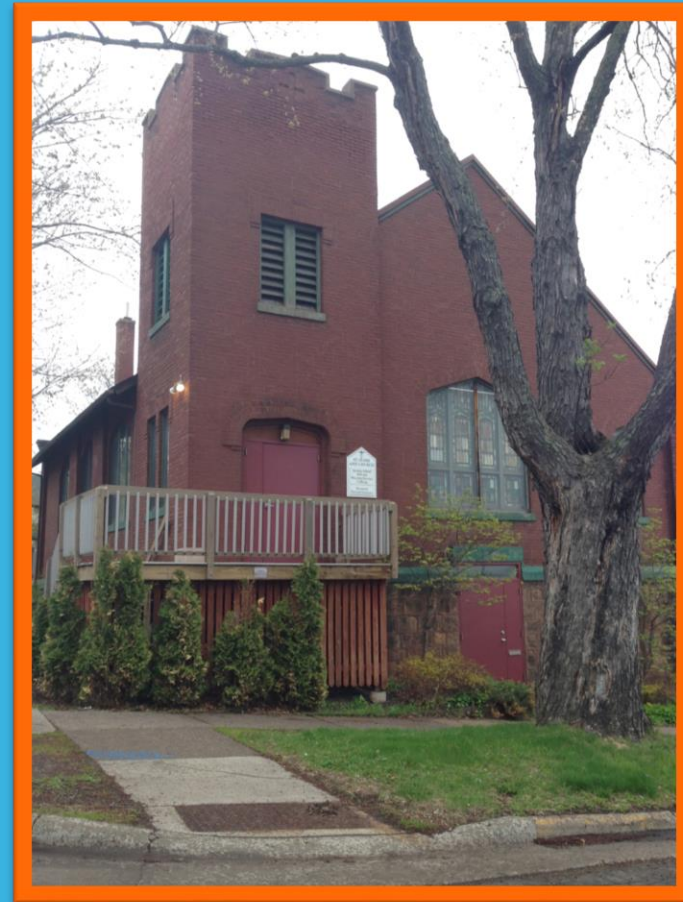


BOISSEY JOHNSON

ST MARK'S AFRICAN METHODIST EPISCOPAL CHURCH

AN ENERGY STORY



ST. MARKS AME CHURCH



CONGREGATIONAL EFFICIENCY PILOT

MN POWER, COMFORT SYSTEMS, & ECOLIBRIUM3,

- The goal of the program was to engage members of faith communities in energy efficiency and savings in their worship, communal facilities and at home.
- In exchange for congregational members completing 15 home energy audits, their church would receive a building audit & \$1,000 - \$2,000 for energy efficiency projects.
- Residential energy in the overall program savings resulted in 69,936 kWh
- St. Mark's was one of 3 congregational churches to participate in the program.



A CHALLENGE & AN OPPORTUNITY

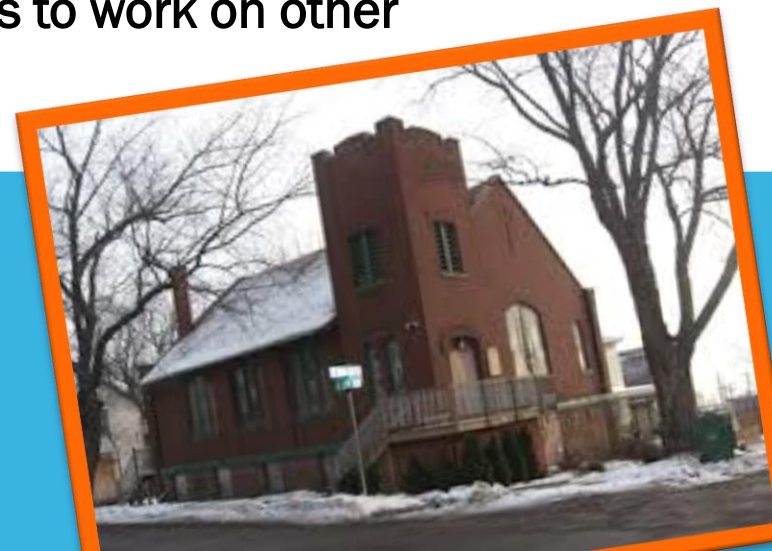
ST. MARK'S AME CHURCH

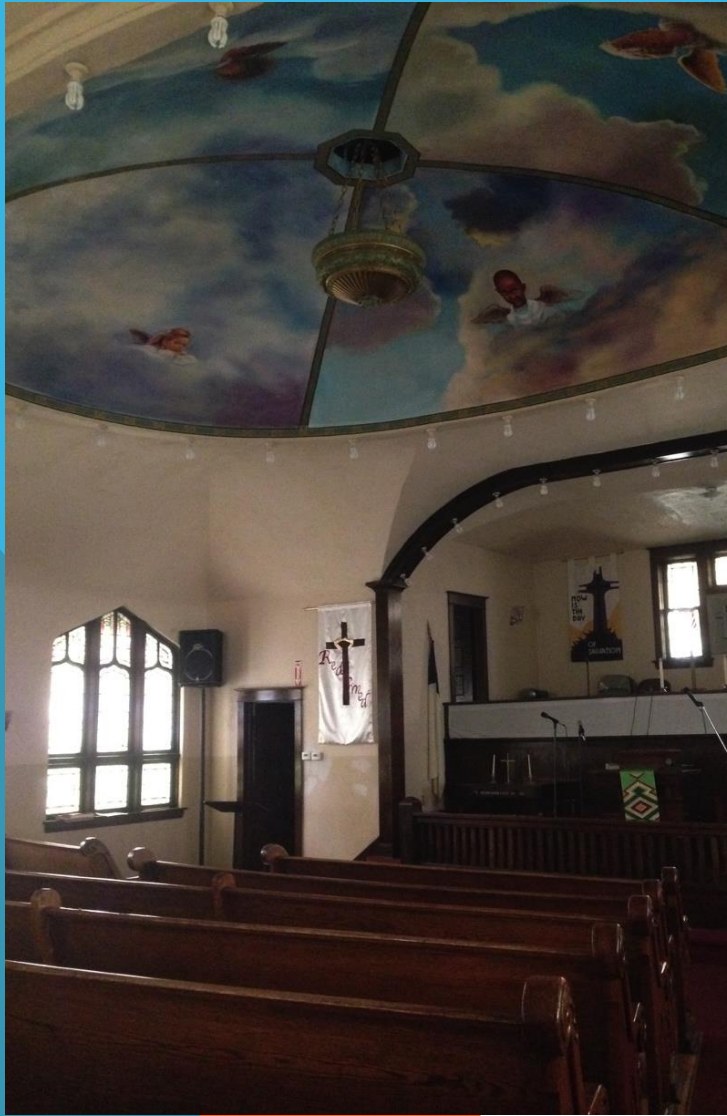
- St. Mark's is a small congregation in a neighborhood community, where few members own their own homes.
- Getting enough home energy audits to reach the grant level was a challenge.
- However, a number of other local churches donated their home energy audits, to help St. Marks' qualify for the grant.
- As a result, St. Mark's received \$1500 from MN Power and Comfort Systems for energy efficiency improvements



ENERGY EFFICIENCY IMPROVEMENTS AT ST. MARK'S

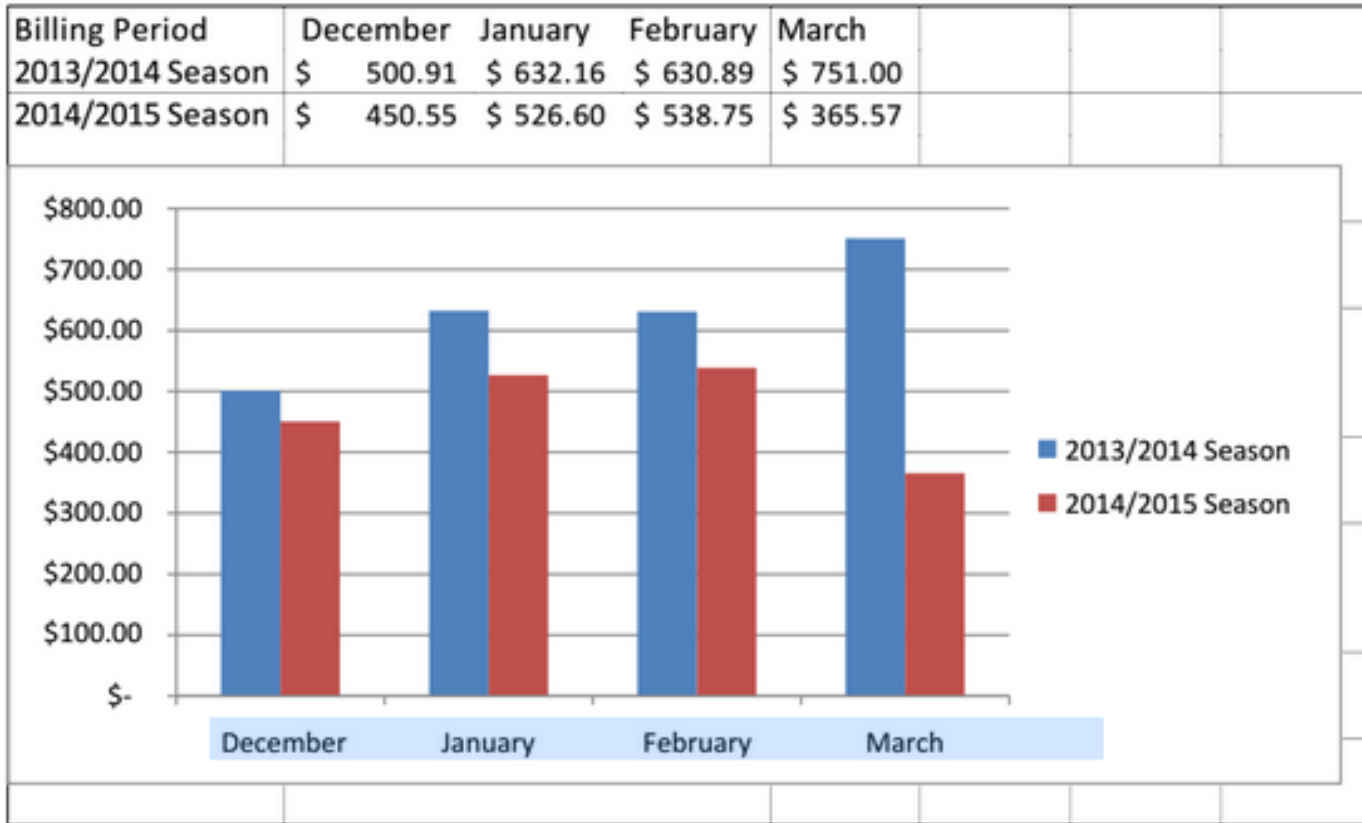
- **Lighting:** replacing T12 florescent lighting to 28 watt T8, replacing compact florescent blubs (CFL's) with longer lasting, more efficient LED's
- **Cooling:** Replacement of air conditioner with more energy efficient model
- **Appliance Upgrades:** Consolodation of freezer/refrigerator units, and upgrading to ENERGYSTAR rated appliances
- **Weatherization:** Replacement of door, caulking and weather stripping
- **On-Going Improvements:** St. Mark's continues to work on other recommended projects for







ST. MARK'S ENERGY SAVINGS



**HEATING COMPARISON:
2013/14 – 2014/15**