

Associated Electric Cooperative, Inc. (AECI) a unique organization is owned by and provides wholesale power to six regional generation and transmission cooperatives. In turn, these six regional generation and transmission cooperatives are owned by and provide wholesale power to 51 local electric cooperatives systems in Missouri, southeast Iowa and northeast Oklahoma that serve nearly 900,000 customers.

In 2007, Associated had studies done to identify potential energy efficiency program measures for their members. Based on the findings, the energy efficiency initiative “Take Control & Save” was launched in early 2008 with an annual budget of \$5.3 Million. Associated will spend \$31.2M over a six year period on the program” with a goal of saving 1.9 megawatt-hours (MWh) by 2032.

The program includes home energy audits; weatherization incentives; appliance; heating and cooling rebates; distribution of compact fluorescent light bulbs (CFLs); pilot projects; and educational seminars.

In 2008, Associated jump-started the “Take Control & Save” Program and spent \$6 million to achieve an annual energy savings of nearly 54 million kWhs or \$3.7 million cost savings for a payback of 1.62 years!

During the first 9 months of the program, \$3.3 million was spent on the “Switch Bulbs” lighting program. This program distributed 1.7 million compact fluorescent bulbs with an expected life of three years saving 53,414,248 kWhs annually.

In the first six months of the program, the “Bonus Savings” appliance program saved a total of 324,239 kWhs.

<b>Residential Program Measures</b>	<b>kWhs Saved Annually</b>
Compact Fluorescent Bulbs	53,414,248
ENERGY STAR Clothes Washers	206,706
ENERGY STAR Dish Washers	31,069
ENERGY STAR Room Air Conditioners	7,008
Hi-Efficiency Water Heaters	79,456
<b>Total:</b>	<b>53,738,487</b>

In less than a year, the “Take Control & Save” Program has saved 53,738 MWh and avoided 38,000 tons of CO<sub>2</sub> emissions, or an amount equivalent to removing 8,000 cars from U.S. roads.

This important Midwest cooperative utility initiative designed to take advantage of cost-effective energy efficiency measures has proven to be a great success in just a few short months!