



Green Energy Program Photovoltaic Frequently Asked Questions

1. **I am a Delaware Electric Cooperative Customer. Do I qualify for a grant?**

The Green Energy Program is available to **Delaware Electric Cooperative** residential and non-residential customers who purchase and install a qualifying system within the **Delaware Electric Cooperative** Territory.

2. **What Photovoltaic systems qualify for a grant in the Green Energy Program?**

The Green Energy Program accepts applications for photovoltaic systems that do not exceed \$12 per installed watt.

All photovoltaic modules installed in the Green Energy Program must be certified by a nationally recognized testing laboratory as meeting the requirements of the Underwriters Laboratory Standard 1703. All qualifying grid-connected systems must comply with the Institute of Electrical and Electronic Engineers Standards Board (IEEE) 929, *Recommended Practice for Utility Interface of Photovoltaic (PV) Systems*. Qualifying grid-interconnected systems must comply with Delmarva Power's, *Technical Considerations Covering Parallel Operations of Customer Owned Generation of Less than 1 Megawatt and Interconnected with the Delmarva Power System*.

Qualifying inverters must be certified by a nationally recognized testing laboratory for safe operation and certified as meeting the Underwriters Laboratory Standards 1741-1999, *Standard for Static Inverters and Charge Controllers for Use in Photovoltaic Power Systems*.

All qualifying systems must be installed in accordance with the standards and specification of the manufacturers of the components and in compliance with all applicable electrical, plumbing and building codes.

3. **Will my system have a warranty? Who provides the warranty?**

All qualifying systems must have a warranty for protection of the integrity and performance of the components for at least 5 years. The installation contractor provides the warranty. The installation contractor shall include the warranty documents with the systems operating and owner's manual.

4. **What system components *do not* qualify for the grant?**

Any used or previously installed components are *ineligible* for the Green Energy Program grant and must be subtracted from the system cost prior to calculating the grant.

5. **What components of a photovoltaic system qualify for a grant?**

New and previously unused, photovoltaic modules, the foundation for the modules, mounting or tracking structures, wiring, inverters, and utility

interconnection equipment all qualify for the Green Energy Program grant.

6. What other costs qualify for the grant?

In addition to the system components listed above, the labor costs for the installation of the components, and the cost of required permits and fees for the construction and/or installation of a qualifying system qualify for the Green Energy Program grant. For commercial installations only, the engineering costs associated with the system that do not exceed 10% of the total cost of the system are also eligible for the grant.

7. My system qualified for a special grant from another source. Will this affect the Green Energy Program grant calculation?

Yes. All other incentives associated with the project such as grants, rebates, buy downs, cost sharing or any similar form of financial support (other than the federal tax credit) must be subtracted from the total system cost prior to calculating the grant.

8. The Green Energy Program grant is 50% of the eligible qualifying system costs. Is there a maximum grant amount?

The Green Energy Program grant for a residential photovoltaic system is 50% of the total eligible system costs up to a maximum of \$15,000 for systems not exceeding \$12.00 per installed watt. Non- residential photovoltaic systems are eligible for a 50% grant for qualifying photovoltaic system costs up to a maximum of \$30,000 for systems not exceeding \$12.00 per installed watt.

Sample Photovoltaic Grant Calculation

Total System Cost (from contractor invoice)	\$31,000.00
Less Total Ineligible costs	-\$500.00
	\$30,500.00
Less other incentives	-\$500.00
Total Qualifying System Costs	30,000.00
Grant Multiplier 50%	50%
Amount of Grant Requested	\$15,000.00

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