



**MEMORANDUM**

**TO:** Low Income Consumer Advisory Task Force  
**FROM:** Liz Jambor, Customer Energy Solutions  
**DATE:** August 21, 2015  
**SUBJECT:** Comparison of Energy Savings for AC versus No AC Replacement

A question was posed by the Low Income Consumer Advisory Task Force concerning the energy savings differences between weatherized homes that had the air conditioner (AC) replaced as compared to homes that did not. The table below compares homes completed in 2013 when AC replacement was part of the weatherization measures. The sample size is extremely small, given the transitory nature of the population. Any extrapolations beyond the current data should be made with extreme care.

As indicated by the data in the table, there was greater savings for homes with an AC replacement. However, this savings came at a greater cost per kWh. For this small number of homes, there is greater savings for the customer at a greater cost to the utility.

	Number of Customers in Continuous Residence	Mean kWh Saved	Mean Improvement Cost	Dollars per kWh Saved
AC Replacement	5	1,666	\$6,409.25	\$3.85
No AC Replacement	15	1,201	\$2,400.99	\$2.00