



# UNAUTHORIZED SMALL GENERATOR INTERCONNECTIONS

green power  
connection™  
Maryland

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

To interconnect customer-owned small generator facilities to the electric grid, Delmarva Power follows and complies with the *Code of Maryland Regulations (COMAR) 20.50.09 for Small Generator Interconnection Standards (SGIS)*.

## Unauthorized Interconnections

- Include operating equipment that has not passed an electrical inspection or received approval from a local, county or jurisdictional inspector
- Include operating equipment that does not comply with:
  - applicable Maryland regulations
  - IEEE<sup>1</sup> Standards for Distributed Energy Resources
  - UL<sup>2</sup> Certification
- Include generator systems that have been installed or are operating without written authorization from Delmarva Power
- Increase your project costs if the design fails to meet jurisdictional and interconnection requirements

## Potential Hazards

- Endanger Delmarva Power workers, who will not have a record of the system
- Pose a safety risk to the customer, system components, facility, and general public
- Can cause voltage overload problems on the grid, preventing safe and reliable electric service
- Can lead to a cease-and-desist notification
- Can lead to disconnection of electric service

## How Can You Ensure Your System is Authorized?

- **Review, understand, and comply with the regulations and documents discussed herein.** For small generators less than 10 MW, Delmarva Power complies with the SGIS. Delmarva Power prohibits the interconnection of generator facilities that do not comply with these regulations
- **Sign and submit the appropriate documentation and pay the application fee.** If you are interconnecting a small generator, sign and submit the *Maryland Interconnection Application & Agreement* and the application fee. Refer to our *Net Energy Metering and Small Generator Interconnection Application Checklist* for more details
- **Obtain written approval from Delmarva Power.** We will review your application and, once all required components have been received, send you a written screening result or, if Delmarva Power's system can accommodate the generator as proposed, an Approval to Install. Only after you have received the Approval to Install can you start construction. Prior to operating your system, wait for Delmarva Power to send you an Authorization to Operate

For more information or to report unauthorized interconnections contact  
**Delmarva Power's Green Power Connection Team**  
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<sup>1</sup> Institute of Electrical and Electronics Engineers

<sup>2</sup> Underwriters Laboratory