

THE ENERGY EFFICIENCY & RENEWABLE ENERGY TRACKER

A West Virginia News Source | Fall 2014

PEOPLE & PLACES

West Virginia Representative Chosen to Serve on Board of the Alliance to Save Energy

On June 24, 2014 the Alliance to Save Energy's Board of Directors confirmed Congressman David B. McKinley (R-WV) to serve as an Honorary Vice-Chair. The Alliance is a non-profit, Washington, DC-based organization advocating energy efficiency that was founded in response to the oil crises of the 1970s. Said McKinley, "Energy efficiency makes sense for so many reasons. It creates jobs and benefits our economy while reducing emissions."

Other newly elected Board Directors include the following.

Mark Lantrip

President and CEO of Southern Company Services

Kevin Payne

Sr. VP of Customer Service for Southern California Edison

Aurelie Richard

Sr. VP of Strategy and Business Development for Schneider Electric North America Operations

Dr. Gayle Schueller

VP of Global Sustainability for 3M Company

Source: ase.org



"Energy efficiency makes sense for so many reasons. It creates jobs and benefits our economy while reducing emissions."

-Congressman David B. McKinley

POLICY TRACKING

Demand Response the Domain of States, not the Federal Energy Regulatory Commission

The U.S. Court of Appeals for the D.C. circuit ruled in May that FERC Order 745 should be vacated. Order 745 places wholesale demand response (action by a retail customer to reduce electricity demand in response to a specific request) regulation and pricing under FERC jurisdiction. FERC stated that the goal of the Order was in part to remove barriers for demand response resources to participate in organized wholesale energy markets. The Court stated that the order is "encroaching on the states' exclusive jurisdiction to regulate the retail market."

Demand response is often considered a vital element of expanding shares of renewable resources with variable output, as it allows flexibility to utilize non-supply-side resources to maintain grid stability. The ruling is being appealed by FERC and the PJM Interconnection.

Source: utilitydive.com

UTILITIES

Appalachian Power Launches Expanded Energy Efficiency Programs

Appalachian Power (ApCo) launched expanded energy efficiency programs in 2014, and now has nine active programs, with plans to launch a 10th soon. The programs saved a total of 50,767 MWh of electricity in 2013 and include the following.

1. Efficient Products: retail mark-down on CFLs, LEDs and eligible appliances
2. Residential HomeSMART: expanded assessment and rebate opportunities
3. Residential Low Income Weatherization: managed by the Office of Economic Opportunity
4. Commercial & Industrial Prescriptive: lighting, HVAC, and food service equipment rebates
5. Appliance Recycling: for operating refrigerators and freezers
6. Energy Efficiency Outreach: walk-through audit for low-income customers
7. Custom Commercial & Industrial (C&I): incentive for incremental improvements
8. Commercial Lighting Incentive: for conversion of standard lamps to efficient
9. Manufactured Homes Energy Star: manufacturer incentive
10. Residential Peak Reduction: air conditioning load demand response

Learn more: AppalachianPower.com/Save



ApCo Sells Renewable Energy Credits (RECs) on Behalf of its Customers in West Virginia

In May 2014, ApCo was able to sell excess wind and hydro RECs on behalf of its West Virginia-based customers for approximately \$17 million. These credits became available due to excess levels of compliance with the WV Alternative & Renewable Portfolio Standard, which requires that WV utilities obtain 10 percent of generation from qualifying resources by 2015. According to testimony filed by the WV Public Service Commission, additional credits valued at about \$3 million will be credited to WV customers later in 2014. These sales are one-time occurrences, as the utility is not expected to have future excess credits.

FirstEnergy Continues Existing Energy Efficiency Programs

FirstEnergy, via its subsidiaries, Mon Power and Potomac Edison is continuing two energy efficiency programs offered as of 2012. These programs saved a total of 26,349 MWh of electricity in 2013.

- Non-Residential High Efficiency Lighting: performance-based incentives
- Residential Low-Income: with the Office of Economic Opportunity

Learn more: energysavewv-business.com



FUNDING/FINANCING

Rural Energy for America Program (REAP)

The U.S. Department of Agriculture's REAP program has set aside \$1.5 million to fund guaranteed loans and grants for Renewable Energy and Energy Efficiency projects in West Virginia for the next two fiscal years.

Eligible projects include commercial or pre-commercial technology for use of wind, solar, renewable biomass, small hydropower, geothermal resources and energy efficiency improvements. Eligible applicants must be either:

- A small business, by SBA standards, located in a rural area of <50,000 inhabitants;
- An agricultural producer (>50 percent of income for agricultural products).

Applications are accepted on an ongoing basis.

In the guaranteed loan program, the USDA guarantees loans to commercial lenders that service the loan. Guaranteed loans can finance up to 75 percent of total project costs and grants can cover up to 25 percent of total project costs. A loan and grant combination can cover up to 75 percent of project costs.

The next funding period is the fall of 2014. For more information about the West Virginia program call (304) 284-4882, email jesse.gandee@wv.usda.gov or visit rurdev.usda.gov/Energy.html.

NCIF Funding for Energy Audits

The Natural Capital Investment Fund (NCIF) is pleased to announce its recent award of a Rural Business Enterprise Grant (RBEG) to fund energy audits throughout West Virginia. Funding comes from USDA Rural Development, and will help cover the cost of audits for small, rural businesses. NCIF invites energy auditors to submit inquiries regarding contract services. Contact NCIF's Energy Project Manager at hvargason@conservationfund.org or (304) 870-2238 and stay tuned for more information.



United States Department of Agriculture
Rural Development

The U.S. Department of Agriculture's REAP program has set aside \$1.5 million to fund guaranteed loans and grants for Renewable Energy and Energy Efficiency projects in West Virginia for the next two fiscal years.

-Rural Energy for America Program (REAP)

OTHER ENERGY NEWS

Energy Efficiency Network Survey

Last month, NCIF, EEWV and Bridge Valley's Sustainability Institute, conducted a survey aimed at identifying strategies to increase partnership, networking and information sharing among stakeholders. Respondents included technical assistance providers, policy makers, advocates and educators. Survey results indicated stakeholders are interested in more conferences, webinars and list serves, especially on policy as a means to promote energy efficiency. Thank you to all who participated.

Source: NCIF

Renewable Energy Capacity Additions

Renewable resources provided 56 percent of newly-installed U.S. electric generating capacity in the first half of 2014. This amounted to 1,965 MW of the 3,529 MW total installed. Solar and wind accounted for 1,131 MW and 699 MW respectively; natural gas accounted for 1,555 MW.

Source: FERC Energy Infrastructure Update

ENERGY EFFICIENCY TIPS & OTHER LINKS

Using your programmable thermostat:

www.energystar.gov/index.cfm?fuseaction=vid_gallery.showGenYTVideo

Programmable thermostat tool:

www.energystar.gov/index.cfm?c=thermostats.progThermostat

Energy Efficient West Virginia

www.eewv.org

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