

Rural Grocery Energy Program

Economic Development at the KCC



Energy Division Focus

- **Reducing Taxpayer Burden**
 - Public facilities are saving over \$20 million annually through the Facility Conservation Improvement Program (FCIP)
 - Added new partners – 15 Energy Service Companies compared to 10 in FY 2013
 - Over \$160 million in improvements in higher education; more than \$50 million in USDs
- **Educating Kansans about our vast energy resources**
 - Kansas Energy Expo to debut at the 2014 Kansas State Fair
 - Road Show to compliment Energy Division programs
- **Strengthening Kansas Small Businesses**
 - Provided 4 rural grocery stores and 2 business incubators energy grants
 - Performing 15 rural grocery store energy audits in FY 2014
 - Teaming up with KSU's Rural Grocery Initiative to provide more resources

Goal of the Program

- Provide in-depth look at energy use and recommendations to save money
- Reduce operational costs and prioritize limited capital
- Create better access to federal grants (USDA, DOE)
- Identify the importance of energy costs in economic development initiatives

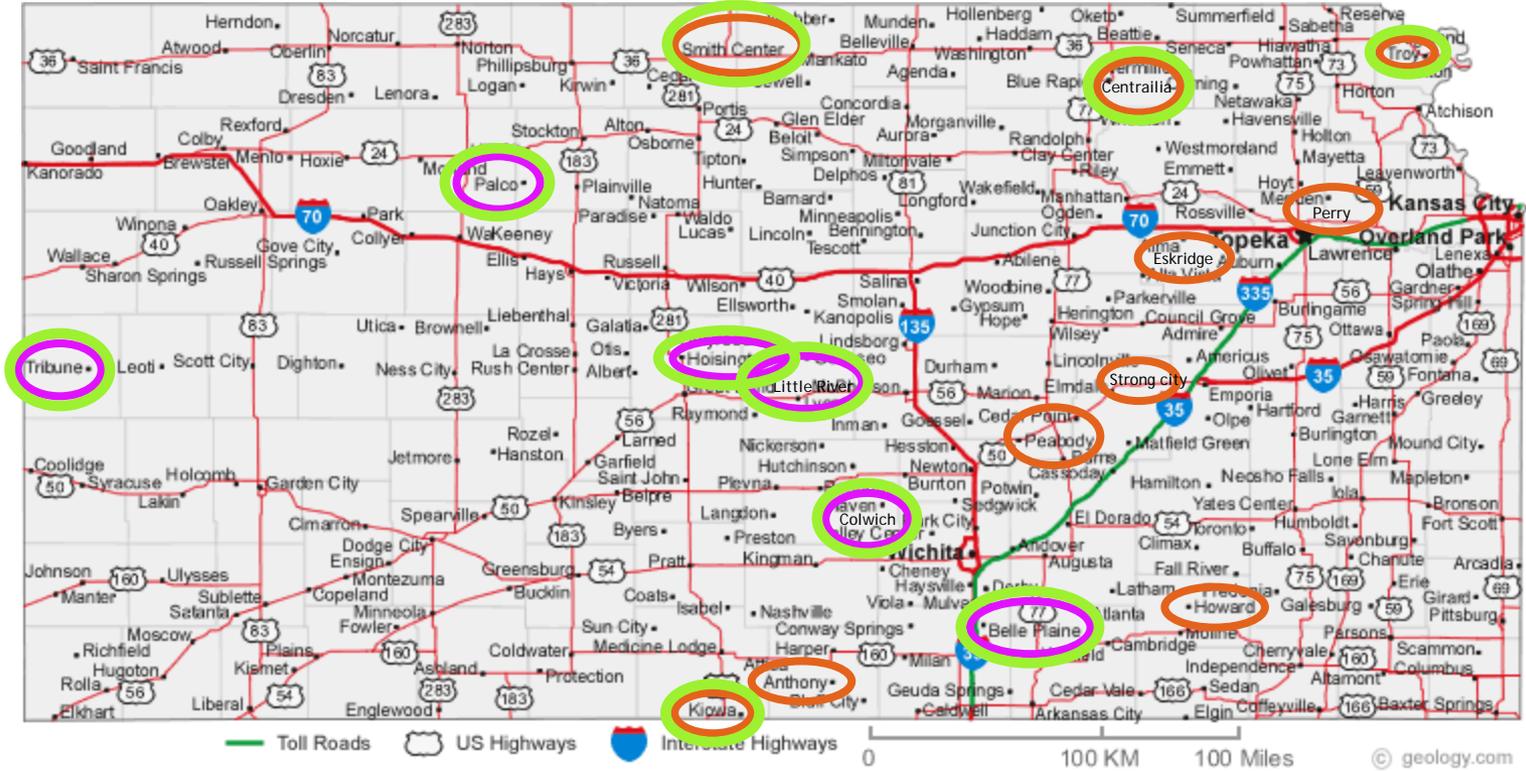
The Pilot

- 2013
 - Identified 4 grocery stores for audits and grants
 - KSU Students performed energy audit (energy efficiency and renewable)
 - Report provided to KCC, energy project selected, grant funds awarded
 - Stores completed projects, received reimbursement from KCC
- 2014
 - Issued a request for applications for free energy audit to grocery stores
 - Worked with KSU's Rural Grocery Initiative to publicize
 - Received and scored 16 applications

The Initial Results

- 10 scored as Energy Star eligible (Score of 75 or greater)
- 6 scored as needing improvement
- Selected 10 lowest-ranked stores to receive full audits
- Remaining 6 stores will receive a walkthrough analysis

Applications Received



Orange circle: Full Energy Audits
Purple circle: Walkthrough Analysis

Green circle: EnergyStar® Certification eligible

The Audit

- Audits performed by Energy Office staff
- Examined lighting, refrigeration, thermal boundary



6/11/2014

Kansas Corporation Commission

Energy Audit Report

Energy Audit Report
Haverkamp Grocery and Tackle Shop
Centralia, Kansas



Small Business Energy Program
 Energy Division, Kansas Corporation Commission
 1500 SW Arrowhead Road, Topeka, KS 66604

Basic Food Service Energy Audit - (pre site visit section)										
Property Name		Street Address			City		State	Zip Code		
Haverkamp Grocery		112 John Riggins Ave.			Centralia		KS	66415		
Primary Email Address		Properties' Primary Function			Number of Buildings		How Many	Construction Status		
tginu@yahoo.com		Supermarket/Grocery Store			More than one building		2	Existing - building is built		
Property Country	Property Built Year	Gross Floor Area (no parking included)		Unit of Measure	Percentage of Floor Area that's Occupied		Property has a Lighted Parking Lot?		Wkly Hrs Operation	
U.S.	1978	7,098		Sq. Ft.	100%		No		67.00	
Number of Workers on the Main Shift		Number of Computers	Number of Registers	Cooking Facilities?	Number of refrigerator or freezer display cases		Number of walk-in refrigerator/freezers		ESPM Score	
				Yes					86	
% Building Cooled	% Building Heated	Electrical Meter(s) ID or Account Number(s)		Gas Meter(s) ID or Account Number(s)		Water Meter or Account Number(s)		Energy Star Portfolio Manager Project Number		
100%	100%							990565		
	Start Date	End Date	Usage	Cost	Estimated?	Select the Type of Meter		Electric	Avg. cost	
Month 1	12/30/2012	1/30/2013	20000	2018.90	FALSE	Comment		kWh=	0.0945	
Month 2	1/30/2013	2/28/2013	22400	2014.75	FALSE					
Month 3	2/28/2013	3/30/2013	21600	1846.31	FALSE					
Month 4	3/30/2013	4/30/2013	20000	1831.52	FALSE					
Month 5	4/30/2013	5/30/2013	20800	1868.17	FALSE					
Month 6	5/30/2013	6/30/2013	20880	1886.97	FALSE					
Month 7	6/30/2013	7/30/2013	26320	2514.74	FALSE					
Month 8	7/30/2013	8/30/2013	28000	2771.93	FALSE					
Month 9	8/30/2013	9/30/2013	27200	2436.80	FALSE					
Month 10	9/30/2013	10/30/2013	28800	2653.95	FALSE					
Month 11	10/30/2013	11/30/2013	27200	2842.53	FALSE					
Month 12	11/30/2013	12/31/2013	21600	2231.21	FALSE					
	Start Date	End Date	Usage	Cost	Estimated?	Select the Type of Meter		Gas	Per Mcf	
Month 1	12/30/12	1/30/13	65.5	555.82	FALSE	Comment		Cost=	9.1923	
Month 2	1/30/13	2/28/13	76.8	658.53	FALSE					
Month 3	2/28/13	3/30/13	68.1	567.34	FALSE					
Month 4	3/30/13	4/30/13	62.1	528.4	FALSE					
Month 5	4/30/13	5/30/13	38.8	364.73	FALSE					
Month 6	5/30/13	6/30/13	15.8	182.5	FALSE					
Month 7	6/30/13	7/30/13	4	76.14	FALSE					
Month 8	7/30/13	8/30/13	2.1	58.79	FALSE					
Month 9	8/30/13	9/30/13	2.8	63.25	FALSE					
Month 10	9/30/13	10/30/13	3.4	68.08	FALSE					
Month 11	10/30/13	11/30/13	15.8	172.27	FALSE					
Month 12	11/30/13	12/31/13	49.4	473.34	FALSE					
	Start Date	End Date	Usage	Cost	Estimated?	Select the Type of Meter		Water	Avg. cost	
Month 1	11/30/12	41273	5000	32.45	FALSE	Comment		Gals=	0.0061	
Month 2	12/30/12	41304	5000	32.45	FALSE					
Month 3	1/30/13	41333	5000	32.45	FALSE					
Month 4	2/28/13	41363	6000	35.94	FALSE					
Month 5	3/30/13	41394	7000	39.43	FALSE					
Month 6	4/30/13	41424	7000	39.43	FALSE					
Month 7	5/30/13	41455	6000	35.94	FALSE					
Month 8	6/30/13	41485	7000	39.43	FALSE					
Month 9	7/30/13	41516	5000	32.45	FALSE					
Month 10	8/30/13	41547	6000	35.94	FALSE					
Month 11	9/30/13	41577	5000	32.45	FALSE					
Month 12	10/30/13	41608	6000	35.94	FALSE					

Potential

- Continue with grocery store audits using the already-established network
- Solicit community-wide applications – spend several days in each community performing as many business audits as possible
- Provide tool-kit to grocery store owners to do self-assessments
- Develop startup guide for new businesses coming to Kansas, particularly in coordination with the Rural Opportunity Zones

Questions?

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