

Energize Delaware Program Updates

Empowerment Grant Program

- Collecting data with Sussex County Habitat for Humanity on the Insulated Skirting for Manufactured Homes project from their 2020-2021 grant
- Finalizing the selection of electric vehicles with the Food Bank as part of the Board approved grant up to \$308,000
- Gathering reports from program recipients to close grants



Affordable Multifamily Housing Program

New Ecology, Inc. (NEI) reported 5 new Existing Building Initiative contracts for energy audits. Work on 1 Direct Install (DI) contract was completed. 4 retrofit projects are underway. Payment requests for 1 DI installation and 2 partial rebates for Existing Building retrofits were submitted, totaling \$38,805. There are 12 active New Construction projects with 3 closing in FY24.

There are currently 19 active projects in Sussex County, 11 in Kent County and 7 in New Castle County.

Challenge EV Grants for Local Governments

\$3.8M of the \$4M Budget has been committed over 19 projects. The Towns of Cheswold and Townsend, along with the Lewes Fire Department have fully disbursed their funds and have vehicles on the road. The City of Dover is nearing completion and also has charging stations and vehicles on the road.



Challenge for Libraries

Georgetown Public Library 99.91 kW solar array is fully installed, and we continue to review additional library applications.

Farm Program

Two poultry farms were incentivized for Energy Efficiency Grants totaling \$106,777. Upgrades included insulation, vent boxes, and tunnel doors.



Pathways to Green Ribbon Schools Program

Mini grants were awarded to 16 different projects totaling \$40,947. Projects ranged from outdoor classrooms, native plant gardens, hydroponics, and solar lights.

Home Performance with ENERGY STAR Program

Our Semi-Annual All Hands contractor meeting will be held on April 17th at Chesapeake Utilities Corporate conference center in Dover. A representative from each of the 74 contractors is expected to be in attendance. Topics of discussion will include program updates, moving forward, and contractor feedback. See charts below for monthly program activity.

HPwES - Assessments													
	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Totals
FY24	427	315	387	299	322	366	201	281					2598
HPwES - Jobs													
	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Totals
FY24	226	116	224	160	469	209	230	254					1888

Home Energy Counseling & Check-up Program (HEC2)



The HEC² program Memorandum of Agreement (MOA) with Delmarva Power has been signed. Delmarva customers will receive an average of \$240 worth of free Direct Install Measures at the time of their appointment. These measures could include LED lighting, Insulated pipe wrap, Smart Power Strips, and Smart Thermostats. Workshops and Community Outreach events are scheduled monthly with participants learning about energy efficiency, the availability of Statewide programs, and how to schedule a FREE energy checkup and counseling appointment.

Photo: New Ark United Church of Christ, Newark, DE January 30, 2024.

Online Marketplace Program

Shop for Energy Saving Products here: [Energize Delaware \(energizedelawaremarketplace.com\)](http://energizedelawaremarketplace.com)

	January	February	Totals
Products Sold	77	313	390
Top Sellers	Nest Thermostat, Bubble Faucet Aerator, Sensi Classic Thermostat	A19 Smart Bulb 2 Pack, 9w LED bulbs, Nest Thermostat	

Pre-WAP Program

Year	Month	Deferrals sent to PreWAP	Pre-WAP Jobs Assigned In Month	Pre-WAP Complete and Sent back for WAP	WAP Completed from Pre-WAP deferral
2023	July	0	0	9	0
2023	August	15	15	10	3
2023	September	10	10	10	16
2023	October	15	10	18	21
2023	November	18	21	13	16
2023	December	9	10	5	16
2024	January	20	18	9	15
Program Year End Totals		87	84	74	87

***DNREC WAP program reopened in August 2023.

Energize Delaware Loan Programs:

Residential Energy Efficiency Loan Program

Applications to date	394	Approved loan Totaling	\$ 4,157,220
Rejected	84	Completed Projects	\$ 4,052,714
Withdrawn	3	Construction Projects	\$ 104,056
Projects Under Construction	6		

Residential Solar Loan Program

Applications to date	779	Approved loan Totaling	\$ 10,981,674
Rejected	32	Completed Projects	\$ 10,290,175
Withdrawn	23	Construction Projects	\$ 665,299
Projects Under Construction	45		



Low-Interest Commercial Loan Program – The loan committee met on March 1st and reviewed 5 loans. 4 of the loans were approved for just over \$1.4 M equating to 500 kW of solar installations.

Research and EM&V Activities:

Energy Savings Performance Contracting Program Evaluation – For the process evaluation, we have scheduled 90% of the interviews. For the impact evaluation, we have completed the data check, and are ready to move on to identify any discrepancies between guaranteed and verified energy savings.

Revamping the database – After a meeting with Energy Orbit’s Chief Strategy Officer, we agreed an updated quote was necessary to normalize our central database. We will be moving from their utility DSM model to a database framework.

M&V and reporting– We completed and submitted the RGGI Inc., report and the Federal Research and Development report. We updated DESEU’s program portfolio records with the Energy Efficiency Advisory Council (EEAC) and trained new staff members from program implementors on Energy Orbit. We also redesigned the data visualization section of our annual report.

Program	2024 YtD Projects Counts	2023 Projects Counts	2024 YtD Annual GHG Abatement (metric tons)	2023 Annual GHG Abatement (metric tons)	2024 YtD Energy Savings (MMBtu)	2023 Annual Energy Savings (MMBtu)	2024 YtD Cost Savings	2023 Energy Cost Savings
Online Marketplace	115.0	909	29.7	401	201	3,893	\$ 7,671	\$ 78,051
Energy Assessments for Non-profits (Implemented)	1	22		1,000		10,860		\$ 172,818
Energy Assessments for Non-profits (Potential)	4	28	63	1,219	515	11,806	\$ 15,349	\$ 401,384
Pathway to Green Schools (Potential)	0	5		1,034		7,644		\$ 208,167
Residential Solar Loans	39	180	282	1,234	1,910	8,367	\$ 72,769	\$ 318,780
Affordable Multifamily (Potential)	0	16		372		3,132		\$ 197,271
Affordable Multifamily (Implemented)	1	12	0	327	-	2,159	\$ -	\$ 107,755
Revolving Loans (new loans in repayment)	0	13		1,282		9,535		\$ 278,374
Home Performance	1,423	7,172	3,161	5,254	20,858	70,215	\$ 248,013	\$ 497,918
Jobs	941		2,206		20,686		\$ 242,449	
Audits	482		955		172		\$ 5,564	
HEC2	41	219	4.57	48	41	370	\$ 913	\$ 6,831
Farm	2	1	152	14	2,437	221	\$ 111,902	\$ 3,290
Pre-WAP	20	160		-		-		\$ -

- 1) All program reported YtD as Jan & Feb of 2024, with 1 exception. PreWAP project counts are for Jan 2024.
- 2) Solar loan incentives refer to the loan amount, the cost saving is calculated as \$0.13/kWh.
- 3) There are no new projects completed in CPACE, ESPC in CY 2024 so far.
- 4) There are no new assessments conducted in both Pathway to Green Schools and Affordable Multifamily Programs.
- 5) Partial incentives have been awarded for one project in Affordable Multifamily, so there are no energy savings to be reported yet.
- 6) Farm program energy savings are modeled energy savings reported based on the measures they installed.