

Feedback Form

Long-Term 2 RFP | Deliverability Guidance Document | April 18, 2024

Feedback Provided by:

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To promote transparency, feedback submitted will be posted on the Long-Term RFP engagement page unless otherwise requested by the sender. If you wish to provide confidential feedback, please mark "Confidential".

Following the LT2 RFP Guidance Document webinar on April 18, 2024, the Independent Electricity System Operator (IESO) is seeking feedback from participants on the items discussed during the session. The presentation material and recording can be accessed from the [engagement web page](#).

Please submit feedback to engagement@ieso.ca by May 3, 2024.

Guidance Document: Readability and Layout

Topic	Feedback
<p>Do you have any advice or feedback on the style, layout and overall readability of the April 2024 Deliverability Guidance Document released by the IESO?</p>	<p>Liked the approach taken in report layout, in providing the objective, assumptions, methodology, and results for each limitation.</p> <p>Recommend providing a bit more information or provide links to other documents to explain terms used in the report (i.e. capacity factor pg. 5).</p> <p>Understand why limitations were addressed individually. Unclear regarding the cumulative impact all limitations will have on zones. Unclear regarding impacts to adjacent zones if multiple zones are increasing supply and experiencing limitations.</p>

Guidance Document: Content

Topic	Feedback
<p>Are there any specific areas of the Deliverability Guidance Document that you would like to provide feedback on from a technical and/or content-specific point of view?</p> <p>If so, please be as specific as possible in your feedback and consider using page numbers and content title where possible to ensure the IESO can consider your feedback accurately</p>	<p>N/A</p>
<p>Do you find the preliminary connection guidance information sufficient for your siting needs? If you feel more information is required, please be specific on what other information you would find useful.</p>	<p>Municipal stakeholder. Interested in whether proponents will develop proposals to site projects in areas with a variety of constraints in addition to several circuits to avoid.</p> <p>Concerned that results from LT1 procurement were not considered in analysis. Understand the rationale behind the omission, but final LT1 results could have a significant impact on zones with <1000 MW remaining before a connection /congestion limit is reached.</p>

General Comments/Feedback:

Content specific questions:

Preamble: Table 1: Area Limitations Summary on page 5 as it relates to the Area Congestion Limits for West Zone

The table lists the Area Congestion West of Buchanan TS as 800MW and west of Chatham SS as 600MW.

Questions: Is the Buchanan TS constraint inclusive or separate of the limitation through Chatham SS?

Per footnote 2, please provide a definition explanation of "capacity factor" as it relates to the analysis.

Preamble: Section 3 Area Congestion Limitations Assumptions and Methodology on page 12

Non-energy limiting resources,...., were assumed in service at their maximum or normal operating output with the exception of quick-starting gas fired generators, two Lennox units and one Bruce generating unit which were assumed out of service.

Questions:

For Natural Gas generators in service how did IESO determine which generators were modelled at their maximum vs. normal operating output? Was it based on whether the generators are considered as base or peaking resources? What parameters indicate whether a generator is considered as a quick -starting gas fired generator? Is there a list of said generators?

Preamble: All contracted E-LT1 RFP resources were assumed in service, with storage resources charging at 50% capacity.

Questions:

What assumptions were made for non-storage projects like natural gas generators? Are these resources assumed to operate a contracted levels or at a percentage of capability?

Preamble: On page 13: For any results that indicated a high level of congestion due to high natural gas generation output, additional sub-cases were tested.

Question: Which zones saw this problem and were accessed using the lower limit of (a) 50% percentile demand forecast, or (b) 50% gas fired generation level?

Preamble: Table 8 – List of Circuits West of Toronto Subject to Further Restrictions on page 22

There are several circuits identified on list that are located west of Chatham SS.

Questions:

Have these circuits been forwarded to the Windsor Essex IRRP group who are currently study in the area? Do these circuits create a bottleneck which will impact future procurements and impact the region's ability to grow and attach new loads? The timeframe for LT2 is after two transmission projects West of London are put in service (Chatham to Lakeshore (230kV circuit) 2024-2025,

Lambton to Chatham (230 kV circuit) 2028) with Longwood to Lakeshore (500kV circuit) scheduled for completion in 2030.