Traduction attestée du formulaire de demande d'exception au réseau de transport principal

Hydro Québec

I hereby certify that this is a complete and accurate translation into English of the attached French document.

Anna Tomczyk, Certified Translator
OTTIAQ, Member No. 7979
Signed in Montréal, Québec, on November 29, 2023

Main Transmission System
RTP Exception Request

Area reserved for use by the Reliability Coordinator for Québec	
Exception request number	Date received (YYYY-MM-DD)

Send this request to fiabilite@hydroquebec.com with the following in the email subject line: **RTP Exception Request**.

Any information submitted as part of this process will be used by the Reliability Coordinator for Québec solely to fulfill its obligations under the *Act respecting the Régie de l'énergie*. All information submitted will be assigned the appropriate level of confidentiality upon receipt.

All capitalized terms and acronyms are defined in the *Glossary of Terms and Acronyms used in Reliability Standards* (the "Glossary"), which is based on the *Glossary of Terms Used in NERC Reliability Standards*.

Instructions

Diagram(s)
For each request, provide a single-line diagram identifying the Element(s) for which the RTP Exception Request is made. The diagram must also show the interface point Protection Systems associated with the Element(s) for which the RTP Exception Request is made.

Preliminary analysis
As part of its preliminary analysis, the Requesting Entity must fill out sections I to IV of the form below. Based on the request type (transmission Element(s) or generation resources), the Requesting Entity may be unable to answer questions 25 to 27 and question 34. The Requesting Entity may add a note to that effect in the Special Notes section.

Should the Coordinator's preliminary analysis find the exception request to be relevant, the Coordinator will carry out an in-depth analysis.

In-depth analysis
The goal of the in-depth analysis is to answer questions that were unanswered in the form, as well as any other additional question brought up by the preliminary analysis. Requesting Entities are asked to provide the data and studies required to support their request. The studies must:

- Be based on the entire Québec Interconnection, and be suitably complete and detailed to reflect the electrical characteristics and topology of the system.
- Clearly document all assumptions used.
- Provide the key performance measures of RTP reliability through steady-state and transient power flow analyses necessary to support the Requesting Entity's request, consistent with the methodologies described in the transmission planning standards (TPL) and as appropriate to the scope of the request.

The Coordinator may carry out the required studies in collaboration with the Requesting Entity.

Additional information
Statements from other Registered Entities that support the Requesting Entity's position are encouraged. Identify all supplementary documents attached and any additional information included to support your request.

Section I
Fill in the following information

1. Name of Requesting Entity	
2. Address (civic No. street, floor, city or municipality, province, postal code)	
3. Date request submitted (YYYY-MM-DD)	
4. Is this a modified RTP Exception Request? ◯ Yes ◯ No	5. If yes, what was the identification number of the original RTP Exception Request?
6. Type(s) of Element(s) for which the RTP Exception Request is made.	7. Current status of the Element(s) based on the application of the RTP definition.

Section II
Technical expert

8. First name and last name	9. Telephone	10. Fax
11. Title	12. Email	
13. Address (civic No. street, floor, city or municipality, province, postal code)		

Section III
Description of the exception request

14. Identification of the Element(s) for which the RTP Exception Request is made.
15. Location(s) of the Element(s) for which the RTP Exception Request is made.
16. Provide a basic statement for the RTP Exception Request.
17. Include a statement, signed and dated by a senior manager, affirming that the senior manager or his or her officer has read the RTP Exception Request and that the Requesting Entity believes that approval of the RTP Exception Request is warranted under the exception process and the RTP Exception Request.

Section IV
Transmission Elements

18. Is there any generation connected to the Element(s)? ◯ Yes ◯ No
19. If so, what is the individual gross nameplate rating for each generation resource?
20. Is(are) the Element(s) part of an Interconnection Reliability Operating Limit (IROL) in Québec? ◯ Yes ◯ No
21. Please provide a list of the operating areas where the Element(s) is(are) located.
22. Is(are) the Element(s) part of the Cranking Path identified in the Transmission Operator's Restoration Plan? ◯ Yes ◯ No
23. Does power flow from the Element(s) to the RTP? ◯ Yes ◯ No

24. If so, based on metering or SCADA data for the two (2) most recent consecutive years, what are the minimum and maximum power outputs of the Element(s)? Describe the conditions and duration of these events when they took place.

25. How does(do) the Element(s) impact the power flows or Interconnections in Québec?

26. Please identify the flows and pathways considered in your analysis as well as the studies and evaluations that illustrate the degree of impact.

27. How would a failure of the Element(s) impact the overall reliability of the RTP? Please provide study results that demonstrate the most severe impact on the system of the failure of the Element(s), and the rationale to support your answer.

Generation resources

28. What is the capacity, in MW, of the generation resource(s)? Please provide the references of the documents that confirm these values.

29. Is the generation resource used for ancillary service reliability?

◯ Yes ◯ No

30. If so, what are these ancillary services?

31. Is the generation resource designated as an essential generating station for protecting the integrity of the transmission system equipment?

◯ Yes ◯ No

Please provide the appropriate reference for your area of operation.

32. Is(are) the generation resource(s) part of the Cranking Path identified in the Transmission Operator's Restoration Plan?

◯ Yes ◯ No

Description, comments

33. Does the generation resource use the RTP to deliver some or all of its current power or scheduled power to the load?

◯ Yes ◯ No

Description, comments

34. How would a failure of the generation resource(s) impact the overall reliability of the RTP? Please provide study results that demonstrate the most severe impact of the failure of the resource(s) on the system, and the rationale to support your answer.

Special Notes

Version history

Version	Reason for the modification	Date
1.0	First release. Acknowledged by the Régie in Decision D-20XX-XYZ.	Month XX, 20XX
1.0	Effective date	Month XX, 20XX