

## Technical Requirements for Large Computational Loads Connecting to the Ontario Power System – May 1st, 2026

### Feedback Provided by:

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- Yes – there is confidential information, do not post**
- No – comfortable to publish to the IESO web page**

Following the posting of Technical Requirements for Large Computational Loads Connecting to the Ontario Power System, the Independent Electricity System Operator (IESO) is seeking feedback from stakeholders on the requirements. The stakeholders can request one-on-one sessions with the IESO for clarification and discussion if needed before submitting feedback. Please submit the meeting request to [engagement@ieso.ca](mailto:engagement@ieso.ca).

Please submit feedback to [engagement@ieso.ca](mailto:engagement@ieso.ca) by **May 28<sup>th</sup>, 2026**.

## General Comments/Feedback

Hydro Ottawa is generally supportive of the proposed technical requirements for large computational loads and its objective to protect the reliability of the integrated power system. The utility seeks clarification on some elements of the proposed requirements.

Hydro Ottawa seeks clarification on the following proposals:

1) Section 6.1 states that automatic load transfer between different supplies is not acceptable. Hydro Ottawa requests clarification on the intended scope of this restriction. Specifically, how will this requirement impact standard customer emergency backup arrangements (e.g., ATS/open-transition schemes)?

2) Section 6 assigns responsibility for power quality performance to the transmitter, but does not clearly identify applicable requirements or responsibilities. Hydro Ottawa requests clarification regarding applicable standards. In addition, which parties (transmitter, distributor, or customer) are responsible for enforcing and executing mitigation measures for potential power quality impacts from large computational loads?

3) Section 6.14 specifies that the IESO may require additional telemetry quantities if they are deemed applicable to the project. To support proactive utility planning and customer guidance, Hydro Ottawa seeks clarification on the specific monitoring parameters expected to generate this data (e.g., UPS status, MW, backup generation).

4) Section 6.7.1 (2) states *"After the system disturbance is cleared and the POI voltage recovers within the ORTAC postcontingency voltage range, the project shall restore its active power withdrawal from the system to the level that exists prior to the system disturbance within a restoration time that is set to 1 second by default and configurable by the IESO based on system assessments."* Hydro Ottawa suggests that a 1 second recovery window is an aggressive approach, and therefore requests clarification as to whether restoration should be staged rather than introducing a large load to the system all at once. The necessity of a staged approach is dependent on the project size. If not, why not?

5) Finally, Hydro Ottawa seeks clarity on how the proposed changes would apply to existing >10MW customers who are currently midway through the connection process.