

**Green Impact Zone
Energy Efficiency & Renewable Energy
Commercial & Industrial Properties
Committee Summary
May 20, 2009**

Representatives of the City, KCPL, MGE, Congressman Cleaver's Office, the Chamber, the Metropolitan Energy Center (MEC), BNIM, Derbigum Roofing Solutions, and MARC met to discuss the Green Impact Zone energy efficiency agenda for businesses and institutions.

The committee is still trying to involve the school district. We learned that the Missouri Legislature had approved new legislation enhancing utilities ability to promote energy efficiency. We will need to monitor this to see how this will affect our work.

It was agreed that the committee should move toward a Green Impact Zone meeting of area businesses with the following tentative agenda:

- Benefits of energy efficiency
- Use of incentives and rebates for energy efficiency
- Financing energy efficiency improvements
- Building energy efficiency into incremental maintenance improvements
- Sorting out the claims of energy service companies

It was agreed that we would convene a subgroup, including representatives of New Tools and zone small businesses to work on the agenda and how to reach the businesses in the zone. It was agreed we need to include commercial property owners. As we develop the agenda we will need to make sure that we have clearly cataloged all of the incentives, financing tools, and explained how to put them all together into a successful package that makes energy efficiency attractive.

We agreed that it would be very helpful if the state of Missouri would authorize a "pay as you save" program, at least a pilot, in the metro area. Gail Allen will check to see if KCPL is pursuing this and if so how the committee might support these efforts. If not we will work to put together an effort with the assistance of the Chamber of Commerce.

Ed Matthews with KCPL reported that they are working on Smart Grid proposals, but have not come up with a definitive strategy, but plans on applying for DOE stimulus funds. Ed explained that a smart grid consists of renewable and distributed energy sources, customer engagement and control (more programmatic than technology), and the switches and storage that connect the two. It is anticipated that KCPL would apply for funds within the next year and it would take 3-5 years to build out. In the meantime we could look at optimized meters and customer education. Ed offered to present the group with a presentation on the smart grid.

KCPL plans on pursuing the renewable energy portion of the smart grid, including location of solar panels on commercial and institutional rooftops, which could impact the Green Impact Zone. KCPL will support several different models of how this can be done including: KCPL owns the panels, the business owns the panels or a third party owns the panels. Ed will provide a set of next steps to move this agenda forward.

While the meeting with businesses mentioned above is an important element of energy education, we also need to look at and coordinate with energy education for residents of the zone and work with the schools both as a major energy user and through their classrooms.

We also discussed how we can build in preparedness for new energy technologies whether it is plugin cars or natural gas vehicles.