

Jack Barnett

From: KY Solar Energy Society <no-reply@kyses.org>
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To: Jack Barnett
Subject: KySES Quarterly News

Grayson goes Solar; Ky Solar Tours in October; Solar 2014 Report and upcoming Ky Solar Energy Society events



KySES Newsletter

3Q 2014

Grayson Rural Electric Co-op Now Powered by the Sun! - Partially

On August 22, [Grayson RECC](#) hosted a grand opening celebration for their newly constructed 10,800W solar electric system in Grayson KY. Grayson is the first rural electric cooperative to host a solar electric system at its headquarters in Kentucky. Although a power distributor member of EKPC, Grayson RECC's headquarters is in Kentucky Power (AEP) service territory and as such this system is net-metered with Kentucky Power benefiting Grayson RECC with reduced retail electricity costs. Interesting to see an electricity distributor benefiting from KY statute that is largely aimed at residential renewable energy. Could this be a segue into broader support of net-metering policy expansion?



Grayson RECC's intention for this project is to investigate effectiveness of solar photovoltaics. Along with measuring when and how much electricity is produced, a whole suite of environmental data is also being recorded. These include wind speed, air temperature solar cell temperature and irradiance.

According to Grayson CEO, Carol Hall Fraley, "Grayson RECC believes the Cooperative must respond to the changing energy needs of our members, and solar power is rapidly becoming an alternative. We want our members to be able to make good economic decisions for their homes and businesses, and we hope this project will serve as a model."



The system was partially funded by a grant obtained by the [Mountain Association for Community Economic Development \(MACED\)](#), was beautifully installed on a difficult hillside ground mount by Bogie Electric, from Richmond, and is comprised of forty Suniva monocrystalline 270W modules, and a Fronius IG Plus inverter with Datamanager datalogger.

October Solar Tours Shinning Strong in Kentucky

With Labor Day behind us, that means it's fall (well, in social circles, if not orbital ones). But it also means that it's soon time for... (yes, football, but also...) the **ASES National Solar Tour!**

Most places around the country are holding tours on the first weekend of October, but right now we know of only one site on that weekend in KY: *Heart and Soul Farm*, between Frankfort and Georgetown, on Saturday, October 4th from 10am-1pm is having an open house featuring a solar powered irrigation system, installed by Earth Tools of Owenton.



This year both Louisville and Berea are hosting their tours on the following Saturday, October 11th. Berea's tour and fair runs 9am to 4pm at Berea Municipal Utilities on Harrison Street, and is sponsored by [Sustainable Berea](#). Events include a bus and self-guided tours from 9 to noon, then presentations by the mayor and BMU, information about solar and energy conservation, solar cooking demos and kids activities. Exhibitors and food vendors will be there too.

Louisville's tour is once again the largest with more than 30 different solar sites, and include a bus, bicycle,

Solar 2014 - ASES Annual Conference Report

This year's ASES Solar 2014 conference, was co-located with Intersolar's annual conference, which has been held in San Francisco since 2008. This exhibition and conference is one of the top solar conferences in North America. The two conferences were held between July 6th and 11th, had over 530 exhibitors and more than 16,000 attendees. The conference included a great opening ceremony address from California Governor Jerry Brown.

At least 15 chapters were represented at the national ASES chapter caucus held on July 6th, including our own Robert Chatham. The main topics discussed were (1) increasing membership, (2) ideas for the national solar tour, (3) states fighting the new EPA carbon rules and solar, (4) fund raising, (5) what is the true value of solar, and (6) educating the public & state legislators about solar and its benefits.

There were also a couple of significant ASES organizational announcements made:

1. ASES has a new Executive Director, Carly Rixham, who replaces Seth Masia. Seth will continue as editor of *Solar Today* magazine until his retirement this fall.
2. ASES is working on a formal affiliation with Penn State University (PSU) with the idea that Solar 2015 will be held at

and self-guided tour options. Most sites will be open from 10am to 3pm. The bus and bike tours will leave from the Air Pollution Control District parking lot at Barret Avenue and Breckinridge Street at noon. Visit the [Kentucky IPL website](#) for all the details, and its impressive set of sponsors.

Visit [KySES' Events page](#) for info on all these locations, times and contact info. For the national view, visit www.nationalsolartour.org.

PSU. ASES is hoping that PSU will help expand membership, with an improved focus on students & young professionals. PSU will also take on the responsibility of retaining our intellectual property and digitizing our printed material and history.

This is a crucial time for ASES, therefore, we need to be united in our efforts, share best practices, increase membership, and support Ms. Rixham to re-grow a world class organization.

KY National Guard Gets More Solar

In March, 2014, Solar Energy Solutions completed a 300 kilowatt array for the Kentucky National Guard at the Wendell H Ford Regional Training Center in Greenville, KY. The array uses over 1,000 solar panels to assist with the Guard's current power consumption. The Training Center is one of Kentucky's largest solar installations featuring a cumulative solar capacity approaching one megawatt. The facility represents the Kentucky National Guard's continued commitment to sustainability and reliability.



Welcome New Members!

Since our previous newsletter, the following have joined our organization:

- Jarred Ford - student
- Joan Lindop
- Bill Rihn

Thanks so much to these fine folks and to our renewing members as well! Our membership is very inexpensive and important to help educate and promote for solar energy in Kentucky!

You can join both KySES and ASES, including a subscription to [Solar Today magazine](#), for just \$60 annually. [Click here](#) for this special offer, and pick Kentucky as your chapter in the check-out process.

Important KySES Information to Remember

Upcoming Events:

September 11 - KySES Board Meeting via conference call; contact any board member at least one day in advance to join us!
September 30 - Maysville Energy Fair, 4-8pm at Maysville

Your KySES Board of Directors

- Jack Barnett, Chair
- Robert Chatham, Vice-chair
- Steve Ricketts, Secretary
- Norb Baunach, Treasurer
- Josh Bills

C&T College
October 4 - Solar Open House
near Frankfort (see article)
October 9 - KySES Board
conference call
October 11 - Solar Tours & Fair
in Louisville and Berea (see
article)
Nov 13 - KySES Board
conference call

- Peter Brondum - at large



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Contact email:

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KySES Memberships are very
affordable!

\$20 for individuals or \$10 for
students.

Business memberships vary
from \$100 to \$500.

Visit www.kyses.org for details!

Thanks to our Sustaining Partners:



Solar Energy Solutions

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