

NET ENERGY METERING AND SMALL GENERATOR INTERCONNECTION APPLICATION CHECKLIST



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

Interconnection Process

- Customers who generate their own electricity with renewable energy sources can interconnect with the grid and receive bill credits for excess generation
- Green Power Connection™ (GPC) is Pepco's process for facilitating small generator interconnections and net energy metering (NEM) requests
- Small generator technologies that qualify for NEM and 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. See our GPC website for more details
- Title 15 of the *D.C. Municipal Regulations* (DCMR) defines the interconnection and net metering regulations and application processes Pepco follows. Chapter 40 sets out the *District of Columbia Small Generator Interconnection Rules* (SGIR) and Chapter 9 sets out the *Net Energy Metering Rules* and defines Pepco's net metering application process

Application Forms and Fees

- A fully completed and signed District of Columbia Interconnection Application and Agreement is required, along with the fee for Level 2, 3, and 4 applications. Most residential systems qualify for the Level 1 application; see the SGIR for details on the Level 2, 3, or 4 application
- For customers who wish to feed generation back into the grid and receive bill credits, a fully completed and signed District of Columbia Customer Net Energy Metering Contract (NEM Contract) also is required and a net-capable meter installed at your premise
- Apply online at www.pepco.com/gpc

- The interconnection application is a two-part process, and the NEM Contract is a separate document altogether. See the back of this sheet for the Level 1 components and requirements of both
- Pepco will calculate and invoice the contractor for any required application fee

Nameplate Capacity	Application Fee	
Level 1 10 kW or less and invertor-based	None	
Level 2 2 MW or less radial distribution circuit or spot network serving one customer	\$500	
Level 3 area network (50 kW or less) radial distribution circuit (10 MW or less)	\$500	
Level 4 less than 10 MW and not Level 1, 2, or 3	\$1,000	

For more information contact
Pepco's Green Power Connection Team

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An Exelon Company

Green Power Connection Interconnection Application Process

	25 business days 35 business days 20 business days = 80 busin	iess days	
	App. Part II Customer App. Part II		
Research	Select Apply Approval Install Inspect Meter Authorization	Operate	
Steps	Actions	Responsible	
1. Research	 Research the various types of renewable energy systems available and decide which system best fits your consumption needs. Renewable energy-generating systems can be sized to meet up to 100% of your energy needs Understand your electrical load and energy consumption history 		
2. Select	Interview and select a reputable installing contractor		
3. Apply	 Understand the documentation needed with the interconnection agreement (e.g., rebate forms, permit applications, inspection forms) Apply and submit Part I of Pepco's interconnection application and agreement along with the supporting documentation. For applicants in the District of Columbia who wish to net meter, a signed D.C. NEM Contract is also required 		
	Applications without supporting documentation will be delayed. You can re-submit a corrected application and documentation Pepco will send contractor or customer an invoice for any application fee	• Pepco	
4. Approval	 Wait for Pepco's Approval to Install before installing any renewable generator equipment Pepco will provide you a written screening result or Approval to Install 		
5. Install	Begin constructing and installing your renewable generator facility		
6. Inspect	 After installation, submit Part II of our interconnection agreement, including a copy of the certificate of completion and the inspection certificate We will review your documentation to verify the interconnection application meets regulatory requirements and the application fee, if any has been paid 		
7. Meter	We will install your net-capable meter		
8. Authorization	We will send you an Authorization to Operate letter		
9. Operate	Receipt of the authorization letter means you can operate your renewable system		

Level 1 Interconnection Application and Agreement, and NEM Contract Part I requires:

- Customer of record contact information (name, mailing and email address, phone numbers)
- Equipment and electrical contractor information
- Facility information (utility and electric supplier serving the facility, utility account number)
- Renewable Generator System Information
 - Inverter manufacturer name and model number
 - Alternating Current (AC) generator nameplate rating
 - System design capacity
 - Generator type (PV, reciprocating engine, fuel cell, etc.)
 - Energy source (solar, wind, hydro, cogeneration, microturbines, etc.)
 - Estimated commissioning date
- Customer's signature
- A single-line drawing of the system and a site map

DC Customer NEM Contract requires:

- Customer of record contact information (name, Pepco account number, address, phone numbers, email address)
- Generator manufacturer name and model number
- Energy or source type (PV, wind, fuel cell, cogeneration)
- Nameplate rating AC or DC (in kW)
- Facility location
- Customer's signature

Part II of the Interconnection Application requires:

- Customer and system information must match the Part I submission
- Certification of Completion
- Inspection Certificate (with clearly identified system type)
- Customer's signature

The Level 2, 3 and 4 Interconnection Application and Agreement requires additional information. See the application for details.

Frequently Asked Questions

Where do I start? Prior to installing or operating a generating facility, customers are required to apply and receive Pepco's written approval. Details are on our website.

How do I apply? Complete and submit the interconnection application at Pepco.com/gpc

Does the net-capable meter measure total generation? No. Generation occurs on the customer side of the meter. Any energy generated is first fed inside the premise for electrical use by the appliances, electronics, lights, etc.

How can I see the amount of electricity I generate? Many systems come furnished with a monitoring device that shows generation. Discuss this with your contractor.

Are there other factors to consider? Yes. Electricity generation will fluctuate based on several factors — clouds, darkness, and dirty or snow-covered solar panels all limit generation. We recommend that you understand how your system will operate under varying conditions. You may still receive a Pepco bill even though you are generating electricity.

Why would my interconnection application to be delayed or denied? Applications will be delayed if required information is incomplete or missing, documents are unsigned, or required fee payment is not received. In some regions, our utility may not have an open circuit, making net metering interconnection unavailable.

Can you recommend a reputable installer? No. We recommend you research and consult with an installer or contractor by using publically available resources. If you work with a contractor, it is your responsibility to ensure they are using the appropriate forms, fees, and documentation throughout the interconnection process.