



Burlington *hydro*

Burlington Hydro's Distributed Energy Resources Cost Variance Guidance

Last updated April 2026

Overview

Burlington Hydro provides examples of completed Distributed Energy Resource (DER) connection projects to help customers understand how connection costs can vary. The table below shows a selection of projects completed within the past two years and highlights where actual costs differed from initial estimates, along with the key factors that contributed to those differences.

In cases where there have been fewer DER connections, we may include older projects to provide a more complete picture of typical connection costs over time. To protect customer privacy, all examples are shared at a high level and do not include identifying customer information. The timeframe covered by the data is clearly noted.

Burlington Hydro's Distributed Energy Resources Cost Variance Guidance

Guidance on Cost Variance

DER Group/kW Size Range	Project Type (Exporting/Non-Exporting)	Connection Cost Estimate (\$)	Actual Connection Cost (\$)	Variance [Actual Estimate] (\$)	Variance %	Expansion Required (Y/N)	Transfer Trip Required (Y/N)	Build & Energization Duration (Months)
Group 1 - Micro-Embedded DERs (≤ 10 kW)	Exporting	\$685.17	\$685.17	0	0	N	N	1 month
	Non-Exporting	\$2,185.17	\$2,185.17	0	0	N	N	2 months
Group 2 - Three-Phase DERs (12kW to 250kW)	Exporting	\$11,050.00	\$11,050.00	0	0	N	N	6 months
	Exporting	\$9,000	\$9,000	0	0	N	N	5 months

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Group 3 - Three-Phase DERs ($\geq 250\text{kW}$ to $\leq 500\text{kW}$)*	Exporting	\$35,000	\$35,000	0	0	N	N	5 months
	Exporting	\$35,000	\$32,678	\$2,322	7%	N	N	>2 years

*SCADA installation and a remote disconnect was required. This project required a few revisions of the OTC due to expirations.

Notes:

1. All prices are excluding HST.
2. Burlington Hydro has not installed any DERs >500kW to-date.
3. The "energization duration" column is based on the date that the Offer to Connect was sent from Burlington Hydro to the customer through to the energization date. This timeline may vary as it is up to the customer's discretion.