



We support renewable energy and partner with our customers to ensure safe and reliable interconnection of renewable energy into the electric grid.

General Interconnection Information

- Customers who generate their own electricity with renewable energy sources can interconnect with the electric grid and receive bill credits for excess generation
- Green Power Connection™ (GPC) is our process for facilitating small generator interconnections and net energy metering (NEM) requests
- Small generator technologies that qualify for interconnection with our system include solar (photovoltaic or "PV"), wind, hydro-electric, fuel cell, and organic anaerobic digestion
- Title 26 of the Delaware Code, Chapter 10 and corresponding regulations adopted by the Delaware Public Service Commission define the net energy metering and interconnection application processes Delmarva Power follows
- *Code of Maryland Regulations (COMAR) 20.50.09 for Small Generation Interconnection Standards* defines the application process Delmarva Power follows. *COMAR 20.50.10 for Net Metering Authority* defines the qualifications for net energy metering in Maryland
- All net energy metering and interconnection application forms are available on delmarva.com/gpc

Inverter Standards

- The inverter is only one component of each renewable generating project which Delmarva Power evaluates for interconnection requests. Receipt of an Approval to Install notification in the interconnection application process is validation the inverter specifications were reviewed and accepted
- Institute of Electrical and Electronics Engineers (IEEE) Standard 1547 provides the criteria and requirements for interconnecting small generator equipment to the grid. Underwriters Laboratory (UL) Standard 1741 sets the requirements for the inverters and charge controllers used in photovoltaic (PV) systems
- In most cases, inverters that comply with IEEE 1547 and UL 1741 will be acceptable for interconnection
- The equipment on the Acceptable Inverters list on the reverse side has been accepted for use in other small generator interconnection project requests

For more information contact our
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Acceptable Inverters

The inverter is only one component of each renewable generating project which Delmarva Power evaluates for interconnection requests. Generally, inverters that comply with IEEE 1547 and UL 1741 will be acceptable for interconnection. Delmarva Power makes no claim or warranty as to the quality, suitability, or performance of any inverter on this list. This list is current as of March 15, 2016.

Manufacturer Name	Model	Manufacturer Name	Model	Manufacturer Name	Model
ABB	PVI 5000	Satcon	SB3800US	Solar Edge	SE4000
ABB	PVI 6000	Satcon	SB4000US	Solar Edge	SE5000
ABB	PVI 6500	Satcon	SB5000US	Solar Edge	SE6000
ABB	PVI 7500	Satcon	SC500HE-US	Solar Edge	SE7600
ABB	PVI 3.8	Satcon	SB5000us	Solar Edge	SE10000
ABB	PVI 4.6	Satcon	SB6000us	Solar Edge	SE 11400
ABB	PVI 10.0	Satcon	SB7000us	Solar Edge	SE5000A
ABB	UNO 7.5	Satcon	SB8000us	Solar Edge	SE6000A
ABB	UNO 8.6	Satcon	2000HF-US	Solar Edge	SE7600A
ABB	POWER ONE 0.31 OUTD MICRO INVERTER	Satcon	2500HF	Solar Edge	SE 11400A
ABB	POWER ONE 0.25 OUTD MICRO INVERTER	Satcon	3000HF	Solar Edge	SE3000
ABB	POWER ONE AURORA 3 (PVI 3)	Satcon	Sunny Central 250u	Solar Edge	SE3300
ABB	POWER ONE AURORA 3.6 (PVI 3.6)	Satcon	Sunny Central 500u	Solar Edge	SE3500
ABB	POWER ONE AURORA 4.2 (PVI 4.2)	Satcon	Sunny Tower 36/42/48	Solar Edge	SE3800
ABB	POWER ONE AURORA 25	Satcon	SB3000TL	Solar Edge	SE4000
Advanced Energy	PVP30	Satcon	SB5000TL	Solar Edge	SE5000
Advanced Energy	PVP35	Satcon	SB3800TL	Solar Edge	SE6000
Advanced Energy	PVP50	Satcon	SB800TLUS	Solectria	PVI-10
Advanced Energy	PVP75	Satcon	SB900TLUS	Solectria	PVI-13
Advanced Energy	PVP100	Satcon	SB1000TLUS	Solectria	PVI-15
Advanced Energy	PVP260	Satcon	STP 24000TL-US	Solectria	PVI 60
Advanced Energy	PVP1100	Satcon	PowerGatePlus 50kW	Solectria	PVI 82
Advanced Energy	PVP2000	Satcon	PowerGatePlus 100kW	Solectria	PVI 95
Advanced Energy	PVP2500	Satcon	PowerGatePlus 135kW	Solectria	PVI 1800
Advanced Energy	PVP2800	Satcon	PVS-30	Solectria	PVI 3000
Advanced Energy	PVP3000	Satcon	PVS-50	Solectria	PVI 4000
Advanced Energy	PVP3500	Satcon	PVS-75	Solectria	PVI 5000
Advanced Energy	PVP4600	Satcon	PVS-110	Solectria	PVI 5300
Advanced Energy	PVP4800	Satcon	PVS210	Solectria	PVI 6500
Advanced Energy	PVP5200	Satcon	PVS375	Solectria	PVI 7500
APS	YCS500a	Satcon	PV3 500	Solectria	SIG 225
Delta	Solvia 5.0	Schneider	Conext TX 3300	Solectria	SIG 250
Direct Grid	DGM-S460	Schneider	Conext TX 5000 NA	Solectria	SIG266
Enphase Energy	M190-72-240	Schneider	Xantrex GT-2.8	Solectria	SIG300
Enphase Energy	M190-72-208	Schneider	Xantrex GT-3.0	Solectria	SIG500
Enphase Energy	M210	Schneider	Xantrex GT-3.3	Solectria	PVI-10
Enphase Energy	M250	Schneider	Xantrex G1-3.8	Solectria	PVI-13
Enphase Energy	D380	Schneider	Xantrex GT-4	Solectria	PVI-15
Enphase Energy	M215	Schneider	Xantrex GT-5	Solectria	PVI 60
Fronius USA	IG-2000	Schneider	Xantrex GT500E	Solectria	PVI 82
Fronius USA	IG-3000	Schneider	Xantrex GT100	Solectria	PVI 95
Fronius USA	IG-4000	Schneider	Xantrex PV 10208	Solectria	PVI 1800
Fronius USA	IG-4500	Schneider	Xantrex PV 30208	Solectria	PVI 3000
Fronius USA	IG-5100	Schneider	Xantrex PV 225S-480	Solectria	PVI 4000
Fronius USA	IG plus 3-1	Siemens	Smlinv215R60MC	Solectria	PVI 5000
Fronius USA	IG plus 3.8-1	Sharp	SunVista JH-3500U	Solectria	PVI 5300
Fronius USA	IG plus 5	SMA-America	Sunny Boy 700U	Solectria	PVI 6500
Fronius USA	IG plus 6	SMA-America	Sunny Boy 1100U	Solectria	PVI 7500
Fronius USA	IG plus 7.5	SMA-America	Sunny Boy 1800U	Solectria	SIG 225
Fronius USA	IG plus 10	SMA-America	Sunny Boy 2500U	Solectria	SIG 250
Fronius USA	IG plus 11.4	SMA-America	Sunny Boy 3800U	Solectria	SIG266
Fronius USA	IG plus 12	SMA-America	Sunny Boy 6000U	Solectria	SIG300
Fronius USA	Fronius Galvo 1.5	SMA-America	SB3000US	Solectria	SIG500
Fronius USA	Fronius Galvo 2.0	SMA-America	SB3800US	SunPower	SPR 2000
Fronius USA	Fronius Galvo 2.5	SMA-America	SB4000US	SunPower	SPR-3200
Fronius USA	Fronius Galvo 3.1	SMA-America	SB5000US	SunPower	SPR-5200
Fronius USA	Fronius Primo 3.8	SMA-America	SC500HE-US	SunPower	SPR 3000m
Fronius USA	Fronius Primo 5.0	SMA-America	SB5000us	SunPower	SPR 4000m
Fronius USA	Fronius Primo 6.0	SMA-America	SB6000us	SunPower	SPR 5000m
Fronius USA	Fronius Primo 7.6	SMA-America	SB7000us	SunPower	SPR 6000m
Fronius USA	Fronius Primo 8.2	SMA-America	SB8000us	SunPower	SPR 7000m
Fronius USA	Fronius CL 33.3	SMA-America	2000HF-US	SunPower	SPR 8000m
GE	GEPVe-1100	SMA-America	2500HF	SunPower	SPR 3300f
GE	GEPVe-2800	SMA-America	3000HF	SunPower	SPR 4000f
KACO	1502xi	SMA-America	Sunny Central 250u	SunPower	SPR 6500f
KACO	2502xi	SMA-America	Sunny Central 500u	SunPower	SPR 8000f
KACO	3502xi	SMA-America	Sunny Tower 36/42/48	SunPower	SPR 12000f
KACO	5002xi	SMA-America	SB3000TL	SunPower	SPR10001f
Samil Power	Solar Rver 3000 TL	SMA-America	SB5000TL	SunPower	SPR11401f
Samil Power	Solar River 6000 TL	SMA-America	SB3800TL	SunPower	SPR-2000
Samil Power	Solar River 7000 TL	SMA-America	SB8000TLUS	SunPower	SPR-3200
Samil Power	Solar River 8000 TL	SMA-America	SB9000TLUS	SunPower	SPR-5200
Samil Power	Solar River 9000 TL	SMA-America	SB10000TLUS	SunPower	SPR 3000m
Samil Power	Solar River 10000 TL	SMA-America	STP 24000TL-US	SunPower	SPR 4000m
Satcon	PowerGatePlus 50kW	Solar Edge	SE7600	SunPower	SPR 5000m
Satcon	PowerGatePlus 100kW	Solar Edge	SE10000	SunPower	SPR 6000m
Satcon	PowerGatePlus 135kW	Solar Edge	SE 11400	SunPower	SPR 7000m
Satcon	PVS-30	Solar Edge	SE5000A	SunPower	SPR 8000m
Satcon	PVS-50	Solar Edge	SE6000A	SunPower	SPR 3300f
Satcon	PVS-75	Solar Edge	SE7600A	SunPower	SPR 4000f
Satcon	PVS-110	Solar Edge	SE 11400A	SunPower	SPR 6500f
Satcon	PVS210	Solar Edge	SE3000	SunPower	SPR 8000f
Satcon	PVS375	Solar Edge	SE3300	SunPower	SPR 12000f
Satcon	PVS 500	Solar Edge	SE3500	SunPower	SPR10001f
Satcon	SB3000US	Solar Edge	SE3800	SunPower	SPR11401f