



Energy Efficiency in Detroit Houses of Worship 2011-2012



DETAILS:

- Pilot program partnership with DTE Energy



- 48 HoW participants
- Many building sizes & ages
- Denominations included:
Baptist, COGIC, Catholic,
Protestant, Muslim, & UCC
 1. Energy assessment
 2. Direct install products
 3. Savings tracking



Products-Basic & Inexpensive





HoW Pilot-Savings Data Results



Nov. 2011-Nov. 2012	Annual Energy Cost	Electric (kWh)*	Natural Gas (therms)*	EUI (kBtu/sq.ft.)
Total Savings (43 HoW)	\$104,325.59	98,229.00	131,207.70	208.40
Average Savings (43 HoW)	\$2,371.04	2232.48	2981.99	4.74
Percentage Savings (43 HoW)	11.44%	4.91%	18.85%	5.56%

*Note: kWh and therms are reported as actual numbers, they are not weather normalized. EUI demonstrates weather normalized energy usage intensity (EUI).

96% of the total project cost was paid back through energy savings within one year



Additional Outcomes-



So far, 33% of our HoW participants have taken the EPA Portfolio Manager software training to facilitate future tracking of their utility bills



Six of our HoW participants applied for the ENERGY STAR® Building Certification-their energy usage scores were better than 75% of the HoW in the country