



St. Matthew's Episcopal Church

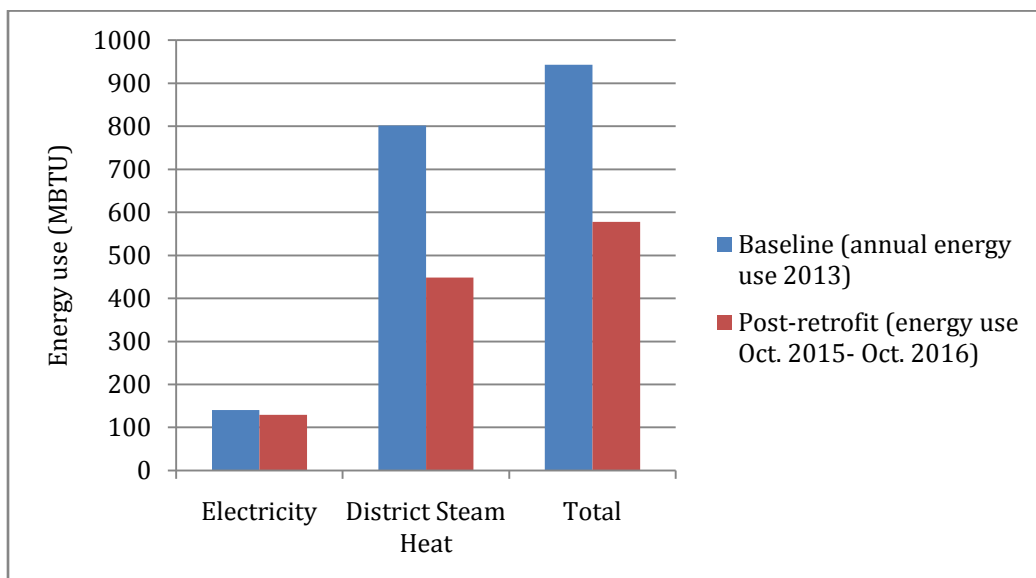


Auditor: Wisdom & Associates, Inc.

Audit date: August 2015

Nonprofit summary

St. Matthew's participated in the pilot program with two buildings, the church and the rectory. After receiving an audit on the rectory, along with a separate assessment of other needed repairs, St. Matthew's decided it was not worth retrofitting the building and demolished it in Fall 2016. They completed many of the most cost-effective recommendations for the church, including installing programmable thermostats and a lighting retrofit.





Retrofit costs

Level I audit cost: N/A

Level II audit cost: \$4,175

Predicted retrofit cost: \$90,943

Actual retrofit cost: \$1,878

Notes: St. Matthew's did not pursue some recommendations for the church due to their payback periods being greater than 25 years. The actual cost of the retrofit is also lower than predicted because St. Matthew's utilized volunteer labor for the some of the retrofits.

Energy savings

Annual Consumption	Baseline	Post-retrofit	Notes
Monetary	\$17,093	\$15,731	Baseline energy use is annual use in 2013 for the facility. Post-retrofit energy use is from October 2015 to October 2016.
Electricity	41,247 kWh (141 MBTU)	37,950 kWh (130 MBTU)	
District Steam Heat	802 MBTU	448 MBTU	
Total Energy	942 MBTU	578 MBTU	
Annual Savings	Modeled	Post-retrofit	Notes
Monetary	\$7,504	\$1,362	
Electricity	17,349 kWh (59 MBTU)	3,297 kWh (11 MBTU)	
District Steam Heat	396 MBTU	354 MBTU	
Total Energy	455 MBTU	365 MBTU	

Non-energy changes

Building occupancy: No change.

Building use: No change.

Occupant comfort: No change.

Nonprofit services: No change.