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Ozarks New Energy Adds Small Nuclear Session to Power Generation Track at Oct. 7-8 Conference

The third Ozarks New Energy Conference, “Connecting With New Energy,” Oct. 7-8 in Springfield has confirmed that **Michael Gregory of Babcock & Wilcox** will present a session on a new approach to nuclear power generation.

Gregory will present “**Small Nuclear: Generation in a Box,**” which will cover details about a modular design approach to nuclear power generation in which 125-megawatt reactors are manufactured as a single unit that can be shipped to and installed on secure, prepared sites.

As previously announced, ONE 3 will offer a power generation track, as well as others on energy efficiency, biofuels, energy efficiency, transportation and food security. The conference, sponsored in part by Associated Electric Cooperative, includes these additional power generation track sessions:

“Smart Grid Technologies & Applications” by **Matt Wakefield, Program Manager – Smart Grid, Electric Power Research Institute**, Knoxville, Tenn. Learn about real-time smart grid projects, including some from KCP&L and Ameren, both investor-owned utilities operating in Missouri.

“Distributed Wind Energy Using Mid-sized Turbines: Market Opportunities, Hurdles & Strategies” by **Charles Newcomb, NextGen Energy Partners**, Boulder, Colo. This technology is a step-down from that used by large commercial wind farms.

“A Case Study for a Small Hydroelectric Facility in the Ozarks” by Mel Eakins, Great River Associates, Springfield. Learn how small hydro projects can generate electricity.

“Carbon Trading for Farmers” by Todd Tolbert of Associated Electric Cooperative, Springfield, and Richard Oswald, president of the Missouri Farmers Union. Learn how farmers can “bank” carbon dioxide in their crops, pastures and woodlands.

“The Role of Natural Gas: Reserves, Markets, Pipelines” by Phil Rullman, director, commercial services, Southern Star Central Gas Pipeline. The session will cover natural gas as a bridge fuel to energy independence and greater use of renewable energy.

“Perennial Crops for Food, Fuel & Electricity” by Trish Jackson, Climate and Energy Project and Kansas Chapter of 25x 25. Learn the latest science on perennial grains and their residues that can be used to generate electricity, power vehicles and provide food.

“Wood for Power: the Pros & Cons” by Henry Robertson, Great Rivers Environmental Law Center, and a speaker from a wood-fueled power plant joint venture will discuss the pros and cons of using Missouri’s abundant woodlands to produce electricity.

The conference also will include a two-hour workshop on **“Home Energy Audits: Energy Efficiency 101 Fix-its” presented by Rick Holmes of Associated Electric Cooperative and Cara Shaefer of Springfield City Utilities.**

The Midwest Energy Efficiency Alliance, Missouri Department of Natural Resource’s Mark Templeton and Renew Missouri will present other sessions, respectively, on **Missouri’s energy efficiency potential, its energy “plan” and the PACE law** recently signed by Gov. Nixon.

Registration for the two-day conference at Missouri State University, Springfield, is available at www.ozarksnewenergy. Early-bird rates of \$75 are good through Sept. 1, and discounts are available for multiple registrations from not-for-profit organizations that are also sponsors.

ONE 3 sponsors to date include Associated Electric Cooperative, BNIM, Carson-Mitchell, College of Natural and Applied Science at Missouri State University, Connelly Mechanical, Drury University, Emerald Ops, Great River Associates, Midwest Energy Efficiency Alliance, National Biomass Producers Association, Oakridge Consulting, Southern Star Central Gas Pipeline, The Alternative Energy Co. and TradeWind Energy.

ONE is a 501(c)3 not-for-profit dedicated to promoting education, knowledge and training about renewable and alternative energy in the Ozarks.

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