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 electric 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 interconnection with our system include solar (photovoltaic or “PV”), wind, biomass, anaerobic digestion, fuel cells using renewable sources, qualifying closed circuit hydro-electric, micro-combined heat and power (up to 30 kW), and CHP or cogeneration. See our GPC website for more details.
- *Code of Maryland Regulations* (COMAR) 20.50.09 for Small Generation Interconnection Standards (SGIS) defines the application process Pepco follows.
- COMAR 20.50.10 for Net Metering Authority defines the qualifications for net energy metering in Maryland.

**Application Forms and Fees**

- A fully completed and signed *Maryland Interconnection Application & Agreement* and fee are required. Most residential systems qualify for the Level 1 application; see the Level 2, 3, and 4 application on our GPC website.
- The application is a two-part process. See the back of this sheet for components and requirements of Part I and Part II.
- The application fee must accompany the application and varies by nameplate capacity.
- For customers who wish to feed generation back onto the grid and receive bill credits, a utility-supplied net-capable meter must be installed at the premise. Be sure to indicate your intention on the application.

**NET ENERGY METERING AND SMALL GENERATOR INTERCONNECTION APPLICATION CHECKLIST**

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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. Additional details are on our website.

How can I find out the amount of electricity I will generate? Many systems come furnished with a meter that shows generation, which is separate equipment. Discuss this with your contractor.

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

Why could my interconnection application be delayed or denied? Applications are delayed if required information is incomplete or missing, documents are unsigned, or fee payment is not included. In some regions, our utility may not have an open circuit, making net metering interconnection unavailable. For more details contact our GPC team.

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 decide to work with a contractor, it is your responsibility to ensure they use the appropriate forms, fees, and documentation throughout the interconnection process.

Level 1 Interconnection Application & Agreement Details

Part I requires:
- Customer of record contact information (name, mailing and email address, phone numbers)
- Alternate contact information
- Facility information (address, Pepco account, energy source, prime mover)
  - Type of application (new, addition, or upgrade)
  - Direct Current (DC) and Alternating Current (AC) inverter rating (in kW), and system design capacity
  - Generator and inverter manufacturer name, model number, and rating information
- Equipment installation contractor information
- Electrical contractor information
- Customer’s signature
- Application fee
- Pepco also requires a single-line drawing of the system and site map along with Part I

Part II requires:
- Certificate of Completion
- Customer and system information must match the Part I submission
- Inspection Certificate (with clearly identified system type — solar, wind, etc.)
- Customer’s signature

The Level 2, 3, & 4, Maryland Interconnection Application & Agreement requires additional information. Please see the application form for more details.