

Arkansas EECBG Assistance Webinar Series

On-Site Renewable Energy Technologies

LOCAL GOVERNMENTS FOR SUSTAINABILITY

ICLEI

USA



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(E) N E R G Y



arkansas
energy office
Arkansas Economic
Development Commission

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INTERNATIONAL

Introduction of Speakers

Ryan Foshee, Regional Officer
ICLEI-Local Governments for Sustainability

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Erin Burns, Sustainability Coordinator  
**City of Knoxville, Tennessee**

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Stephan Pollard, CEO
trem|wel (E)nergy

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Colin Meehan, Renewable Energy Specialist  
**Environmental Defense Fund**



# What is ICLEI – Local Governments for Sustainability?

**Association of local governments (cities and counties)**

**Originally named “International Council for Local Environmental Initiatives”**

**600+ U.S. members, 1200+ global membership**

**We provide planning expertise, technical assistance, and other guidance for local governments interested in environmental and economic development opportunities.**



# Energy Office Resources

Free Conference in Jonesboro, April 19<sup>th</sup>.

## *Renewable Energy in Arkansas: Opportunities for Economic Development*



April 19, 2010, 8.30 AM – 4.45 PM

Mockingbird Room, Student Union

Arkansas State University, Jonesboro



Organized by Renewable Energy Technology Program, College of Agriculture and Technology

Arkansas State University, Jonesboro, AR

### Conference overview

The focus of this conference is on economic development through renewable energy in Arkansas. This full day conference will feature invited speakers from industry, outreach, research and education communities related to different areas of renewable energy. The participants are expected from regional academic institutions, industry, state and federal government organizations. Experts will provide overview of current efforts and challenges in areas of renewable energy. The conference is organized in four

### Registration

The event is free, but registration is required to attend. Arkansas State University will also be introduced.

**Registration deadline April 9, 2010!!**

- Educational opportunities in renewable energy
- Outreach and economic development

ch. A buffet lunch will be provided.



# Energy Office Resources

**Tax Credits** – Commercial, Industrial, Utility

**Net Metering**

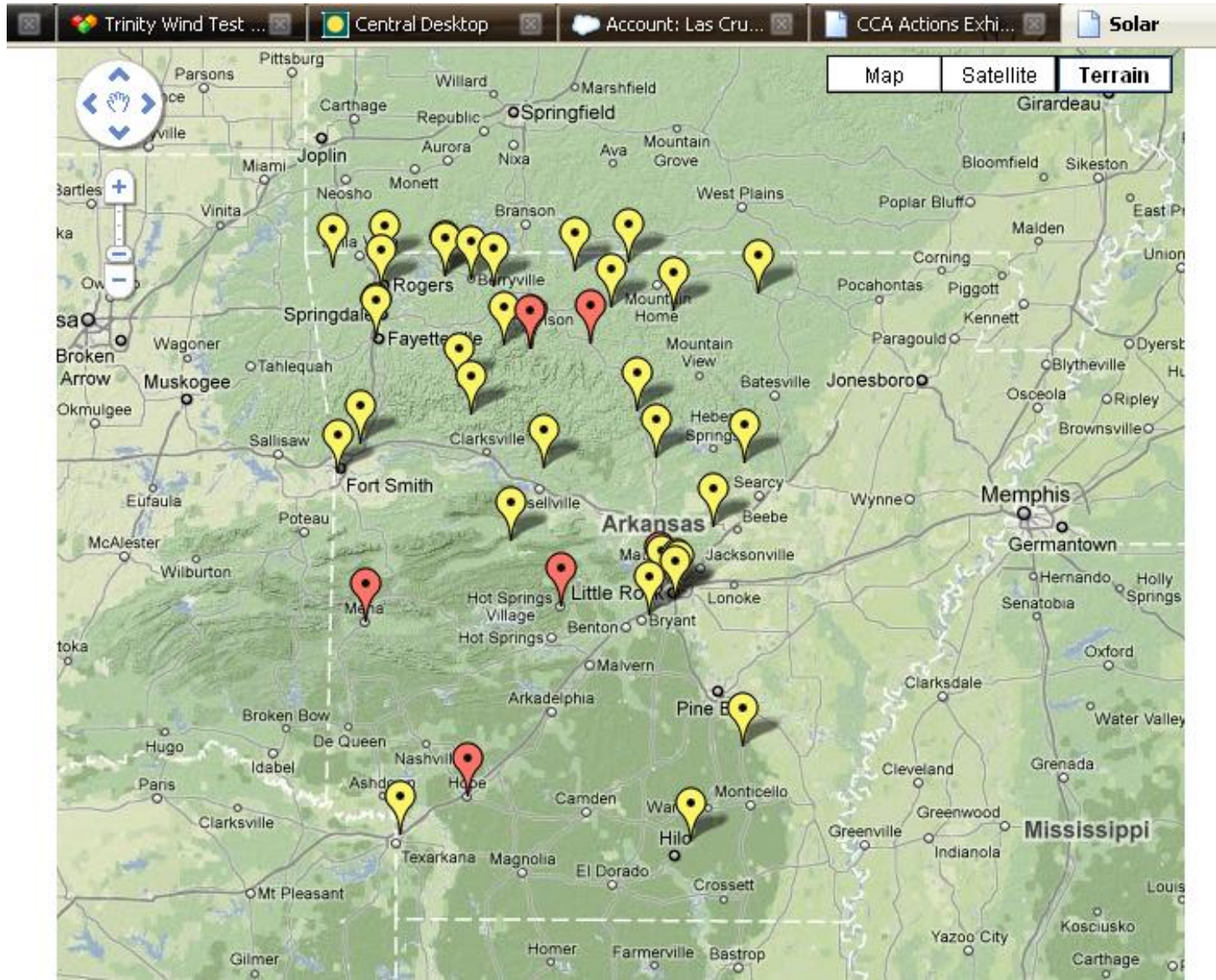
**Rebates** - Currently available for residential systems only, to be opened to non-residential once contractor list approved

**USDA Rural Energy for America Program (REAP)**

**Grants** – 25% of Project Cost Max



# Helpful Information



# Locate Contractors

The screenshot shows a web browser window with the URL <http://arkansasenergy.org/solar-wind-bioenergy/solar.aspx>. The browser's address bar and tabs are visible at the top. The website's navigation menu includes 'Residential', 'Commercial', 'Government', 'Industry', and 'Transportation'. The main content area is titled 'Renewables / Solar' and 'Solar'. A sidebar on the left contains a menu with the following items: 'Solar', 'Information and Resources', 'Incentives and Programs', 'Locate Contractors' (highlighted with a red circle), 'Wind', and 'Bioenergy'. The main content area features a map of Missouri with several yellow location pins indicating solar installations. A text box above the map reads: 'Click on the success stories inside the map to learn more about these solar installations.'



# Eligible Activities

## Eligible Activity #7

Development, implementation, and installation on or in any government building of onsite renewable energy technology, provided that activities are limited to:

- ✓ Solar PV – sized for the load of the particular building it is installed on; or a 60 kW ground-based system on property
- ✓ Wind Turbine – 20 kW or smaller
- ✓ Solar Thermal – 20 kW or smaller
- ✓ Solar Thermal Hot Water – appropriately sized
- ✓ CHP – appropriately sized
- ✓ Biomass Thermal – 3 MMBTUs per hour or smaller with Best Available Control Technology (BACT) installed and operated



# Government Buildings Only

| Activity Type                                                      | Eligible Cities and Counties | In partnership with other governmental entities | In partnership with nonprofit organizations | Activity serving private sector businesses | Activity serving privately owned residences |
|--------------------------------------------------------------------|------------------------------|-------------------------------------------------|---------------------------------------------|--------------------------------------------|---------------------------------------------|
| 1. Building energy audits                                          | Yes                          | Yes                                             | Yes                                         | Yes                                        | Yes                                         |
| 2. Financial incentive programs for energy efficiency improvements | Yes                          | Yes                                             | Yes                                         | Yes                                        | Yes                                         |
| 5. Development of building codes and inspection services           | Yes                          | Yes                                             | N/A                                         | N/A                                        | N/A                                         |
| 6. Replacement of street lighting                                  | Yes                          | Yes                                             | Yes                                         | No                                         | No                                          |
| 7. Renewable energy systems                                        | Yes                          | Yes                                             | No                                          | No                                         | No                                          |



# Examples Followed by Q&A, Discussion

## My Goal:

That everyone who watches this web series will win grant money in the EECBG Program for Arkansas Small Cities and Counties – and use it to better their community!

Ryan Foshee  
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