

Sustainable Energy  
Puts America To Work

Co-hosted by



American Solar  
Energy Society



Green  
Energy  
Ohio

# SOLAR 2007

July 7 – 12  
Convention Center  
500 Lakeside Avenue

Don't Miss the Largest National Renewable Energy Conference!

## PUBLIC DAY Sunday, July 8 10AM–5PM

FREE &  
OPEN to the  
PUBLIC!

### JOIN US

- **FREE and Open to the Public.** No pre-registration is required.
- **Visit the Tradeshow** with more than 130 national & regional clean energy companies.
- Participate in **Free Consumer-oriented Lectures** held every half hour.
- **Job Recruitment** for renewable energy companies.
- Join the **GEO Annual Meeting** with keynote speaker, Congresswoman Marcy Kaptur.
- Network with professionals and experts and **Get Answers to Your Questions.**

**ALSO** sign-up for the technical conference with sessions from July 9-12 at [www.solar2007.org](http://www.solar2007.org)

### Learn even more with Tours & Workshops

Register for Tours & Workshops online at [www.greenenergyohio.org/solar2007](http://www.greenenergyohio.org/solar2007)

#### TOURS

These 7 Amazing Tours, starting at \$50, are unique trips across Ohio featuring a variety of renewable energy practices.

- Downtown Cleveland Tour
- NASA Glenn Research Center Tour
- "Cleveland From the Water" Evening Cruise
- Ohio Amish Country Tour
- Oberlin College & Community Tour
- Northwest Ohio Technology Tour
- Central Ohio Sustainable Sites Tour

#### WORKSHOPS

These 22 Workshops, starting at \$70, target a wide variety of renewable energy topics in half and full day formats.

- Design and Installation of Solar Thermal Systems – July 6&7 8:30am – 5:30 pm
- Basics of Solar Heating – July 7th 8:30am – 12:30 pm
- Legal Issues in Structuring Solar Projects – July 7th 8:30am – 12:30 pm
- First Things First: Energy Efficiency & Conservation – July 7th 8:30 – 5:30pm
- Green Buildings – July 7th 8:30am – 5:30pm
- Introduction to Distributed Power – July 7th 8:30am – 5:30 pm
- Photovoltaic Power Systems & the National Electrical Code – July 7th 8:30am – 5:30 pm
- Insights to Consumer Mindset on Energy Efficiency & Renewable Energy – July 7th 1:30 – 5:30pm
- Design and Installation Guidelines for Solar Hot Water Systems – July 7th 1:30 – 5:30 pm
- Disaster Lab: Applications of Solar Energy Systems – July 7th 1:30 – 5:30 pm
- Bringing Renewables to Life – July 8th 8:30am – 12:30 pm
- PV Payback – July 8th 8:30am – 12:30pm
- Building Solar – Solar Design Fundamentals for Building Professionals – July 8th 8:30am – 5:30pm
- Course Development for Renewable Energy Training Programs – July 8th 8:30am – 5:30pm
- PV Markets, Technology, Cost, Performance & Building Integrated PV – July 8th 8:30am – 5:30pm
- Renewable Energy for the Developing World – July 8th 8:30am – 5:30 pm
- Small Wind Power for Homes, Farms, Businesses & Schools – July 8th 8:30am – 5:30pm
- Solar & Radiant Floor Heating Systems Design – July 8th 8:30am – 5:30pm
- Designing High Performance Sustainable Homes – July 8th 1:30 – 5:30pm
- Find Your Dream Job in Solar – July 8th 1:30-5:30pm
- Cleveland Tool Day: Hands-on Building Performance Analysis – July 13th 8:30am – 5:30pm
- Women's Utility Interactive Photovoltaics – July 12 – 15 – 8:30am – 5:30 pm

All are welcome! Renewable energy activities are available for any interest level.

Details available at: [www.greenenergyohio.org/solar2007](http://www.greenenergyohio.org/solar2007)



# Green Energy Ohio

Green Energy Ohio (GEO) is a statewide nonprofit organization dedicated to promoting economically and environmentally sustainable energy policies and practices in Ohio. GEO conducts public outreach on all forms of renewable energy, and serves as the Ohio chapter of the American Solar Energy Society (ASES), which brings national attention to statewide efforts and provides access to national resources for members.



## JOIN GEO TODAY

Help build a sustainable energy future in your community and across Ohio by becoming a GEO member. Members receive the following benefits:

- bi-monthly newsletter and email news announcements,
- participate in equipment lending program,
- advertisement opportunities for our corporate members,
- discounts on event registrations and publications, and
- connected to the statewide network for renewable energy!

Fill out the membership form below or join online today at [www.GreenEnergyOhio.org](http://www.GreenEnergyOhio.org).

### MEMBERSHIP FORM

Name \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

- \_\_\_\_\_ \$20 Student/Senior Membership
- \_\_\_\_\_ \$35 Regular Membership
- \_\_\_\_\_ \$60 Family Membership
- \_\_\_\_\_ \$100 Sustaining Membership
- \_\_\_\_\_ \$150 Corporate Membership
- \_\_\_\_\_ \$300 Sponsoring Membership
- \_\_\_\_\_ \$ Optional Donation

\_\_\_\_\_ TOTAL

Payment Enclosed:    Check    Visa    MC

Credit Card No. \_\_\_\_\_

Mail to: 7870 Olentangy River Rd., Ste. 209  
Columbus, OH 43235

## MAJOR PROGRAMS

### Solar Thermal Trainings and Installations

GEO partnered with the City of Cleveland on the vision for it to become a solar thermal water-heating utility. The first step is a technical training, organized by GEO, on the design and installation of solar thermal hot water systems for plumbers, pipe fitters and other skill trades from June 18-20th. As a part of the course, a solar thermal system will be installed on a City of Cleveland fire station.

### Ohio Renewable Energy Resource Magazine

GEO produces a statewide color magazine featuring case studies of excellent renewable energy projects and healthy building techniques, and articles on the tools and resources to make renewable energy work for all Ohioans.

### Ohio Solar Tour, October 6 & 7, 2007

This annual tour held each October features hundreds of clean energy installations and attracts thousands of people. Visit [www.greenenergyohio.org/ost](http://www.greenenergyohio.org/ost).

### Ohio Wind Resource Database

Under grants from the U.S. Dept of Energy and the Ohio Dept of Development, GEO is conducting a statewide program to collect and analyze wind speed data off existing communications towers at heights up to 100 meters. This data is used to validate the Ohio Wind Resource Maps.

### The Cleveland Indians Go Solar

GEO and the Cleveland Indians have teamed up to install a 10kW solar PV system by July 2007 on the upper concourse of Jacobs Field, overlooking Carnegie Ave and I-90 in downtown Cleveland. The solar installation, along with corresponding educational kiosk and outreach activities, will introduce solar energy concepts to millions of people in Northeast Ohio.

### Governor's Residence Solar Back-up System

GEO installed a 3.2 kW photovoltaic power system on the governor's residence in Columbus. The grid-tied system provides emergency back-up power and serve as an educational exhibit for the annual 20,000 visitors.