



# ACCEPTABLE INVERTERS

green power  
connection™

**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, biomass, anaerobic digestion, geothermal electric, fuel cells using renewable sources, hydro, and cogeneration and microturbines. Hydro-electric systems qualify for interconnection but not for net metering services
- Title 15 of the *D.C. Municipal Regulations* defines the interconnection and net metering regulations and application processes Pepco follows. Chapter 40 sets out the *District of Columbia Small Generator Interconnection Rules* and Chapter 9 sets out the *Net Energy Metering Rules* for the District’s net energy metering application process
- *Code of Maryland Regulations* (COMAR) 20.50.09 for *Small Generation Interconnection Standards* defines the application process Pepco 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 [pepco.com/gpc](http://pepco.com/gpc)

## Inverter Standards

- The inverter is only one component of each renewable generating project which Pepco 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  
**Green Power Connection Team**

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An Exelon Company

**Net Energy Metering and Small Generator Interconnections**

## Acceptable Inverters

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

ABB	Power One Aurora 3 (PVI 3)	Fronius USA	Fronius Primo 5.0	SMA-America	Sunny Central 250u
ABB	Power One Aurora 3.6 (PVI 3.6)	Fronius USA	Fronius Primo 6.0	SMA-America	Sunny Central 500u
ABB	Power One Aurora 4.2 (PVI 4.2)	Fronius USA	Fronius Primo 7.6	SMA-America	Sunny Tower 36/42/48
ABB	Power One Aurora 25	Fronius USA	Fronius Primo 8.2	SMA-America	SB3000TL
ABB	PVI 5000	Fronius USA	Fronius CL 33.3	SMA-America	SB5000TL
ABB	PVI 6000	Fronius USA	Fronius Symo 10.0	SMA-America	SB3800TL
ABB	PVI 6500	Fronius USA	Fronius Symo 12.0	SMA-America	SB8000TLUS
ABB	PVI 7500	Fronius USA	Fronius Symo 12.5	SMA-America	SB9000TLUS
ABB	PVI 3.8	Fronius USA	Fronius Symo 15.0	SMA-America	SB10000TLUS
ABB	PVI 4.6	Fronius USA	Fronius Symo 17.5	SMA-America	STP 24000TL-US
ABB	PVI 10.0	Fronius USA	Fronius Symo 20.0	SMA-America	Sunny Boy 240 Micro
ABB	UNO 7.6	Fronius USA	Fronius Symo 22.7	Solar Edge	SE3000
ABB	UNO 8.6	GE	Fronius Symo 24.0	Solar Edge	SE3300
ABB	Power One 0.31 OUTD Micro Inverter	GE	GEPVe-1100	Solar Edge	SE3500
ABB	Power One 0.25 OUTD Micro Inverter	GE	GEPVe-2800	Solar Edge	SE3800
Advanced Energy	PVP30	KACO	1502xi	Solar Edge	SE4000
Advanced Energy	PVP35	KACO	2502xi	Solar Edge	SE5000
Advanced Energy	PVP50	KACO	3502xi	Solar Edge	SE6000
Advanced Energy	PVP75	KACO	5002xi	Solar Edge	SE7600
Advanced Energy	PVP100	Power Electronics	Freesun FS1400CU	Solar Edge	SE10000
Advanced Energy	PVP260	Samil Power	Solar River 3000 TL	Solar Edge	SE11400
Advanced Energy	PVP1100	Samil Power	Solar River 6000 TL	Solar Edge	SE5000A
Advanced Energy	PVP2000	Samil Power	Solar River 7000 TL	Solar Edge	SE6000A
Advanced Energy	PVP2500	Samil Power	Solar River 8000 TL	Solar Edge	SE7600A
Advanced Energy	PVP2800	Samil Power	Solar River 9000 TL	Solar Edge	SE11400A
Advanced Energy	PVP3000	Samil Power	Solar River 10000 TL	Solectria	PVI 10
Advanced Energy	PVP3500	Satcon	PowerGatePlus 50kW	Solectria	PVI 13
Advanced Energy	PVP4600	Satcon	PowerGatePlus 100kW	Solectria	PVI 14TL
Advanced Energy	PVP5200	Satcon	PowerGatePlus 135kW	Solectria	PVI 15
APS	YCS500a	Satcon	PVS-30	Solectria	PVI 20TL
CHINT	CPS SCA 3KTL	Satcon	PVS-50	Solectria	PVI 23TL
CHINT	CPS SCA 4KTL	Satcon	PVS-75	Solectria	PVI 28TL
CHINT	CPS SCA 5KTL	Satcon	PVS-110	Solectria	PVI 36TL
CHINT	CPS SCA 6KTL	Satcon	PVS-210	Solectria	PVI 60
CHINT	CPS SCA 14KTL	Satcon	PVS-375	Solectria	PVI 82
CHINT	CPS SCA 20KTL	Satcon	PVS-500	Solectria	PVI 95
CHINT	CPS SCA 23KTL	Schneider	Conext TX 3300	Solectria	PVI 1800
CHINT	CPS SCA 28KTL	Schneider	Conext TX 5000 NA	Solectria	PVI 3000
CHINT	CPS SCA 36KTL	Schneider	Xantrex GT-2.8	Solectria	PVI 4000
Delta	Solvia 5.0	Schneider	Xantrex GT-3.0	Solectria	PVI 5000
Direct Grid	DGM-S460	Schneider	Xantrex GT-3.3	Solectria	PVI 5300
Enphase Energy	M190-72-240	Schneider	Xantrex GT-3.8	Solectria	PVI 6500
Enphase Energy	M190-72-208	Schneider	Xantrex GT-4	Solectria	PVI 7500
Enphase Energy	M210	Schneider	Xantrex GT-5	Solectria	SGI 225
Enphase Energy	M215	Schneider	Xantrex GT500E	Solectria	SGI 250
Enphase Energy	M250	Schneider	Xantrex GT100	Solectria	SGI 266
Enphase Energy	D380	Schneider	Xantrex PV 10208	Solectria	SGI 300
Enphase Energy	S280	Schneider	Xantrex PV 30208	Solectria	SGI 500
Fronius USA	IG 2000	Siemens	Xantrex PV 225S-480	SunPower	SPR 2000
Fronius USA	IG 3000	Sharp	Smiinv215R60MC	SunPower	SPR 3200
Fronius USA	IG 4000	SMA-America	SunVista JH-3500U	SunPower	SPR 5200
Fronius USA	IG 4500	SMA-America	Sunny Boy 5.0	SunPower	SPR 3000m
Fronius USA	IG 5100	SMA-America	Sunny Boy 6.0	SunPower	SPR 4000m
Fronius USA	IG Plus 3-1	SMA-America	Sunny Boy 700U	SunPower	SPR 5000m
Fronius USA	IG Plus 3.8-1	SMA-America	Sunny Boy 1100U	SunPower	SPR 6000m
Fronius USA	IG Plus 5	SMA-America	Sunny Boy 1800U	SunPower	SPR 7000m
Fronius USA	IG Plus 6	SMA-America	Sunny Boy 2500U	SunPower	SPR 8000m
Fronius USA	IG Plus 7.5	SMA-America	Sunny Boy 3800U	SunPower	SPR 3300f
Fronius USA	IG Plus 10	SMA-America	Sunny Boy 6000U	SunPower	SPR 4000f
Fronius USA	IG Plus 11.4	SMA-America	SB3000US	SunPower	SPR 6500f
Fronius USA	IG Plus 12	SMA-America	SB3800US	SunPower	SPR 8000f
Fronius USA	Fronius Galvo 1.5	SMA-America	SB4000US	SunPower	SPR 12000f
Fronius USA	Fronius Galvo 2.0	SMA-America	SB5000US	SunPower	SPR 10001f
Fronius USA	Fronius Galvo 2.5	SMA-America	SB6000US	SunPower	SPR 11401f
Fronius USA	Fronius Galvo 3.1	SMA-America	SB7000US	SunPower	SPR E20-327*
Fronius USA	Fronius Galvo 3.8	SMA-America	SB7700US	SunPower	SPR X21-345
Fronius USA	Fronius Galvo 3.8	SMA-America	SB8000US	SunPower	
		SMA-America	SC500HE-US		
		SMA-America	2000HF-US		
		SMA-America	2500HF		
		SMA-America	3000HF		

## Net Energy Metering and Small Generator Interconnections