



Northeast Region

Final Measurement Update January 1 – September 30, 2011
 Baldwin City, Gardner, Ottawa, Paola

- 144 Efficiency Kansas residential energy audits in and 1 completed EK project www.energycanada.com have been approved
- Together all five communities have switched 58,204 incandescent bulbs with more efficient compact fluorescents (CFLs) registered at www.takechargekansas.org
- 65,010 residents reached by leadership team members through 142 events and presentations
- The changes residents have made in their homes are projected to save them more than \$284,266 in natural gas costs and in electricity savings

To further put the energy savings into perspective, consider what the Northeast Region’s gas and electricity savings equates to:

- 233,785 gallon’s of gasoline
- 54,471 trees planted
- 409 cars off the road

Baldwin City was named the overall Northeast Region Winner winning categories 1 and 2

Category 1 Whole house retrofits (per capita MMBTU)			Category 2 Other EE measures (per capita MMBTU)			Category 3 % of Community engagement		
1	Baldwin City	0.1836	1	Baldwin City	0.5526	1	Paola	596.05%
2	Paola	0.0849	2	Paola	0.3578	2	Baldwin City	310.25%
3	Gardner	0.0538	3	Ottawa	0.2563	3	Gardner	78.14%
4	Ottawa	0.0158	4	Gardner	0.0960	4	Ottawa	43.00%

1. Whole-house energy efficiency -- Efficiency Kansas energy audits and completed projects (www.energycanada.com), low-income weatherization. EK Audits and EK completed projects are measured at 50% and 100% respectively of estimated gas and electric savings from the Energy Conservation Plan, converted to MMBTU’s and divided by the community’s population to get a MMBTU per capita number.

2. Lighting changes and other energy efficiency measures -- switching to energy-efficient light bulbs, small business retrofits, etc. Efficiency measures converted to MMBTU’s and divided by the community’s population to get a MMBTU per capita number.

3. Community involvement -- public education and outreach. Measured by the number of people attending approved outreach events divided by the community’s population.

275,000 Kansans Save over \$2.3 Million Annually

The Climate and Energy Project and the Kansas Corporation Commission (KCC) congratulated the Take Charge Challenge communities of Baldwin City, Colby, Fort Scott, and Manhattan as winners of four regional \$100,000 grants for efficiency or renewable energy projects. These grants are provided by the Kansas Corporation Commission, using some of the Recovery Act funding they received from the Department of Energy. These winning communities have been part of a nine-month, 16-community competition to save energy and money for Kansans.

Governor Brownback awarded Lawrence with the Take Charge Challenge basketball he signed at the kick-off event in January at Cedar Crest. Lawrence saved more total energy than any other participating community and was congratulated for their success.

Dorothy Barnett, executive director of the Climate and Energy Project, stated, "These true competitors worked hard to connect with neighbors and friends to distinguish their communities as leaders in energy and money savings. Their hard work will benefit these towns for years to come."

In total, the communities of the Take Charge Challenge saved:

- 110.2 billion BTUS of gas and electricity with an annual value of \$2,341,025;
- 22 million kilowatt hours of electricity
- 19,002 barrels of oil from being imported
- 22 million pounds of CO2 emissions from being released.

Patti Petersen-Klein, executive director of the Kansas Corporation Commission, thanked the communities for their hard work. "You have done a tremendous job of educating your communities—from grade school students to senior citizens—about small changes that can have a big impact on energy savings."

"The 16 Take Charge communities made a dramatic impact on energy consumption in Kansas. The leadership teams and volunteers exceeded every expectation," commented CEP Board Chair, Nancy Jackson. "In nine months or 270 days these communities held over 1,000 events and programs involving over 404,000 Kansans. That is an average of 4 events a day. That's a lot of talk about energy efficiency."

"One goal of the Challenge was to demonstrate the program's effectiveness in all types of communities, both rural and urban and with all types of utility partners: municipal, cooperative and investor-owned utilities. We did just that," shared Barnett. "From our largest participating community, Lawrence, with a university and urban population, to Hoxie in northwest Kansas, with a population of 1,082 – all of the communities achieved success, thanks in large part to the outstanding support of their utility partners."

The success of this program is garnering national attention for the state of Kansas as a leader in innovative energy efficiency programs. In 2010, Take Charge was featured in a Lawrence Berkeley Lab's (LBL) report on energy efficiency as well as a front-page story in the New York Times. The continued success of the Take Charge Challenge was the focus of a recent LBL documentary entitled "Common Ground." Take Charge was the only non-utility energy efficiency program to be included in a soon-to-be-released report by the Smart Grid Collaborative. In addition, Take Charge has captured the attention of the producers of "Earth, the Operator's Manual," and will be featured on PBS in 2012.

"All of the communities who participated in this year's Challenge came together around a common cause: changing energy efficiency from sacrifice to an everyone wins mentality," stated Barnett.

The Kansas Corporation Commission (KCC) awarded \$1.2 million in American Recovery and Reinvestment Act (ARRA) grants to fund this year's Take Charge! Challenge.