

HVAC Systems: NJ Energy Program

Project: Ocean City Baptist Church

An extensive HVAC and lighting efficiency opportunity for this historic, century-old building, which qualified for a South Jersey Industries energy efficiency incentive covering 75% of the installed equipment cost.

Background

Located in Ocean City, New Jersey, Ocean City Baptist Church is an iconic 1920's-era building in this seaside community. Often pictured on local postcards and prints, the Church was constructed in 1926 – 1927 with a building addition in the mid-1960's. Consisting of a large, multi-level congregational area, as well as common areas, nursery, and kitchen, the Church was challenged by aging, inefficient heating and air conditioning equipment.

CM3 conducted a detailed site assessment of the HVAC equipment and partnered with CMC Energy to assess the lighting. Through this process, CM3 identified which equipment needed to be replaced and which replacements would qualify for incentives through South Jersey Industries Clean Energy Program.

Results

Under the Clean Energy Program, Ocean City Baptist Church was able to obtain two new rooftop units, a split system, two gas-fired boilers, programmable thermostats and demand control ventilation, along with nearly 150 new LED lights.

With an original replacement cost of \$302K, Ocean City Baptist Church qualified for nearly \$228K in energy incentives which covered 75% of the total cost. Additionally, the Church opted for the on-bill financing option provided by South Jersey Industries, which enabled the Church to pay for the remaining 25% at 0% interest over 5 years – this amounted to just \$1200 per month!



About the Program

The Small Business Direct Install Program from the New Jersey Clean Energy Program is designed to help small organizations use less energy and save more on their utility bills. The program is particularly relevant to schools, faith-based organizations and small businesses, because participants in this program must have an annual electric demand of 300kW or less.

The program covers a significant percentage of the upfront cost to install the recommended energy efficiency measures which include:

- » LED lighting and lighting controls (interior, exterior)
- » HVAC upgrades and controls
- » Building automation controls
- » Refrigeration equipment
- » Motors and variable frequency drives
- » Efficient water heating measures

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The Clean Energy Program through South Jersey Industries is essential in allowing smaller organizations to achieve greater energy efficiency while also improving overall comfort and addressing aging equipment issues. Often, our customers can get up to 70% of the installed costs covered through the rebate program.

- Pat Hannigan

CM3 HVAC & Mechanical Services

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CM3 was a pleasure to work with. They were professional and completed the project quickly. They saved us money on the boilers and AC units.

- Jamie Anderson

OC Baptist Church Student Ministries Pastor

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