

# Success Stories



## Project Details:

### Location:

25701 Science Park Drive  
Cleveland, OH 44122

### Project Contact:

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### Technologies:

76 kW solar photovoltaic system

### Funding Source:

American Recovery and Reinvestment Act -  
State Energy Program

### Incentives:

\$360,294

### Total Project Costs:

\$457,316.50

### Energy Impacts:

- Generating more than 100,000 kWh of electricity annually
- 6 percent reduction in electricity use

### Economic Impacts:

- Estimated \$5,000 cost savings per year
- Jobs created or retained: 21 FTE's\*

### Environmental Impacts:

- Reduces CO<sub>2</sub> emissions by more than 150,000 pounds per year, which is equivalent to taking 20 cars off the road.

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

## Jewish Federation of Cleveland



### Background:

The Jewish Federation of Cleveland, founded in 1903, is a non-profit organization that funds and supports a wide array of social service, education, and humanitarian activities that strengthen Jewish and general community life in Cleveland, Israel, and more than 70 countries worldwide. Funds from the annual Campaign for Jewish Needs support the more than 40,000 people who rely on the Jewish Federation of Cleveland's local partner agencies for ongoing service, housing, education, urgent needs, and care.

### Challenge:

The Jewish Federation of Cleveland was in the process of renovating and moving into a 69,000-square-foot building and wanted to achieve LEED Gold certification. An important component to reach this goal was the incorporation of a solar installation to reduce the building's overall energy consumption.

### Solution:

A 76 kW solar photovoltaic system, using American made solar panels, was installed on the roof of building. In the spring of 2012, the Jewish Federation of Cleveland was awarded Gold Level Certification of the Mandel Building as established by the U.S. Green Building Council in the LEED Green Rating System™ and verified by the Green Building Certification Institute.

*"The impact on the environment and the state of the economy were key factors in choosing renovation over new construction."*

- Ron Ratner, Chair of the Jewish Federation of Cleveland's Building Committee



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