

Kansas Energy Office

Establishing Benchmarks at Public Facilities

NAESCO Mid Year Conference

Austin, Texas

May 19, 2005



Kansas FCIP Program

- Facilities Conservation Improvement Program
- Authorized under KSA 75-37,125 (Apr,2001)
- Mandate: “Address Kansas’ energy issues”
 - ◆ Revitalize states energy conservation program
 - ◆ Address agencies failing infrastructure
 - ◆ Streamline to encourage use
 - ◆ Fund without any additional tax dollars
 - ◆ Help return Kansas to energy exporter status



Kansas FCIP Program

- Program Features

- ◆ Master Contracts for Audits and Construction
- ◆ Fixed Fees for Audits
- ◆ Fixed Markups for Contracts
- ◆ Pre-negotiated partnerships with ESCO's similar to DOD Super-ESCO program
- ◆ Rapid implementation



Kansas FCIP Program

- State Results

- ◆ 21 Projects <\$500K to >\$20M
 - Department of Corrections
 - Social and Rehabilitative Services
 - Board of Regents - Universities
- ◆ ~ \$80 Million construction completed
- ◆ ~ \$8.5 Million avoided op costs



Kansas FCIP New Frontier

- FY 05 FCIP Moved to KCC
- New mandate: “Address *other* Gov’t needs”
- Municipalities
 - ◆ Cities
 - ◆ Counties
 - ◆ K-12 School Districts
 - ◆ Community Colleges
 - ◆ Technical Schools



Kansas K-12

- 302 districts of all sizes and shapes
- Total Annual Expenditures of ~\$3 Billion
- Capable of Generating ~\$600 million of:
 - ◆ Economic infusion
 - ◆ Infrastructure improvement
 - ◆ Energy import reduction



Why Benchmark

- Operational costs range from 4.64 to 19.69 percent of total expenditures
- Smallest district enrollment of 33
 - ◆ Savings opportunity of \$83k over 20 years
- Largest district enrollment of 45,453
 - ◆ Savings opportunity of \$60M over 20 years



Benchmark for Results

- In order to deliver the desired results, you must determine *with accuracy* not only your target, but your launch point as well.
 - ◆ No good solution will come from bad data
 - ◆ Measuring tools must be applied consistently
 - ◆ Measuring tools must be accurate enough for the job and no more so.
 - ◆ The results must be clear and concise.



Benchmarking Tools

- Benchmarking Tool Requirements
 - ◆ Standardized
 - ◆ Web Based
 - ◆ Allow peer analysis comparison
 - ◆ Rank opportunity analysis
- ENERGY STAR Portfolio Manager
 - ◆ Achieves all our needs
 - ◆ Has support
 - ◆ Price is right!



Kansas Benchmarking Plan

- Hire & train intern for benchmarking.
- Attend school district meetings and get the word out about Portfolio Manager.
- Benchmark 100 *OR MORE* K12 schools by 01/06
- Use ESCO resources for benchmarking
- Initiate FCIP process to begin ESPC's
- Benchmark ALL remaining K12 schools by 01/07



Results Expected

- A sense of accomplishment
- Incentive to improve
- A measure for the future
- Community awareness
- Stewardship
- A prioritized list of potential energy conservation projects



Kansas Energy Office

Dale L. Worley, C.E.M.

FCIP Administrator

785-271-3241

d.worley@kcc.state.ks.us

www.kcc.state.ks.us/energy/fcip

www.kslegislature.org

