



York County Community Foundation
Energy Program

Newsletter
Summer 2007

Partners and Participants

The Energy Program has been serving York County Nonprofit organizations since 1993. During this time we have worked with more than 80 nonprofit organizations saving millions of dollars in energy cost reductions.

More than half of the organizations that have participated in the Energy Program have become a Partner organization, realizing energy savings worth more than \$1,000 and participated in our energy bill monitoring program for more than 3 years.

A current list of all of the organizations who have participated in the Energy Program in the past 14 years has recently been posted on the Community Foundation's newly revised web site at yccf.org.

Many organizations are surprised to learn that the Energy Program has already visited their facility (sometimes multiple times) and has a list of energy saving opportunities for their facility. So check the list to see if your organization has been assessed before.

We have been revisiting several facilities to review energy saving opportunities. If you would like to schedule an appointment contact Marcus at the number below.

York County Administrative Center Green Adaptive Reuse

The adaptive reuse of the 1898 historic York County Courthouse celebrates York County's past while contributing toward the county's sustainable future. The project team explored the use of an integrative design process, wherein the team works together to examine how the different systems within a building can positively affect each other. In green building projects this process has a lot of advantages. Integrated Design benefits range from creating a building that is more user friendly, cost effective to operate, less expensive to build, integrate better into their surroundings, and include numerous environmental benefits such as energy efficiency and a healthful interior environment.



Early in the pre-design phase the team worked together to explore the project's potentially competing goals: restoration of the historic features of the building; reconfiguring the interior spaces to provide modern, efficient workspaces for the county; achieving LEED green building certification; and showcasing that an environmentally friendly building is not more expensive than conventional.

The restoration of the historic features with modern technology provided a particular challenge. The team used creative measures to install piping, wiring and ventilation without destroying intricate architectural details or compromising the building's history. The windows were refitted with new Low-e glass with double panes. Coupled with insulation added to the building's exterior walls and other measures, the building was able to achieve a 25% energy savings compared to a conventionally designed base-case. In addition, the installation of dimmable lighting controls allows occupants to enjoy the abundant natural light, and reduces summer air conditioning loads.

This project is a wonderful example of how the benefits of integrative design reach beyond the building's site and how green buildings make a positive contribution to the community.

Nonprofit Resource Generator (NRG)

The Energy Program offers energy conservation incentive grants to nonprofit organizations, educational institutions and governmental units that participate in the Program. Up to \$25,000 annually will be awarded to organizations to assist with projects in the following areas:

- Design, construction and operations of high performance green building projects which commit to achieving certification under the LEED Green Building Rating System.
- Energy efficiency projects by nonprofit organizations with a demonstrated need for up to 50% of the project cost.

In addition, the Charles G. Eyster Award for Excellence in Energy Efficiency may be awarded to organizations for leadership in green building and energy conservation.

Center for Philanthropy Green Renovation

The York County Community Foundation has expanded and renovated The William T. Wolf Center for Philanthropy. The 4,700 square foot project is targeted to qualify for LEED for Commercial Interiors Silver Certification, exemplifying the green building values the Community Foundation promotes and supports within York County.



LSC Design, Kinsley Construction, Walton & Company and Gettle combined to produce an efficient, healthy place to work for the Foundation's staff. A major focus was the need to utilize green building strategies that stay within budget and meet the bottom-line. For example, the mechanical engineer realized he could reduce the cooling requirements because the lighting designer plans a 35% reduction in lighting use. In addition to energy efficient lighting, office equipment and appliances the project has been commissioned by JDB Engineers to ensure that the building systems work well from the beginning.

The team found opportunities in each of the five major areas of LEED certification: Sustainable Sites, Water Efficiency, Energy & Atmosphere, Materials & Resources and Indoor Air Quality. The latter two present some of the greatest opportunities within commercial interiors. The team used recycled and locally manufactured materials as well as paints, adhesives and carpeting free from volatile organic compounds (VOCs). Water saving measures include waterless urinals and low flow faucets.

LEED-CI is the recognized standard for certifying high-performance green interiors. Projects meeting this standard are healthy, productive places to work, with reduced environmental impacts, and are less costly to operate and maintain. This LEED standard is used within the tenant market to maximize green building benefits.

Energy Committee

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