

# Synergy North DER Connection Cost Guidance

## Disclaimer

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## Estimated Project Cost

The table below displays the approximate cost for connecting various DER projects based on size. For larger projects, please reference the Hydro One Networks Inc. (HONI) cost guidance document because HONI owns the transmission stations in Thunder Bay.

No.	Cost Item	Average Cost (\$) (HST not included)				Notes on variability
		micro	12-50 kW	50-250kW	250-1,000kW	
1	Metering	\$ 500.00	\$ 1,200.00	\$ 1,200.00	\$4,000.00	If IT replacements required or new metering, cost will greatly increase
2	Design Review	\$ -	\$ 3,000.00	\$ 3,500.00	\$4,000.00	Design changes can cause delays and increased cost
3	Commissioning	\$ -	\$ 1,000.00	\$ 1,500.00	\$2,500.00	
4	SCADA Implementation	\$ -	\$ -	\$ -	\$6,000.00	
	<b>Total Approx Cost</b>	<b>\$ 500.00</b>	<b>\$ 5,200.00</b>	<b>\$ 6,200.00</b>	<b>\$ 16,500.00</b>	



## Sample Projects

If sufficient capacity is available for the project, then Synergy North will provide a Class C (+/-50%) estimate for the connection cost of the project. The table below displays sample projects with the connection cost estimate and the final cost.

DER Group	No	Project Type	Connection Cost Estimate (\$)	Actual Connection Cost (\$)	Variance (\$)	% Difference	Expansion Required	Transfer Trip	Build and Energization Duration (Months)
12-50kW	1	Inverter Based Exporting	\$ 3,000.00	\$ 1,585.52	-\$ 1,414.48	-47.15%	No	No	8
50-250kW	1	Inverter Based Exporting	\$ 3,000.00	\$ 3,991.23	\$ 991.23	33.04%	No	No	5