



**BY EMAIL AND WEB POSTING**

March 7, 2023

To: All Licensed Electricity Distributors  
All Licensed Electricity Generators  
All Licensed Electricity Storage Companies  
All Participants in Consultation Process EB-2019-0207  
All Other Interested Parties

**Re: Amendments to Reporting and Record-keeping Requirements (RRR)  
Distributed Energy Resources (DER) Connections Review (EB-2019-0207)**

---

The Ontario Energy Board (OEB) is making changes to the Reporting and Record-keeping Requirements (RRR) for electricity distributors as part of its ongoing [Distributed Energy Resources \(DER\) Connections Review](#) initiative. These RRR amendments will come into effect immediately, with the first reporting of the enhanced data required in April 2024. The changes will provide insight into the progress of Ontario's energy transition<sup>1</sup> and will not require increased reporting efforts by distributors.

The RRR revisions will supplement the information electricity distributors currently report on embedded generation facilities by requiring information about the types of facilities, as well as their installed capacity, that are connected to distributors' systems. These changes will provide greater visibility into the changes in distribution systems due to the increase in DER adoption and are aligned with the OEB's mandate to facilitate innovation. These RRR changes were supported by the [DER Connections Review Working Group](#) which was established to advise OEB staff on ways to facilitate DER connections.

### **Amendments to RRR**

Section 2.1.14 of the RRR currently requires distributors to report on the breakdown of facility type and nameplate capacity for net-metered embedded generators, however this breakdown does not apply to other embedded generators or storage devices. The Working Group noted that the absence of detailed reporting for these other facilities creates a potential gap in the ability of the sector to understand the types of technology that are being adopted across Ontario. The Working Group suggested the OEB amend RRR section 2.1.14 to require distributors to report this information by facility type and

---

<sup>1</sup> [Energy Transition Engage with Us](#)

installed capacity, in a similar way to what is currently required for net-metered embedded generators. The Working Group suggested that requiring reporting in that way would provide increased visibility to the OEB and to the electricity sector regarding the types of generation facilities in each distributor's service area across the province, thereby providing – over time – insight into the progress of Ontario's energy transition.

The OEB agrees that enhanced reporting for embedded generators and storage devices will provide benefits in terms of understanding DER adoption and visibility into the province's energy transition. The OEB also notes that the changes will make reporting on embedded generators consistent between non net-metered facilities and net-metered facilities, which as noted above, are already reported on by both facility type and capacity. As the information to support this reporting is already collected by distributors during the connection process, the OEB expects that the enhanced reporting will not require additional effort by the distributors.

Section 2.1.14 will require a distributor to provide the number of embedded generation facilities by facility type (solar, wind, water, biomass, fossil fuel, exporting storage, non-exporting storage, other), as well as total installed kilowatt capacity by each facility type. To support the changes, the OEB is also introducing a record-keeping requirement, section 2.3.11, which requires distributors to maintain details of the individual embedded generation facilities connected to their systems. The RRR amendments are set out in Appendix A to this letter.

Questions regarding this letter should be addressed to Industry Relations at [IndustryRelations@oeb.ca](mailto:IndustryRelations@oeb.ca).

**DATED** at Toronto, **March 7, 2023**

**ONTARIO ENERGY BOARD**

Brian Hewson  
Vice President, Consumer Protection, and Industry Performance

Appendix A Amendments to the Electricity Reporting and Record-keeping Requirements

## Appendix A

### Amendments to the Electricity Reporting and Record-keeping Requirements (RRR)

March 7, 2023

*Note: Underlined text indicates proposed additions to the RRR and strikethrough text indicates proposed deletions from the RRR. Numbered titles are included for convenience of reference only.*

2.1.14 A distributor shall provide, annually by April 30, the following net metering and embedded generation information for the preceding calendar year:

- a) Number of net metered generators (as defined in section 6.7.1 of the Distribution System Code) by renewable energy source;
- b) Total installed capacity (kW) of net metered generators by renewable energy source;
- c) Total installed capacity (kW) of storage devices used by net metered generators by renewable energy source;
- d) For all other embedded generation facilities connected to the distributor's distribution system not counted in (a) above:
  - i. Number of generators by facility type (solar, wind, water, biomass, fossil fuel, exporting storage, non-exporting storage, other); and
  - ii. Total installed capacity (kW) by facility type (solar, wind, water, biomass, fossil fuel, exporting storage, non-exporting storage, other);
- ~~e) Total installed capacity (kW) of the embedded generators referred to in (d) above.~~

2.3.11 A distributor shall maintain and provide at such times as may be requested by the Board, records on applications for the connection of embedded generation facilities to the distribution system, including connections to distribution systems embedded

within the distributor's system, and that information shall include the following in relation to each application:

- a) The name of the applicant and the date of the applicant's request for a preliminary meeting;
- b) The proposed generation facility's fuel type (solar, wind, water, biomass, fossil fuel, exporting storage, non-exporting storage, other), size, and location;
- c) The dates the applicant is provided with an impact assessment, a capacity allocation, a detailed cost estimate, and an offer to connect;
- d) The impact assessment, including metering requirements, the detailed cost estimate, and the offer to connect;
- e) The date the distributor advises any directly connected transmitter or distributor under section 6.2.14A or 6.2.17 of the Distribution System Code;
- f) The date and reasons for the removal of capacity previously allocated to an applicant; and
- g) The date the distributor connects the generation facility to its distribution system.