DISTRIBUTED GENERATION TARIFF OPTIONS

INFORMATION SHEET
WISCONSIN

If you are interested in installing your own electric generating system, such as rooftop solar, you will need to follow several steps to "interconnect" to the Xcel Energy electric distribution system, including enrolling your generating system with Xcel Energy.

Following is an overview of our parallel generation (Pg) tariff options available to Wisconsin customers.

Pg-1 Net Energy Billing Service <=100 kW-AC
Available to all customers who offset retail load with a generation resource 100 kW-AC or less connected behind the meter at their premise, such as rooftop solar.

- **Energy:** Net metering at full retail rates with monthly banking of excess kWh; any excess kWh at year end is paid out using on-peak and off-peak energy prices shown within the Pg-2B tariff.
- **Capacity & Transmission Credits:** Not provided

Pg-2A Sale to Company <=5 MW-AC
Available to any generator certified as a "Qualifying Facility" under Part 292 of PURPA with a nameplate capacity of 5,000 kW-AC or less. All energy must be sold to Xcel Energy under a standard offer contract with monthly payments made to the generator for the following:

- **Energy:** All kWh are adjusted for loss factors and credited at wholesale locational marginal prices (LMPs) averaged across summer peak, winter peak, and off-peak periods; the forecasted LMPs are updated annually and approved by the Public Service Company of Wisconsin.
- **Capacity**: Credit rate varies by contract length and is paid out based on the generator's accredited capacity. See current contract payments below.
- **Transmission:** All kWh are adjusted for loss factors and credited at avoided transmission costs.

Pg-2A Capacity Accreditation
Each generator taking service under Pg-2A will have their capacity accreditation value updated each year based on the resource type using MISO methodologies approved by the Federal Energy Regulatory Commission Aug. 31, 2022. Learn more about MISO's methodologies for other generation types in their online Business Practice Manual.

Pg-2B Sale to Company After Self Supply <=1 MW-AC
Available to any generator certified as a "Qualifying Facility" under Part 292 of PURPA with a nameplate capacity of 1,000 kW-AC or less. Generation may be used to offset retail load and excess generation is purchased by Xcel Energy without a contract as follows:

- **Energy:** Excess kWh are adjusted for loss factors and credited at wholesale locational marginal prices (LMPs) averaged across summer peak, winter peak, and off-peak periods; the forecasted LMPs are updated annually and approved by the Public Service Company of Wisconsin.
- **Capacity:** No credits paid
- **Transmission:** All kWh are adjusted for loss factors and credited at avoided transmission costs.

Pg-2C Negotiated Rates <=5 MW-AC
Available to any generator certified as a "Qualifying Facility" under Part 292 of PURPA with a nameplate capacity of 5,000 kW-AC or less.

- **Energy/Capacity/Transmission:** Negotiated

Pg-2D Self Supply Non-Export (No Capacity Limit)
Available to any generator used to offset a customer's retail load at the same retail electric meter with protective equipment to prevent export of excess generation to Xcel Energy.

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Summary of Parallel Generation Tariff Availability, Credits and Metering Charges for Wisconsin Customers

	Pg-1	Pg-2A	Pg-2B	Pg-2C	Pg-2D
Best Served	Customers with generators 100kW or smaller who wish to offset some or all of their energy use behind the retail meter	Customers or Qualified Facilities with generation 1-5MW who are not seeking to offset retail energy use	Customers with generation 100-1,000 kW seeking to offset their energy use without entering a standard contract	Customers or Qualified Facilities with generators 5MW or smaller seeking a negotiated contract	Customers with generators larger than 1MW who wish to offset retail load and can prevent exports
Energy Credits	Net Metering with Forecast LMPs in Pg-2A/2B	Forecast LMPs updated annually: • Peak Summer: $0.05518 • Peak Winter: $0.05342 • Off Peak: $0.03937		Negotiated	None; Export is not allowed
Accredited Capacity Credits	None	$/kW-month by contract length: 1 Year: $0.00 5 Year: $5.77 10 Year: $6.04 15 Year: $6.29 Payments Start 2026	None	Negotiated	None; Export is not allowed
Transmission Credits	None	$0.00669/kWh for all hours		Negotiated	None; Export is not allowed
Loss Factors by Voltage Level	None	Secondary: 1.09456 Primary: 1.06762 Transmission (Transformered): 1.02411 Transmission (Untransformered): 1.02128		Negotiated	
Metering Charges specify $/Month	None	0-40kW no meter: $0 0-40kW 1Ph: $3.60 0-40kW 3Ph: $10.30 40-250kW 1Ph: $4.30 40-250kW 3Ph: $14.90 250+kW: $71.80	0-40kW no meter: $2.00 0-40kW 1Ph: $3.60 0-40kW 3Ph: $10.30 40-250kW 1Ph: $4.30 40-250kW 3Ph: $14.90 250+kW: $71.80	Same as Pg-2A	Same as Pg-2B

Options for Qualifying Facilities Larger than 5,000 kW-AC

- **Option 1 –** Pg-2D No Export: Visit the Business Solutions Center or call 800-481-4700 to discuss options and next steps.
- **Option 2 –** MISO Participant: Generation owner must initiate Market Participant (MP) registration process. Learn more MISO MP Resources.
  - Generator must enter a Generator Interconnection Agreement (GIA) with Xcel Energy.
  - Generator may not have a Load Interconnecting Agreement (LIA) with Xcel Energy.
  - If generator is distribution interconnected, they must enter a distribution wheeling agreement with Xcel Energy that allows the customer's generation to flow to the wholesale market using Xcel Energy systems.
- **Option 3 – Competitive Solicitations** – Check Xcel Energy's website for open competitive solicitations seeking generation assets.

Interconnection Requirements

All customer-owned generation and Qualifying Facilities must apply for interconnection with Xcel Energy's distribution system using these guidelines and comply with Wisconsin Administrative Rules Chapter 119. Additional information about the interconnection process can be found here.

More information: For more information regarding interconnection and application under any of the parallel generation tariffs, email SolarProgramWI@xcelenergy.com.

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