

# IESO RFP

## Load Capacity: Restricted and Caution Feeder List

This document is for informational purposes only, intended to be a general guideline to help proponents understand the approximate available load capacity at the feasibility stage for BESS applications, battery charging specifically, as part of the IESO Long-Term RFP.

- a. This list does not replace the need for studies/approvals as part of the existing connection process (ie. SIA and CIA).

The scope of this document only covers distribution feeders connecting to Transmission Stations, also known as M-Class feeders. Distribution feeders connecting to Distribution Stations, also known as F-Class feeders, are not considered in this document.

This information is based on the best available loading data as of year-end 2022. System configuration and available capacity are subject to change.

- a. Data is based on historically measured values.

The available capacity on the Dx system is assigned on first come, first serve basis and are not reserved.

Remaining capacity is obtained by comparison historical load against planning limits.

These lists do not account for recently approved loads, recent and/or future system configuration changes that may impact the available capacity.

The Restricted Capacity Feeder List is comprised of M-Class feeders which have no remaining capacity for proponents/customers to connect to the system regardless the size of demand.

The Caution Capacity Feeder List is comprised of M-Class feeders which have little remaining capacity for proponents/customers to connect to the system. These feeders have historically operated near the feeder limits and best-case scenario has 10% capacity remaining.

The following are the best-case remaining capacity for each respective voltage class:

- 44 kV: 2.5 MVA
- 27.6 kV: 1.7 MVA
- 24.9 kV: 1.5 MVA
- 13.8 kV: 0.8 MVA
- 12.5 kV: 0.7 MVA

For any questions, please contact our Distributed Generation Connections Group at [DxGenerationConnections@HydroOne.com](mailto:DxGenerationConnections@HydroOne.com), or by phone at 1-877-447-4412.

## Restricted Feeder List

Station	Feeder	Station	Feeder
Allanburg TS	M5, M6	Lindsay TS	M6
Alliston TS	M2, M12	Manitoulin TS	M25
Almonte TS	M28	Midhurst TS	M4
Armitage TS	M12, M22, M31	Murray TS	M10, M13
Belle River TS	M1	Muskoka TS	M1, M7
Belleville TS	M2, M7	Napanee TS	M2, M3, M4
Bloomsburg DS	M1	Nebo TS	M8
Bracebridge TS	M21	Norfolk TS	M1
Brockville TS	B1R	Orangeville TS	M3, M4
Clarke TS	M2	Orillia TS	M7
Dobbin TS	M7	Otonabee TS	M27
Dunnville TS	M1	Parry Sound TS	M3
Dymond TS	M1	Port Hope TS	M2, M3, M4
Edgeware TS	M2	Sidney TS	M1
Gardiner TS	M7, M9, M14, M26	South March TS	M3
Holland TS	M4, M10	South Middle Road TS	M61, M62, M63, M64, M65, M66, M67, M68, M69, M70, M71, M72
Ingersoll TS	M43	Stayner TS	M3, M4
Jarvis TS	M2	Strathroy TS	M3
Kingsville TS	M1, M2, M3, M4, M5, M6, M7, M8, M9, M10	Thorold TS	M3
Kleinburg TS	M24	Tillsonburg TS	M1, M3
Lambton TS	M2	Wilson TS	M15, M17
Lauzon TS	M24	Woodstock TS	M3
Leamington TS	M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31, M32		

## Caution Feeder List

Station	Feeder	Station	Feeder
Allanburg TS	M7	Lindsay TS	M8
Alliston TS	M4	Longueuil TS	M24
Armitage TS	M32, M34	Malden TS	M7, M9, M10, M11, M12
Arnprior TS	M1, M2	Martindale TS	M6
Barrie TS	M3	Meaford TS	M1, M2
Beamsville TS	M3, M4	Midhurst TS	M3, M5, M6, M7, M8, M9, M10
Beaverton TS	M23, M24	Morrisburg TS	M25, M26
Belle River TS	M2, M3	Muskoka TS	M8, M9
Belleville TS	M6	Nebo TS	M5, M6
Brockville TS	M5	Norfolk TS	Norfolk TS M3, M6
Buchanan TS	M21	Orillia TS	M2, M4, M8
Caledonia TS	M4, M5	Orleans TS	M5
Chesterville TS	M1	Ontonabee TS	M8, M12, M25, M28
Clarabelle TS	M7	Owen Sound TS	M23, M25, M26
Crosby TS	M2	Palmerston TS	M1, M2, M3
Dobbin TS	M2, M6	Parry Sound TS	M1, M2, M4
Douglas Point TS	M1	Picton TS	M5
Duart TS	M6	Pleasant TS	M21
Dundas TS	M3, M8	Port Hope TS	M1
Edgeware TS	M3	Seaforth TS	M2
Enfield TS	M3, M4	Sidney TS	M5
Everett TS	M6, M8	Smith Falls TS	M23, M25, M26
Fergus TS	M1, M4, M7	St. Lawrence TS	M26
Frontenac TS	M3	Stayner TS	M2, M5, M6, M8
Galt TS	M12	Stewartville TS	M1
Gardiner TS	M12	Thorold TS	M1
Hanover TS	H1E	Tillsonburg TS	M2, M3, M4
Hawthorne TS	M1	Timmins TS	M7
Holland TS	M3	Trout Lake TS	M7
Ingersoll TS	M45	Wallace TS	M1
Jarvis TS	M3	Wallaceburg TS	M5
Keith TS	M4, M5,	Wanstead TS	M2
Kent TS	M18	Waubashene TS	M1, M2, M7
Kingsville TS	M1, M3, M5, M7, M8, M9	Wilson TS	M16
Kleinburg TS	M5	Wingham TS	M4
Lauzon TS	M26, M28		