2011 Revolving Loan Fund Annual Report

Overview

Beloit College’s Revolving Loan Fund (BCRLF) began in 2009. The BCRLF received its initial funding from Beloit College’s Student Government ($25,000) and from the Senior Class of 2010’s Gift ($13,279).

The following report details the activity of the fund during the 2009-2010 period. The fund is still in its initial stages and only one project has been proposed and implemented on campus. The BCRLF did, however, make an economic and environmental impact on campus.

Future of the BCRLF

The BCRLF plans to take on more small projects in the future. There have been several buildings that have been identified for potential projects. Most projects will be related to insulation installation, but the BCRLF hopes to fund projects that are related to water and electricity savings.
Project Summary, Human Resources House, Insulation

Project Overview: 726 Church Street houses the Beloit College Human Resources department as well as the Spiritual Life Program. There are about ten employees that work in the house throughout the year. A contractor filled the walls of the house with blown cellulose and placed fiberglass batts in the attic.

Project Goals: The goal of the project was to reduce the heating costs of the house and to create a more comfortable work environment for Human Resources and Spiritual Life Program employees.

Pre-Project Considerations: The house has historical integrity and it was important that the house remain outwardly aesthetically appealing. The contractor was careful to ensure that the house's historical integrity remain intact. It was also important that the contractor performed the job in a relatively undisruptive manner so that the employees were not annoyed or distracted.

The Project Process: Students Sierra Anseeuw and Grace Kellogg performed an energy audit of 726 Church Street during summer of 2010 and noted that it was severely lacking proper insulation and that the heating costs for the house were abnormally large. Three different contractors estimated the cost of insulation installation and the job was given to the contractor who offered the lowest price. This contractor also agreed to use a technique that would preserve the intricate wood designs on the exterior of the house, ensuring that its historical integrity would be preserved.

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Participants: Sierra Anseeuw (student) and Grace Kellogg (student)

Project Snapshot:
Economic
  Total Project Cost: $7,300
  Annual Cost Savings: $1,415
  Payback: 5 years

Environment
  Annual Savings: 1,761 therms, 10.3 tons CO₂