

Photovoltaic Demonstration and Research Facility and Climate Change Education Center

Recipient: Orange County Government
Contact: Jerry Daigle, (407) 685-9820; jerry.daigle@occc.net
Location: Orange County

Grant Funds Requested: \$2,500,000
Grant Funds Awarded: \$697,433
Cost Share Amount: \$5,374,755

Project Partners:

- Florida Solar Energy Center
- Orange County Convention Center
- Orange County Environmental Protection Division
- Orange TV
- Orlando Utility Commission
- United States Department of Energy

Project Objective: The recipient will foster a better understanding of renewable energy technologies through the installation and demonstration of the largest solar photovoltaic (PV) system in the Southeast.

The project enables the completion of a one megawatt solar PV system at the Orange County Convention Center. In addition, Orange County will research small-scale experimental PV systems, host a family learning center, implement marketing initiatives, and provide an economic development program.

The project received partial funding through the 2006/2007 Renewable Energy Technologies Grant Program.

Energy Potential: The project, facilitated by the 2006/2007 grant award, is expected to produce 1,200 to 1,500 megawatt hours of solar energy annually.

Economic Development: The project has the potential to attract various renewable energy industries and associated jobs to Florida.