

# Success Stories



## Project Details:

### Location:

160 High Street North West  
Warren, OH 44481

### Project Contact:

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### Technologies:

48 kW solar photovoltaic system

### Funding Source:

American Recovery and Reinvestment Act –  
Energy Efficiency and Conservation Block  
Grant

### Incentives:

\$302,802

### Total Project Costs:

\$302,802

### Energy Impacts:

- Expected to save 120,000 kWh of electricity annually
- Reduced energy use by more than 15 percent

### Economic Impacts:

- Saving up to \$30,000 in utility costs per year
- Jobs created or retained: 18 FTE's\*

### Environmental Impacts:

- Reduces CO<sub>2</sub> emissions by more than 180,000 pounds per year, which is equivalent to taking 16 cars off the road.

## Trumbull County Jobs and Family Services Building



### Background:

Trumbull County was founded in 1800 in Northeast Ohio with the city of Warren as the county seat. With a population of 225,116 residents, the county has both rural and urban settings, and is located near Akron, Cleveland and Youngstown.

### Challenge:

Trumbull County officials recognized the opportunity to install a solar photovoltaic system to reduce electricity costs and act as an example for the community by promoting the use of alternative energy sources. An early solar site assessment had identified buildings in the county that were best suited for solar.



### Solution:

The solar energy system, installed on the roof of the Ohio Jobs and Family Services building, will reduce the cost of electricity and in turn save tax-payer dollars. The project will employ local tradesmen as well as provide an example that solar panels do provide a viable renewable energy source in the State of Ohio.



*"We are going to be the first major project in the county to use solar panels. We already had requests to tie in with education people, and some labor unions want to be involved too so they get an understanding of how this works."*

-Paul Heltzel, Trumbull County Commissioner

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



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