

Success Stories



Project Details:

Location:

950 Eden Park Drive
Cincinnati, OH 45202

Project Contact:

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Technologies:

171 kW solar photovoltaic system

Funding Source:

American Recovery and Reinvestment Act –
State Energy Program

Incentives:

\$583,418

Total Project Costs:

\$1,496,929

Energy Impacts:

- Offset energy usage by 26 percent overall
- Producing almost 250,000 kWh of electricity annually

Economic Impacts:

- Saving more than \$12,000 annually
- Jobs created or retained: 35 FTE's*

Environmental Impacts:

- Reduce CO₂ emissions by more than 380,000 pounds annually, which is equivalent to taking 34 cars off the road.

The City of Cincinnati Parks



Background:

The Cincinnati parks system maintains more than 10 percent of city land in the form of nature preserves, neighborhood parks, an arboretum and a conservatory. Cincinnati Parks promotes energy efficiency and sustainability through their "Living Our Green Life" program.



Challenge:

The Park Board has undertaken nearly three dozen green initiatives, including solar-powered trash cans, rain gardens, and the use of hybrid vehicles and biofuels. The park also wanted to add solar panels as another educational model and to save money on utility bills.



Solution:

Twelve park sites received American made solar panels and inverters, delivering power with installations ranging from 3 to 50 kW, and providing a total of 171 kW. Cincinnati Parks is now the owner of the largest number of solar-powered structures in the state and the installations provide training for urban youth and extensive educational outreach. The Cincinnati Park Board won a First Place Green Award of Excellence from the Ohio Parks and Recreation Association for its 2010 solar panel initiative.

"The Cincinnati Park Board's strategy for systematically adding new, renewable sources of energy across their footprint is the model for the nation's urban park system,"

- Andrew Ritch, Duke Energy Corporation's Director of Renewable Energy Strategy and Compliance

*Job creation numbers are based on direct jobs created or retained using Full-Time Equivalent (FTE) hours.



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Development

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