

**Green Impact Zone
Energy Efficiency & Renewable Energy
Commercial & Industrial Properties
Committee Summary
April 7, 2009**

Representatives of the City, KCPL, USGBC (U.S. Green Building Council), Congressman Cleaver's Office, the Chamber, the Metropolitan Energy Center (MEC), Bob Berkebile, and MARC met to discuss how to involve commercial, industrial and institutional properties in the GIZ.

There are opportunities to help large property owners make their properties more energy efficient and install solar panels on their roofs. It will be necessary to identify potential candidates for such assistance. The Chamber will provide a list of Chamber Climate Protection members with facilities in the GIZ, KCPL will identify commercial, industrial, and institutional customers in the GIZ, and the KCMO department of planning and development will identify ownership of potential structures with large, flat roofs. The local chapter of the USGBC will also identify any of their members who are located in the GIZ.

It will also be necessary to identify resources for this work. KCPL indicated there were grants that will pay for 30% of the installation costs for solar and up to 50% for smart grid improvements. It will be necessary to identify other resources that can be coupled with these, especially for energy efficiency improvements. This may include the state of Missouri's ARRA formula allocation to the State Energy Program (in MDNR) and federal DOE competitive energy grants (including \$400 million that will be available to cities, counties, and states nationwide).

KCPL would consider owning roof top solar arrays given the right roof and would have some kind of financial arrangement with the business or institution. It might make sense to start on a couple of public buildings as a pilot. KCMO will identify City buildings in the GIZ for consideration of solar panel installations. One major issue in siting rooftop solar units is the roof condition and size.

KCPL is willing to take the lead on this, but will need assistance, such as public institution contacts. Bob Housh (MEC) and Janet Baker (USGBC) will contact the school district.

The group did feel that energy education along with energy efficiency needed to be a goal of this initiative.

It was suggested that once we had a little more information the committee might want to host a meeting of the commercial, industrial, and institutional community in the GIZ. Organizations identified to include in future meetings of the GIZ Commercial & Industrial Energy Group are the KCMO School District & the Housing Authority of Kansas City.

KCPL will develop an estimate, based on load, of the cost of improvements to reduce energy usage.

It will be important to integrate this work in with the other work being done through the GIZ and to set out clear goals and benchmarks.