

Energy Working Group Notes, April 21, 2010

Attending: Sam Gromberg (SACE), Tom King (ORNL), John Knisley (Private Consultant), Zane Foraker (Knox County), Erin Burns (City), Susanna Bass (City)

Discussion Topics

1.) ORNL's Sustainable Campus (Potential presentation to the E&S Task Force: Tom King, Melissa Lapsa, Randy Overbee):

- Report attached to group email)
- Executive order 13515, 30% EE drop off
- Policy Drivers (Energy Bills)
- Technology, markets, and policies as drivers
- Leadership in retrofit and new construction in residential and commercial

- a.) Foundational Piece – What are we doing?
- b.) Resource Identification – What are we using?
- c.) Longevity – Next Generation Components?
- d.) Transformational – Institutionalizing change?

2.) Ameresco – group determined to keep it on the back burner but not focus too much on it.

3.) Group identified small business / commercial sector as crucial.

4.) Group identified residential sector as another area of focus.

5.) Group discussed internal and external barriers to energy finance models (PACE, bonds, loans, appraisals) and determined education at all levels was key – so to start acquiring hard data and real numbers about why this is worthwhile.

6.) Potential for City / County partnering on Bond Transfer: noted that \$20,000,000 is a minimum bond requirement for the City, with payback and rates unidentified.

7.) Group discussed potential for obtaining KUB's commercial numbers – thought perhaps the Chamber may have those utility cost numbers (in \$ /sq. ft.).

8.) Group discussed getting large commercial buy-in (Lawler Wood, etc.) to help show value to decision makers.

9.) Group discussed recommending to the City employee education on energy saving measures.

10.) Group discussed Building Inspection potential to gather data from those entities that are doing above and beyond and could advocate for it.

11.) Group adjourned with intent to circulate and agree on goals to present to the Task Force April 29, and to schedule another meeting after that date for a second reconvening on a small scale: goals and October deliverables will be further honed at that meeting.

Working Group Strategy Sheet

City Research Needs:

- Developed from the next steps identified in the Energy Inventory
- Targeted to address those issues the City is best positioned to address

Energy Overview

Southern Alliance for Clean Energy: Sam Gromberg, Group Leader
Policy & Communications: Susanna Bass, City Staff

- I.) Energy Efficiency Measures:
 - A.) Streetlights - Evaluate options for streetlight upgrades and implement
 - B.) City Structures – parking garages, facilities not affected by Ameresco scope

- II.) Civic Buildings/Structures:
 - A.) Retro-commissioning of existing facilities not covered by Ameresco
 - B.) Extension of Ameresco ECMs to other buildings

- III.) PACE Legislation for Tennessee
 - A.) Develop a support network for SACE to champion this
 - B.) Develop language / a strategy for the legislative session

- III.) General goals:
 - A.) Group Approach: select a leader
 - B.) Group Needs: meeting location, research
 - C.) Group Meeting Frequency: how often to get finished goals by December?

- IV.) Brainstorm Notes: