



Green Energy Fund

Annual Report
2022



What is the Green Energy Fund?

For twenty-three years, the Green Energy Fund (GEF) has been transforming the Delaware market for renewable energy. The GEF was established by the Delaware Legislature in 1999. It is funded by Delmarva Power electric customers who are then eligible to access the GEF for renewable energy projects.

The GEF was created to accelerate deployment of renewable energy systems in Delaware. Why? Because renewable energy:



reduces emissions that are harmful to the environment and human health.



improves energy security.



benefits our local economy.

GEF resources in 2022 were principally used to fund work under the Green Energy Program to help Delaware homeowners, businesses and nonprofit organizations meet their energy needs in a more sustainable way through the installation of renewable energy systems. Qualifying systems include solar photovoltaic (PV) systems, solar water heating systems, small wind turbines and geothermal heat pumps. In addition, GEF resources were also used for its Technology Demonstration and Research & Development programs. These programs provide funding to projects that enhance new and existing renewable energy technologies.



Sources and Uses of GEF Funds

The table below summarizes the funding of Green Energy Program projects in 2022.

2022 Green Energy Program Grants Paid

		Number of Projects	System Capacity	Funding Paid	Leveraged Funds
Residential	PV	473	4.54 MW*	\$2,661,073	\$15,662,104
	Geo**	14	79.3 tons	\$55,110	\$604,110
Commercial	PV	15	.96 MW	\$339,855	\$2,764,719
Nonprofit	PV	4	.34 MW	\$168,076	\$336,152
Totals		506		\$3,224,114	\$19,367,085

DNREC has been successful in using the Green Energy Program to leverage other investments in clean energy systems at \$5.88 of private investment to \$1 of program investment in 2022.

*Megawatts

** Geothermal

Highlights

Since 1999, the Green Energy Program has:

- provided more than \$60 million for renewable energy projects installed in Delaware.
- benefited more than 6,000 Delaware homeowners, businesses and nonprofit organizations.
- supported local jobs at 30 solar installation companies and more than 35 geothermal installers.



Low- to Moderate-Income Solar Pilot Program

The DNREC Low- to Moderate-Income (LMI) Solar Pilot Program is meant to bring renewable energy to a segment of the Delaware population that has historically been underserved by existing state programs and incentives.

Grant funding is available to promote the use of renewable energy in Delaware for low- and moderate-income households. The two-year LMI Solar Pilot Program uses Delmarva Power funds applied toward expansion of solar energy use to customers in their territory. Additional funding became available through a Congressionally Directed Project (CDP) from U.S. Sen. Chris Coons to make the program available to other utility users throughout the state.

There are two different pathways to qualify for receiving a cost-free or reduced-cost solar installation on your home. For low-income households, applications and approvals are obtained through the Weatherization Assistance Program, which serves low-income households with cost-free weatherization. For moderate-income households, applications and approvals are obtained through the Green Energy Program, with applicants specifically requesting the reduced-cost solar installation as a moderate-income household.

- Low-income qualified homes will receive a cost-free solar installation of up to 4.0 kW.
- Qualified moderate-income households will receive a solar installation that has 70% paid for by the LMI Solar Program and 30% by the homeowner for a system size up to 6.0 kW.



COVER

Lower left: New solar PV installation at the Division of State Services in Georgetown

LEFT

New solar PV installation at The Teen Warehouse, Inc. in Wilmington (far left); New solar PV installation at home in Newark

RIGHT

New solar PV installation at a home that participated in the LMI Solar Pilot Program

2022 LMI Solar Pilot Program Grants Paid

	Number of Projects	System Capacity	Funding Paid
Low-Income	3	12 kW*	\$59,000
Moderate-Income	6	35 kW	\$89,000
Totals	9	47 kW	\$148,000

*Kilowatts

Solar contractors available to perform LMI services:

New Castle and Kent Counties		Kent and Sussex Counties
CMI Solar & Electric Braden Kreer bkreer@cmielectric.com 302-731-5556	KW Solar Solutions Rob McGinty Rob@kwsolar.net 302-838-8400	Clean Energy USA Kristin Sivret kristin@ceusa.com 302-227-1337

Contact Us

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Green Energy Fund

