



AFFORDABLE SENIOR COMMUNITY HOUSING:

Aigburth Vale, Towson, MD

Overview

Aigburth Vale, located in Towson, Maryland, provides affordable, independent living for low-to-moderate income seniors. The building is owned by St. Ambrose Housing Aid Center, Inc., Baltimore's oldest nonprofit housing agency. The building has a rich history; built in the 1868 and renovated for affordable housing in 1999. Seventy seniors call Aigburth Vale home.

GRID Alternatives Mid-Atlantic installed a solar PV system that covers part of the common area power consumption. The cost savings assist St. Ambrose in preserving the affordability of rent and make significant upgrades to the facility, including new kitchens and handicap accessible bathrooms for all units, new HVAC systems, and a new common area library.

Partnership

This project is the result of a direct partnership between GRID Alternatives Mid-Atlantic and St. Ambrose Housing Aid Center, made possible through a Maryland Energy loan.

Community Impact



System Size: 75 kW (DC)

Lifetime Savings: \$200,000

Lifetime CO2 Savings: 2,000 tons

Equivalent of trees planted: 45,500



Helping People Live Affordably

The 75 kW system provides savings that allowed St. Ambrose to make significant upgrades to Aigburth Vale, including:

- New roof
- Back-up generator
- Battery storage system
- Handicap accessible bathrooms in each unit
- Energy efficient kitchen appliances for each unit
- New HVAC systems for each unit
- Exercise equipment for the gym
- Refurbished common area library

These upgrades will improve the quality of life for the Aigburth Vale residents and allow St. Ambrose to maintain the affordability of the complex.

Resiliency for a Historic Building

Built in 1868, the mansion has been used as a High School, City administrative offices, and a private mental hospital. In 1999, it was bought by St. Ambrose and converted to provide much needed affordable senior housing in the County.

A battery storage system has been installed to store enough energy to run the elevator, refrigerator, and select common area outlets during power outages. This allows St. Ambrose to provide much needed services to the seniors, even when electricity isn't flowing from the grid.



About GRID Alternatives Mid-Atlantic

GRID Alternatives Mid-Atlantic is an affiliate of GRID Alternatives, a national leader in making clean, affordable solar power and solar jobs accessible to low-income communities and communities of color. Using a unique, people-first model, GRID develops and implements solar projects that serve qualifying households and affordable housing providers, and offers solar education and hands-on job training to help people jumpstart their solar careers. Our work brings together affordable housing organizations, job training groups, government agencies, municipalities, utilities and local communities to make solar a win for everyone.



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GRID Alternatives is a nonprofit organization whose mission is to make renewable energy technology and training available to underserved communities. Our vision is a successful transition to clean, renewable energy that includes everyone.

DC license number 420214000145.