



LT1 Deliverability Focused FAQ, Comments and IESO Responses

Version 2

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Document Change History

Version	Reason For Change	Date
1	LT1 RFP Deliverability Focused FAQ	June 9, 2023
2	Added questions 19-22; no changes to previous questions/answers	June 13, 2023

Frequently Asked Questions

The following questions and comments have been raised by Stakeholders in response to the proposed LT1 RFP Deliverability process. Capitalized terms used but not defined in this FAQ have the meaning given to them in the Market Rules, the LT1 RFP, the Deliverability Guidance Document, and the Deliverability Guidance Input Data Form.

1. Can the IESO adjust dates to allow for more time between the Deliverability Test Result and LT1 RFP Proposal submission?

The IESO presented a revised timeline during the May 4, 2023 stakeholder engagement session. The proposed changes include accelerating the Deliverability Test process to provide an additional month for stakeholders between the test results and the Proposal submission deadline.

2. Can the IESO mitigate uncertainty in the interconnection process - particularly the timeline and cost?

Similar to the E-LT1 RFP, it is the responsibility of individual prospective Proponents to have initial discussions with the applicable transmitter and/or LDC regarding their proposed projects. This will allow them to better estimate the variables involved with the Connection Assessment and approval process.

3. Can the IESO release information on optimal sites and associated connection points?

The IESO has released its updated Delivery Guidance Document for the LT1 RFP which specifies circuits to avoid. It is a prospective Proponent's responsibility to complete appropriate due diligence on site selection when considering project development. It should be noted that the IESO does not expect to include Rated Criteria points for location in the LT1 RFP.

4. Is there a mechanism for decreasing the Maximum Contract Capacity MW put forth in the deliverability test? I.e., a 100MW project successfully passes the deliverability test. Can this project be decreased to 50MW for the RFP proposal or must the 100MW be maintained?

Per Section 2.1(e)(iii) of the LT1 RFP, "The proposed Maximum Contract Capacity and connection point information in respect of the Long-Term Reliability Project must be consistent with that which is reflected in the results of the Deliverability Test (and in respect of Maximum Contract Capacity, the Maximum Contract Capacity shall not be in excess of the maximum summer and winter continuous net output (MW) values assessed and documented in the Deliverability Test results)." As such, the

Contract Capacity submitted into the LT1 RFP must be consistent with, and less than or equal to the capacity assessed and documented in the Deliverability Test results, but may not exceed it.

5. If the Deliverability Test submission can have 3 sizes or 3 interconnection points, how many total options can be included in one Deliverability Test?

Proponents can submit up to 3 variations on the parameters total. Please see the Deliverability Test Input Data form for additional information.

6. Is it possible to submit more than one Deliverability Test with the same GPS Coordinates?

Yes, an applicant may submit more than one Deliverability Test Input Data form with the same GPS Coordinates, subject to the limits on the number of tests submitted set out in section 3 of the Deliverability Test Guidance Document.

7. Is the IESO committed to providing results for all 10 submissions or do Qualified Applicants need to rank their submissions in case the IESO will not commit to reviewing all 10?

The IESO is committed to providing results for all Deliverability Test submissions (subject to the limits on the number of tests submitted set out in section 3 of the Deliverability Test Guidance Document), however applicants are required to indicate the priority sequence among submitted test variations. The IESO will attempt to provide results for all three, but, if time does not permit, the IESO may not provide results for other variations once a "Deliverable" result is obtained.

8. Is there an fee for participating in the IESO's LT1 RFP Deliverability Test?

There is no fee for participating for the LT1 RFP Deliverability Test.

9. Does an Eligible Expansion project count as 1 of the 10 maximum deliverability test forms? Or can 1 form be submitted for the Eligible Expansion project plus 10 additional forms for New Build projects?

A Qualified Applicant (together with any Person(s) Controlled by such Qualified Applicant) may submit up to a maximum of 10 Deliverability Test Input Data forms. In addition, each Eligible Expansion Counterparty may submit 1 Deliverability Test Input Data form for each Eligible Existing Facility. The 10 project limit does not include Eligible Existing Facilities.

10. When identifying project numbers on the Deliverability Test form please confirm that both Eligible Expansion projects and New Build project numbers would begin with the number 1, followed by 2, 3, 4, etc.

The project numbers for Eligible Expansion and New Build submissions are independent from each other. The identifying numbers, which are selected by Applicants, should start at 1 and increase numerically for both Eligible Expansions and New Builds.

11. Will E-LT1 Category 2 projects (being resubmitted into the Deliverability Test as "contingent") count towards that 10-project cap?

As noted in the Delivery Test Guidance document, E-LT1 Category 2 projects that are identified on the Deliverability Test Data Input form as contingent on the results of the E- LT1 RFP, will not count towards that 10-project cap.

12. The IESO has discussed a process by which interested parties can execute an NDA to obtain a map showing transmission circuits and stations. What steps need to be taken by applicants to undertake this process?

This question is referring to the IESO's steady state power flow base case. To discuss obtaining this report, please contact IESO Customer Relations at IESOCustomerRelations@ieso.ca

Note: The release of this report requires that the applicant meet the pre-conditions set out in the Market Rules and the execution of an NDA.

13. On the Input Data Form there is a question relating to the number of circuits to which a project may connect. This item is found in line #33 of the Instructions sheet of the excel file. Usually the only way to connect to 4 circuits would be to build a substation and connect to the bus that attaches all 4 circuits. Is this the intent here?

The Deliverability Test Input Data form is intended to simply allow an applicant to indicate the connection of a project to up to 4 circuits. If the 4 circuit connection is selected, each of the four identified circuit and size combinations will be modelled as a separate sub-project. It is important to note that an applicant will need to select the connection point for their Proposal from among those that are found to be "Deliverable" or "Deliverable but Competing" in the Deliverability Test – and that after such arrangement is submitted into the LT1 RFP, it will form part of the contract, if successful. It is not intended to imply a new switching station involving 4 circuits. If the reason for considering connecting to 4 circuits is due to a large project size, the IESO strongly encourages prospective Proponents to discuss the connection solution with the applicable transmitter before submitting the Deliverability Test application.

14. What is the precise submission deadline for Deliverability Test forms? Will the IESO accept multiple forms in one email, or must each form be submitted separately?

The Deliverability Test Input Data form submission deadline is 11:59 PM on Friday, June 23, 2023. The IESO will accept either one email with separate attachments for each Deliverability Test request for a Long-Term Reliability Project, or separate emails for each Deliverability Test request for a Long-Term Reliability Project.

15. On the Deliverability Test Input Data Form, Qualified Applicant New Build tab: Line 21 and 22 asks for the "Maximum summer and winter continuous net output (MW)", however this is also requested in lines 31 and 32 or lines 38-45 for transmission connected projects and in lines 66-73 for distribution connected projects. Should lines 21 and 22 be removed? For a project that intends to connect to multiple feeders or circuits, which values should be entered into lines 21 and 22?

As noted for the Qualified Applicant New Build tab, the information on line 38 and 39 is a repeat of Line 21 and 22 if a single circuit connection is selected. It is not mandatory to fill line 38 and 39 in such a situation. This also applies to a single feeder connection. It is not mandatory to fill line 67 and 68 in such a situation either. Lines 38 to 45 are for indicating the output for each circuit for a multi-circuit connection. Lines 66 to 73 are for indicating the output for each circuit for a multi-feeder connection. Yes, rows 31 and 32 are duplicate information if the connection is to a TS or SS.

16. On the Deliverability Test Input Data Form, Applicant & Project Info tab: the order of the variations implies priority ranking among the 3 variations, however can the IESO confirm if the Project Number in line 47 indicates priority of the projects submitted for deliverability testing?

The Project Number in line 47 does not indicate priority. It is simply an identification number.

17. In the project output type section, why is there no option for selecting a "Storage facility" box as there was on the E-LT1 form? Also, for the maximum summer/winter net output variations, the formatting on the new form rounds the values to integers. Is there a way to work around this?

The question on row 27 of the Applicant & Project Info tab asks the project fuel type, and "Storage" is one of the choices. The cell display is set to round real numbers entered without decimals. The tests will be done with the actual numbers entered in the cells. The actual number entered can be seen on the ribbon just above the data sheet area when using Excel.

18. Will a proponent have future flexibility around the GPS location of their connection point? For example, could the connection point on a line be moveable within a small distance to account for some unforeseen issues?

The LT1 RFP requires that the connection point information in respect of a Long-Term Reliability Project that is submitted in a Proposal be consistent with the connection point reflected in the Deliverability Test results, so that the Deliverability Test result stays firm. There are no similar limitations related to GPS location. The GPS coordinates for the connection point are used for technical purposes in the Deliverability Test.

19. Can the IESO provide greater clarity about areas/lines/connection points that the IESO knows will be non-deliverable?

The IESO has stated in Section 2.5 of the Deliverability Guidance Document which circuits will be deemed "Not Deliverable". The Deliverability Test has many aspects that need to be considered on a project-specific basis. Project location, size and type of technology all have impact on deliverability. A project in one area may pass while another project in the same area may fail. The IESO does not know the final answers until we have tested the projects that were submitted for the Deliverability Test. The learnings from the Deliverability Test for E-LT1 were relayed to participants. Short circuit issues were also discovered through the Deliverability Test process.

20. How does the Technical Feasibility Study for general interconnection differ from the Deliverability Test for the RFP? What type of detail does a Technical Feasibility Study offer?

According to Market Manual 1.4, the purpose of the Technical Feasibility Study is to assess the technical acceptability of a connection to the IESO-controlled grid, by addressing benefits, concerns and considerations related to the reliability and operability of the project (Sections 2 and 7.1). As well, per Section 7.2 of the same document, the IESO will not conduct a Technical Feasibility Study for a request in which the project is being developed in response to an IESO procurement. In summary, the IESO will not conduct a Technical Feasibility Study for any projects that are being submitted in response to LT1 RFP.

21. What is the precise information that you want in respect of the "connection information"?

The IESO has released its updated Delivery Test Guidance Document and Delivery Test Data Input form for the LT1 RFP. The specificity of connection information requested is contained in Section 3.1 of the Guidance Document as well as in the form itself. This includes connection name, GPS coordinates of the connection point, name of transmitter, etc.

22. What is the purpose of the “Partnered Qualified Applicants” section? If we are currently looking to sell an asset of ours should we list all potential applicants?

Applicants are asked for information on “partnered Qualified Applicants” at line 42 and following of the “Applicant & Project Info” tab of the Deliverability Test Data Input form. The purpose of this section is to provide an opportunity to include any partnered Qualified Applicants on the project, as applicable, as well as any prospective partnered Qualified Applicants or prospective Qualified Applicants that may partner on or purchase the project. Applicants are asked to list all relevant partners where requested in the Delivery Test Data Input form. This ensures that projects are not being double counted, and avoids a situation where a project is competing against itself.