

National Council on Agricultural Life and Labor Research Fund, Inc.

Dover, Delaware



Sustainability Assessments and Master Planning



In September, 2008 we conducted an SSC Green Audit at National Council on Agricultural Life and Labor Research Fund, Inc. (NCALL), surveying their employees, calculating their carbon footprint, and suggesting the most strategic and cost-effective way to go green.

NCALL already purchases recycled paper, has a recycling program in place, and encourages carpooling when possible. But when it got the results of its Green Audit in October 2008, the organization decided to take a bold step and explore the options for renewable energy at its headquarters.

In February 2009, NCALL completed the installation of 66 solar photovoltaic panels on the roof of its Dover office. Taking advantage of the building's perfectly oriented roof (south facing slope is best), the panels were installed in just three days, with the help of a local contractor. Each panel generates 210 watts of power, and is expected to provide 70 percent of the 6,000-square-foot office building's electricity needs.

The Longwood Foundation and the City of Dover assisted with financing. The total cost of the system was \$88,000, but will pay for itself in approximately nine years through generated electricity for the building, as well as a revenue stream of energy credits.

A monitor in the organization's lobby displays energy savings, kilowatt hours generated daily, and also graphs the reduction of the organization's carbon footprint. It's a great way for employees and visitors to see in real time the positive impact the solar panels are having on the organization and the environment too!

NCALL has received positive feedback from its employees and the local community. In the future, NCALL hopes to apply this state-of-the-art technology to its multi-family housing and first-time homebuyer work.



Client

National Council on Agricultural Life and Labor Research Fund, Inc.

Industry

Non-profit, Affordable Housing

Contact

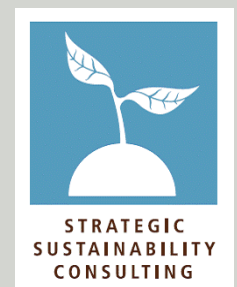
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