cantons | 450 (DC) | None | - | |
| HQTHQ | Substation | Électrode-Duncan | 450 (DC) | None | - | |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------------|--|------------------------------------|-------------------------------------|----------------------------------|---|
| HQTHQ | Substation | Farnham | 120 | None | - | 120 kV transformers are not included in the RTP. 25 kV capacitors (XC) are included in the RTP. |
| HQTHQ | Substation | Francheville | 230 | None | - | 230 kV transformers are not included in the RTP. |
| HQTHQ | Substation | Gentilly-2 | 230 | None | - | 230 kV transformers are not included in the RTP. |
| HQTHQ | Substation | Grand-Brûlé | 735 | 735 | - | 120 kV capacitors (XC) are included in the RTP. |
| HQTHQ | Substation | Grondines | 450 DC | None | - | |
| HQTHQ | Substation | Hauterive | 315 - 161 | None | - | T4 and T10 transformers are not included in the RTP. |
| HQTHQ | Substation | Hertel | 735 - 315 | 735 - 315 | - | |
| HQTHQ | Substation | Iberville | 120 | None | - | 120 kV transformers are not included in the RTP. |
| HQTHQ | Substation | Interconnexion-Maclaren | 120 | None | - | |
| HQTHQ | Substation | Jacques-Cartier | 735 - 315 | 735 - 315 | - | |
| HQTHQ | Substation | Judith-Jasmin | 735 | 735 | - | |
| HQTHQ | Substation | Kamouraska | 315 | None | - | |
| HQTHQ | Substation | Kipawa | 120 | None | - | 120 kV transformers, and capacitors XC11 and XC12 are not included in the RTP. |
| HQTHQ | Substation | La Gabelle (generator substation) | 230 - 6.6 | None | - | |
| HQTHQ | Substation | La Grande-1 (generator substation) | 315 - 12 | None | - | 12/120 and 12/25 kV step-up transformers are not included in the RTP. |
| HQTHQ | 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. |
| HQTHQ | Substation | La Grande-2-A (generator substation) | 315 - 13.8 | 315 | - | |
| HQTHQ | Substation | La Grande-3 (generator substation) | 735 - 13.8 | 735 | - | 13.8/25 kV step-up transformers are not included in the RTP. |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------------|--|---|--|---|--|
| HQTHQ | Substation | La Grande-4 (generator substation) | 735 - 13.8 | 735 | - | 13.8/25 kV step-up transformers are not included in the RTP. |
| HQTHQ | Substation | La Prairie | 315 | None | - | 315 kV transformers are not included in the RTP. 120 kV capacitors (XC) are included in the RTP. |
| HQTHQ | Substation | La Tuque (generator substation) | 230 - 13.8/11 | None | - | |
| HQTHQ | Substation | La Vérendrye | 735 - 16 | 735 | - | |
| HQTHQ | Substation | Lac-des-Îles | 120 | None | - | 120 kV transformers are not included in the RTP. |
| HQTHQ | Substation | Laforge-1 (generator substation) | 315 - 13.8 | None | - | 13.8/25 kV step-up transformers are not included in the RTP. |
| HQTHQ | Substation | Laforge-2 (generator substation) | 315 - 13.8 | None | - | 13.8/25 kV step-up transformers are not included in the RTP. |
| HQTHQ | Substation | Lanaudière | 315 | None | - | 315 kV transformers are not included in the RTP. 120 kV capacitors (XC) are included in the RTP. |
| HQTHQ | Substation | Langlois | 730 V - 17 - 315 - 120 | None | - | |
| HQTHQ | Substation | Laurentides | 735 - 315 - 230 - 39 | 735 - 315 - 230 | - | |
| HQTHQ | Substation | Le Moynes | 735 | 735 | - | |
| HQTHQ | Substation | Lefrançois | 315 | None | - | 315 kV transformers are not included in the RTP. |
| HQTHQ | Substation | Leneuf | 315 | None | - | 315 kV transformers are not included in the RTP. |
| HQTHQ | Substation | Léry | 315 - 120 | None | - | 120 kV capacitors (XC) are included in the RTP. 120 kV reactors (XL) are not included in the RTP. |
| HQTHQ | Substation | Les Basques | 315 | None | - | 315 kV transformers are not included in the RTP. |
| HQTHQ | Substation | Lévis | 735 - 315 - 230 - 16 | 735 - 315 - 230 | - | |
| HQTHQ | Substation | Lévis 230-25 kV | 230 | 230 | - | |
| HQTHQ | Substation | Lévis Déglaceur | 315 - 43 - 20 | 315 | - | |
| HQTHQ | Substation | Lorrainville | 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 |
|-----------------------|------------|--|---|--|---|---|
| HQTHQ | Substation | Lotbinière | 450 (DC) | None | - | |
| HQTHQ | Substation | Madawaska | 345 - 315 - 131 (DC) | None | - | |
| HQTHQ | Substation | Manic-1 (generator substation) | 161 - 13.8 | None | - | |
| HQTHQ | Substation | Manic-2 (generator substation of Jean- Lesage generating station) | 315 - 13.8 | None | - | |
| HQTHQ | Substation | Manic-3 (generator substation of René- Lévesque generating station) | 315 - 13.8 | None | - | |
| HQTHQ | Substation | Manic-5 (generator substation) | 315 - 13.8 | None | - | |
| HQTHQ | Substation | Manic-5-PA (generator substation) | 315 - 13.8 | None | - | |
| HQTHQ | Substation | Manicouagan | 735 - 315 - 16 | 735 - 315 | - | |
| HQTHQ | 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. |
| HQTHQ | Substation | Mauricie | 315 - 230 | None | - | The 230 kV capacitor (XC) is included in the RTP. |
| HQTHQ | Substation | Mercier (generator substation) | 69 - 13.8 | None | - | |
| HQTHQ | Substation | Micoua | 735 - 315 | 735 - 315 | - | |
| HQTHQ | Substation | Montagnais | 735 - 315 | 735 - 315 | - | |
| HQTHQ | Substation | Montérégie | 735 - 120 | 735 - 120 | - | |
| HQTHQ | Substation | Murailles (generator substation of Romaine-2 generating station) | 315 - 18 | None | - | |
| HQTHQ | 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 <u>L</u> oad. |
| HQTHQ | Substation | Nicolet | 735 - 230 | 735 - 230 | - | |
| HQTHQ | Substation | Nicolet c.c. | 450 (DC) - 230 | 450 (DC) - 230 | - | |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------------|---------------------------------------|------------------------------------|-------------------------------------|----------------------------------|--|
| HQTHQ | Substation | Nikamo | 315 | None | - | |
| HQTHQ | Substation | Notre-Dame | 315 | None | - | 315 kV transformers are not included in the RTP. 120 kV capacitors (XC) are included in the RTP. |
| HQTHQ | Substation | Outaouais | 315 - 240 - 75 (DC) | None | - | |
| HQTHQ | Substation | Outardes | 735 | 735 | - | |
| HQTHQ | Substation | Outardes-2 (generator substation) | 315 - 13.8 | None | - | |
| HQTHQ | Substation | Outardes-3 (generator substation) | 315 - 13.8 | None | - | |
| HQTHQ | Substation | Outardes-4 (generator substation) | 315 - 13.8 | None | - | |
| HQTHQ | Substation | Paugan (generator substation) | 230 - 120 - 6.6 | None | - | |
| HQTHQ | Substation | Péribonka (generator substation) | 161 - 13.8 | None | - | |
| HQTHQ | Substation | Périgny | 735 | None | - | |
| HQTHQ | Substation | Petite-Nation | 120 | None | - | Only 120 kV line feeders L1101 and L1104 are included in the RTP. |
| HQTHQ | Substation | Première-Chute (generator substation) | 120 - 13.8 | None | - | |
| HQTHQ | Substation | Québec | 315 - 230 | None | - | Only transformer T1, and 230 and 69 kV capacitors (XC) are included in the RTP. |
| HQTHQ | Substation | Quyón | 230 - 120 | None | - | |
| HQTHQ | Substation | Radisson | 735 - 315 | 735 - 315 | - | |
| HQTHQ | Substation | Radisson c.c. | 450 (DC) - 315 | 450 (DC) - 315 | - | |
| HQTHQ | Substation | Rapide-2 (generator substation) | 120 - 13.8 | None | - | |
| HQTHQ | Substation | Rapide-7 (generator substation) | 120 - 13.8 | None | - | |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------------|--|---|--|---|--|
| HQTHQ | Substation | Rapide-Blanc (generator substation) | 230 – 11 | None | - | T11 and T12 transformers are not included in the RTP. |
| HQTHQ | Substation | Rapides-des- Cœurs (generator substation) | 230 - 13.8 | None | - | |
| HQTHQ | Substation | Rapides-des-Îles (generator substation) | 120 - 13.8 | None | - | |
| HQTHQ | Substation | Rapides-des- Quinze (generator substation) | 120 – 13.2 | None | - | |
| HQTHQ | Substation | Rapides-Farmer (generator substation) | 120 - 6.6 | None | - | |
| HQTHQ | Substation | Rimouski | 315 - 230 | None | - | 230 kV transformers are not included in the RTP. |
| HQTHQ | Substation | Rivière-du-Loup | 315 - 230 | None | - | T2 and T3 transformers are not included in the RTP. |
| HQTHQ | Substation | Rocher-de-Grand- Mère (generator substation) | 69 - 13.8 | None | - | |
| HQTHQ | Substation | Romaine-1 (generator substation) | 315 - 13.8 | None | - | |
| HQTHQ | Substation | Romaine-2 (poste) | 315 | None | - | 315 kV reactors (XL) is included in the RTP. |
| HQTHQ | Substation | Romaine-3 (generator substation) | 315 | None | - | |
| HQTHQ | Substation | Saguenay | 735 - 161 | 735 - 161 | - | |
| HQTHQ | Substation | Saint-Césaire | 230 - 120 | None | - | 120 KV transformers are not included in the RTP. |
| HQTHQ | Substation | Sainte-Marguerite-3 (generator substation) | 315 - 18 | None | - | |
| HQTHQ | Substation | Saint-Sébastien | 120 | None | - | 120 kV transformers are not included in the RTP. 25 kV capacitors (XC) are included in the RTP. |
| HQTHQ | Substation | Sarcelle (generator substation) | 315 - 13.8 | None | - | |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|-----------------------|------------|---|---|--|---|---|
| HQTHQ | Substation | Shawinigan-2 (generator substation) | 120 - 11 | None | - | |
| HQTHQ | Substation | Shawinigan-3 (generator substation) | 120 - 13.8 | None | - | |
| HQTHQ | Substation | Sherbrooke | 230 - 120 | None | - | In the 120 kV section, elements <u>Elements</u> associated with lines L1401 and L1402 are included in the RTP. |
| HQTHQ | Substation | Stanstead | 120 | None | - | 120 kV transformers are not included in the RTP. |
| HQTHQ | Substation | Tilly | 735 - 315 | 735 - 315 | - | |
| HQTHQ | Substation | Toulnostouc (generator substation) | 315 - 13.8 | None | - | |
| HQTHQ | Substation | Trenche (generator substation) | 230 - 13.8 | None | - | |
| HQTHQ | Substation | Trois-Rivières | 230 | None | - | |
| HQTHQ | Substation | Vignan | 315 | None | - | 120 kV capacitors (XC) are included in the RTP. |
| HQTHQ | Substation | Wyman | 120 | None | - | 120 kV transformers are not included in the RTP. |
| 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 | |
| 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. |



Reliability Coordinator in Québec

| Entity | Type | Name | RTP Applicable Voltage Levels (kV) | Bulk Applicable Voltage Levels (kV) | Line operated at 200 kV or more? | Specificities |
|--------|------------|-----------------|---|--|---|--|
| 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 | G.-H.-Gagné | 161 - 13.8 | None | - | Transformers TA1 and TA2 are not included in the RTP |

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 | |
| HQPH IQ | Beauharnois | Hydro | Y | 2,270 | Y | Y | N | |
| HQPH IQ | Beaumont | Hydro | Y | 300 | N | N | N | |
| HQPH IQ | Bécancour | Thermal (TAG) | Y | 456.8 | Y | N | N | |
| HQPH IQ | Bersimis-1 | Hydro | Y | 1,240 | Y | N | N | |
| HQPH IQ | Bersimis-2 | Hydro | Y | 915 | Y | N | N | |
| HQPH IQ | Brisay | Hydro | Y | 494 | Y | N | N | |
| HQPH IQ | Bryson | Hydro | Y | 70 | Y | Y | N | |
| HQPH IQ | Carillon | Hydro | Y | 885.5 | N | N | N | |
| HQPH IQ | Cèdres | Hydro | Y | 150 | Y | Y | N | |
| HQPH IQ | Chelsea | Hydro | Y | 190 | N | Y | N | |
| HQPH IQ | Chute-Allard | Hydro | Y | 69 | N | N | N | Capacity is limited to 69 MVA under decree #379-2005. |
| HQPH IQ | Eastmain-1 | Hydro | Y | 505 | Y | N | N | Capacity is limited to 505 MVA under decree #302-93. |
| HQPH IQ | Eastmain-1-A | Hydro | Y | 853 | Y | N | N | Capacity is limited to 853 MVA under autorisation |



Reliability Coordinator **in Québec**

| 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 |
|------------------------|---------------|-------|-----------------------------|--------------------------|-------------------|--|--------------------------------|---|
| | | | | | | | | authorization certificate #3214-10-17. |
| HQPH Q | Jean-Lesage | Hydro | Y | 1,366 | Y | N | N | |
| HQPH Q | La Gabelle | Hydro | Y | 175 | Y | N | N | |
| HQPH Q | La Grande-1 | Hydro | Y | 1,512 | Y | N | N | |
| HQPH Q | La Grande-2-A | Hydro | Y | 2,340 | Y | N | N | |
| HQPH Q | La Grande-3 | Hydro | Y | 2,425 | Y | N | N | Capacity is limited to 2,425 MVA under James Bay and Northern Québec Agreement , "Convention de la Baie-James et du Nord québécois" |
| HQPH Q | La Grande-4 | Hydro | Y | 2,925 | Y | N | N | |
| HQPH Q | La Tuque | Hydro | Y | 327 | N | N | N | |
| HQPH Q | Laforge-1 | Hydro | Y | 924 | Y | N | N | |
| HQPH Q | Laforge-2 | Hydro | Y | 336 | Y | N | N | |
| HQPH Q | Manic-1 | Hydro | Y | 205 | Y | N | N | |
| HQPH Q | Manic-5 | Hydro | Y | 1,680 | Y | N | N | |
| HQPH Q | Manic-5-PA | Hydro | Y | 1,120 | Y | N | N | |
| HQPH Q | Mercier | Hydro | Y | 58 | N | N | N | |
| HQPH Q | Outardes-2 | Hydro | Y | 615 | Y | N | N | |
| HQPH Q | Outardes-3 | Hydro | Y | 1,080 | Y | N | N | |
| HQPH Q | Outardes-4 | Hydro | Y | 872 | Y | N | N | |
| HQPH Q | Paugan | Hydro | Y | 251.5 | N | Y | N | |



Reliability Coordinator **in Québec**

| 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 |
|-----------|----------------------|-------|-----------------------------|--------------------------|-------------------|--|--------------------------------|--|
| HQPH Q | Pérignonka | Hydro | Y | 427.8 | N | N | N | Capacity is limited to 427.8 MVA under decree #267-2004. |
| HQPH Q | Première-Chute | Hydro | Y | 145 | N | Y | N | |
| HQPH Q | Rapide-2 | Hydro | Y | 84 | N | Y | N | |
| HQPH Q | Rapide-7 | Hydro | Y | 84 | N | Y | N | |
| HQPH Q | Rapide-Blanc | Hydro | Y | 240 | N | N | N | |
| HQPH Q | Rapide-des-Quinze | Hydro | Y | 128.2 | N | Y | N | |
| HQPH Q | Rapides-des-Cœurs | Hydro | Y | 84.4 | N | N | N | Capacity is limited to 84.4 MVA under decree #379-2005. |
| HQPH Q | Rapides-des-Îles | Hydro | Y | 195.36 | N | Y | N | |
| HQPH Q | Rapides-Farmers | Hydro | Y | 127.5 | N | Y | N | |
| HQPH Q | René-Lévesque | Hydro | Y | 1,560 | Y | N | N | |
| HQPH Q | Robert-Bourassa | Hydro | Y | 5,920 | Y | N | N | Capacity is limited to 5,920 MVA under James Bay and Northern Québec Agreement et Convention de la Baie-James et du Nord québécois . |
| HQPH Q | Rocher-de-Grand-Mère | Hydro | Y | 255.6 | N | N | N | Capacity is limited to 255.6 MVA under request of modification to -decree #591-2000 |



Reliability Coordinator in Québec

| 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 |
|------------|-------------------------|-------|-----------------------------|--------------------------|-------------------|--|--------------------------------|---|
| | | | | | | | | dated October 15, 2002. |
| HQPH IQ | Romaine-1 | Hydro | Y | 300 | Y | N | N | Capacity is limited to 300 MVA under decree #537-2009. |
| HQPH IQ | Romaine-2 | Hydro | Y | 711 | Y | N | N | Capacity is limited to 711 MVA under decree #537-2009. |
| HQPH IQ | Romaine-3 | Hydro | Y | 1,474 | Y | N | N | Capacity is limited to 1,474 MVA under decree #537-2009. |
| HQPH IQ | Sainte-Marguerite-3 | Hydro | Y | 928.4 | Y | N | N | Capacity is limited to 928.4 MVA under decree #297-94. |
| HQPH IQ | Sarcelle | Hydro | Y | 166.7 | Y | N | N | Capacity is limited to 166.7 MVA under the certificate of authorization #3214-10-17 . |
| HQPH Q | Shawinigan-2 | Hydro | Y | 243 | N | N | N | |
| HQPH Q | Shawinigan-3 | Hydro | Y | 228 | N | N | N | |
| HQPH Q | Toulnustouc | Hydro | Y | 584 | Y | N | N | |
| HQPH Q | 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 | |



Reliability Coordinator in Québec

| 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 | Mont-Louis | Wind | Y | 100.5 MW | N | N | N | |
| 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 (Cogénération) | 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 | |



Reliability Coordinator in Québec

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)~~ Coordonnateur de la fiabilité
- ~~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 RAS⁵

| NPCC No. | Nature of the Special Protection <u>System RAS</u> |
|------------|---|
| SPS #41/45 | System separation/Generation rejection |
| SPS #114 | Load shedding |
| SPS #124 | Generation rejection |
| SPS #134 | Generation rejection and <u>L</u> oad shedding |
| SPS #151 | System separation |
| SPS #160 | Load shedding |
| SPS #226 | Generation rejection |

⁵ The PRC-005-6 and PRC-012-2 standards require owners of a RAS to identify their RAS. The RAS' indicated in this appendix are therefore included for informational purposes only and are not intended to specify applicability of the Reliability Standards.



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 generation 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: <ul style="list-style-type: none">• Removal of all information regarding critical assets from each <u>Registered eEntity</u>’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 <u>installations facilities</u> 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. |



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| | <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 stemming from decision D-2018-149.</p> <p>Removal of information not relevant to the application of Reliability Standards in Québec.</p> |
| D-2019-142 (November 12, 2019) | <p>2019 statutory update (per decision D-2018-149)</p> <p>System as of April 1, 2019 (with the addition of line 7103)</p> <p>Summary of modifications (in French only) (R-4095-2019, B-0005)</p> <p>Redline to previous version (R-4095-2019, B-0024)</p> <p>Temporary suspension of the application of Reliability sStandards to entity Venterre NRG Inc. and to the New Richmond generation facility.</p> |
| D-2019-150 (November 15, 2019) | <p>Modification of the effective date from January 1, 2020, to July 1, 2020 to certain facilities in Appendix B.</p> |
| D-2020-052 (May 14, 2020) | <p>Temporary suspension of Énergie éolienne Le Plateau S.E.C. (Le Plateau I Wind) as a TO for its substation Plateau.</p> |
| D-2020-062 (May 28, 2020) | <p>Temporary suspension of the inclusion to the Register of lines in Appendix B.</p> |
| D-2020-065 (June 2, 2020) | <p>Suspension from the Register of Venterre NRG Inc. and its generation facility New Richmond without power limitation.</p> |
| D-2020-088 (July 13, 2020) | <p>Removal from the Register of Venterre NRG Inc. and its generation facility New Richmond.</p> |
| D-2020-134 (October 16, 2020) | <p>Added footnote to appendices A and E to remove the distinctions between types of SPSRAS.</p> |
| D-2020-167 (December 11, 2020) | <p>Modification of the footnote in appendix A regarding identification of RAS owning Registered eEntities.</p> |



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| | <p>Identification of <u>Registered e</u>Entities that may own a RAS.</p> <p>Removal of the distinctions between types of <u>SPS-RAS</u> in <u>A</u>ppendix E.</p> |
| D-2021-050 (April 21, 2021) | Removal of 56 “partially Bulk” lines in Appendix B following the revision of NPCC criteria A-10. |
| D-2021-110 (August 27, 2021) | <p>2020 statutory update (per decision D-2018-149)</p> <p>System as of February 1st, 2021</p> <p>Summary of modifications (in French only) (R-4154-2021, <u>B-0018</u>)</p> <p>Redline to previous version (R-4154-2021, <u>B-0020</u>)</p> |
| <u>D-20xx-xxx</u> <u>(Month xx, 20xx)</u> | <p><u>2021 statutory update (per decision D-2018-149)</u></p> <p><u>System as of October 1, 2021</u></p> <p><u>Summary of modifications (in French only) (R-4xxx-20xx, B-00xx)</u></p> <p><u>Redline to previous version (R-4xxx-20xx, B-00xx)</u></p> |

Code de champ modifié

Code de champ modifié