

## NEWS HEADLINES AND UPDATES: FROM OUR MEMBERS & ESC CHAPTERS December 3, 2014

### Facility Retrofits for Energy Efficiency (*FREE*)

News and activities reported by our network of State Chapters and ESC members.

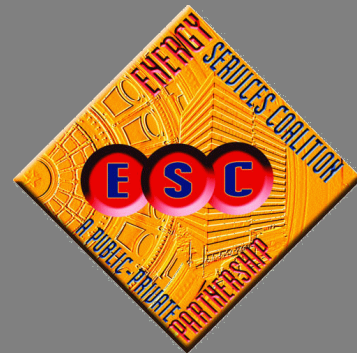


Delaware – The Delaware ESC Chapter held its first Annual Energy Conference at the Delaware Technical & Community College in Staunton,

Delaware last month. More than 100 people attended - representing a wide variety of interests. In addition, there were 15 sponsor booths. Governor Jack Markel was the keynote luncheon speaker, and the new Secretary of Department of Natural Resources and Environmental Control (DNREC), David Small, was the morning keynote speaker. Both spoke about accomplishments thus far in the area of carbon reduction, energy savings, and renewable energy production. Governor Markel focused his comments on resiliency to climate change and the role energy will have in that arena. The conference also featured three other panels that dealt with Creating Jobs, Smart Building Technologies and Innovations, and Funding and Financing Energy Efficiency.



Meet the New  
ESC Board  
of  
Directors  
Executive  
Committee



The ESC Board of Directors held Executive Committee elections in early November and selected the following slate for the organization's leadership positions:

President:  
Tom Walther

Public Sector VP  
David Terry

Private Sector VP  
George West  
Bob Dixon

Treasurer  
Doug Dahle

Governor Markel (right) awaits his introduction as the keynote luncheon speaker. Seated to Gov. Markel's left is Tony DePrima, Delaware ESC Public Sector Chair and Executive Director of the Delaware Sustainable Energy Utility. Others in the photo are Shelley Cohen, Master of Ceremonies, and Dr. Kathy Janiver, VP Delaware Technical Community College.

North Carolina -- The state's ESC members have stepped up to fill slots on the national planning committees for the 2015 ESC Market



Transformation Conference to be held in Charlotte, NC on Sept. 1-2, 2015. Rich Penner has agreed to serve on the Logistics Committee, Rich Penner and Alysa Watkins on the Food and Entertainment Committee, Steve Quirk, Tim Gaspar and CC Maurer have agreed to serve on Agenda Committee, and Len Hoey on the Sponsors Committee. These representatives will serve as liaisons between the national committees and the North Carolina Chapter in the lead-up to next summer's conference.

North Carolina -- The Chapter reports there are three (3) RFPs currently posted for proposed ESPC projects in North Carolina. RFPs are out for the Town of Chapel Hill, Brunswick Community College, and Vance County Schools. An additional two to four RFPs are in the development stage.



Georgia -- The Georgia ESC Chapter met at AGL Resources Auditorium on November 20. The main focus of the

meeting was a discussion of the Georgia Energy Finance Authority's financing programs, including the Energy Production and Energy Conservation Financing for Georgia municipalities. Also highlighted was a new low-interest loan program (0.5-2.3%) with financing up to \$25 million for Waste Water Treatment Plants, Water Treatment Plants, Landfills, and Municipal Solid Waste Facilities. For more information on the financing programs contact Andrea Schroer, GEFA State Energy Program Manager.

Hawaii -- A \$150 million ESPC aimed at cutting

Secretary  
Jim Ploger

The ESC Board of Directors serving two-year terms through October 2016 are listed below:

**ESCO REPRESENTATIVES**

Tom Walther, JCI  
Christine Keck, ESG  
Bob Dixon, Siemens  
John O'Herron, Schenider Electric  
Bob Georgeoff, Ameresco  
Grady Bailey, Sylvania

**STATE REPRESENTATIVES**

Peter Berger, MN  
Amy Butler, Oakland U  
Len Hoey, NC  
Ron Spangler, OH  
Madelaine Shultz, WV  
Eileen McHugh, MA

**EQUIPMENT SUPPLIER/CONSULTANT**

Chris Halpin, Celtic Energy  
George West, H2O Applied Technologies

**FINANCING**

Karen Pelzer, All American Investment Group

**NON-PROFIT**

Doug Dahle, NREL  
David Terry, NASEO

**NASEO REPRESENTATIVE**

Jim Ploger, NASEO

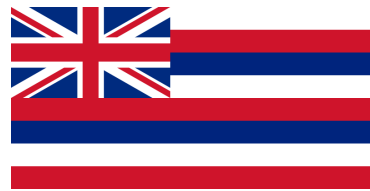
**EXECUTIVE DIRECTOR**

Jim Arwood

**NEWS ALERT**

As of press time the prospects look favorable for a tax extender package that will result in a one-year extension (including §179D Tax Deduction) that would make all expired

energy use by about 50% at Honolulu International Airport will be featured as a "Showcase Project"



under an agreement between the U.S. Department of Energy and the Hawaii Department of Business, Economic Development and Tourism. The efficiency gains equate to \$518 million savings in energy costs over 20 years.



**Michigan: The Detroit Zoological Society has received an award for Economic Leadership in Energy Efficiency from the Pure**

Michigan/Energy Office and Michigan ESC Chapter. The award was given in recognition of the DZS's energy efficiency improvement project at the Detroit Zoo. The \$2 million project promises to save the Zoo nearly \$275,000 in annual utility costs. The DZS's performance contract provides a guaranteed payback of its investment within seven years. The energy efficiency upgrades span more than 50 Detroit Zoo buildings and include installation of additional utility meters and low-flow toilets as well as rooftop unit upgrades and boiler control upgrades. An automated building management system allows the Zoo to monitor the HVAC systems of multiple buildings from one location and make adjustments in real time based on actual conditions.

**South Carolina: A \$43 million contract for energy savings work at Fort Jackson in South Carolina was recently approved under a 22-year**



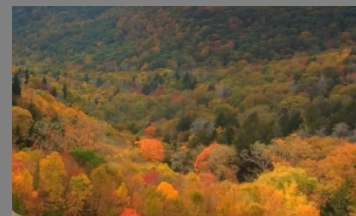
ESPC. The contract calls for improved lighting, control systems, central plant facilities and water systems at the Army base. The ESPC will reduce the base's energy use by 17 percent, water consumption by 12 percent, and carbon dioxide emissions by 12,787 metric tons per year. Over the life of the contract, the base is expected to reap \$106 million in energy and water savings.

**Florida – The Florida ESC Chapter is in the planning**

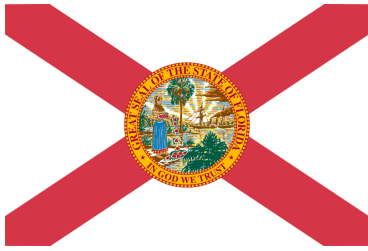
provisions active through the end of 2014. The legislation (HR 5771) extends expired provisions through the end of 2014. Passage of the one-year extension will allow for companies that have participated in energy efficient commercial building projects from 2013-2014 to benefit from the §179D Tax Deduction; however, a one-year extension will create the same uncertainty for 2015 that has existed since the expiration of the tax deduction at the end of 2013.

**SAVE THE DATE**  
Sept 1-2, 2015  
ESC 4th Annual  
Market  
Transformation  
Conference

Hosted by the North  
Carolina ESC  
Chapter



The 4th Annual ESC Market Transformation Conference is scheduled for September 1-2 in Charlotte, North Carolina. The 2015 Conference will showcase innovations, case studies, best practices and more in ESPC and public building energy retrofits. The conference has gained the reputation as being a unique national gathering



stages for a meeting early next year. Tracy Gallentine (Private Sector Chair) is working with Alexander Mack, Florida Office of Energy, on

the follow-up meeting to the workshop held last month in Tallahassee. ESC Board member David Terry presented on the EPA's proposed Clean Power Plan at last month's meeting.

Florida – Bradenton County Commissioners recently approved a \$10 million/20 year ESPC. The project includes a new downtown chiller plant, upgraded lighting systems and a new centralized HVAC control system for the County. Several downtown Bradenton businesses have shown an interest in purchasing chilled water from the County resulting from this project. This will create a new revenue stream for the County and will serve as an attractive, efficient option for businesses in Bradenton that want to avoid installing and maintaining their own chillers.

Florida – The Franklin City Public School Division entered a phase II ESPC project that will save more than \$1.8 million in operational costs by replacing old HVACs, boilers and kitchen equipment. The 15 year contract will not only save money, but lower high CO2 levels throughout the district's school buildings a by-product of an inefficient boiler. At J.P. King Jr. Middle School, the school upgraded the HVAC unit in the operation room and moved to a ductless system in the data room that will increase the life of its IT equipment.

Florida – A \$34 million ESPC at Miami International Airport is making its way through the city government. An IGA estimates the Miami-Dade Aviation Department will realize savings of more than \$40 million over the 14 year proposed contract implementation period. The ESPC will help the county reach its goal of 20 percent energy savings by 2020(from 2009 levels).

New Mexico – New Mexico is in the process of establishing pre-qualified ESCOs for energy performance contracting projects. The plan is



to have several ESCOs on statewide price agreements in early 2015 as part of a strategic planning effort by the WISE (Whole-building Investments for Sustainable

of energy industry experts and public sector thought leaders. Stay tuned for more information.

SAVE THE DATE  
March 24-26, 2015



The U.S. Department of Energy will be hosting a 2.5 day Energy Codes Conference this spring. The conference is scheduled to take place on March 24-26, 2015 in Nashville, TN. The agenda and other details are currently in development.



Intro to the ESC

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**Efficiency) Team. WISE is a collaboration of the Energy, Minerals and Natural Resources Department (EMNRD) and the General Services Department, with State Energy Program competitive award support from the US Department of Energy. Eleven ESCOs responded to the pre-qualification notice. EMNRD and the NM ESC Chapter continue to provide technical assistance for improving and expanding the ESPC program in New Mexico.**

**New Mexico – White Sands Missile Range recently was recognized for its \$16.8 million, 4.5 megawatt ground-mounted solar photovoltaic power plant system spread across 42 acres. Construction was funded through an ESPC. The array includes the ability to track the sun across the sky and provides power for the Headquarters Building, which qualifies it as a Net Zero energy building. The energy the solar array generates is consumed by the installation. The array provides an annual cost avoidance of \$698,000 and saves 30,000 million BTUs of energy per year.**



**New York – The New York ESC Chapter is holding a roundtable discussion at noon on Monday,**

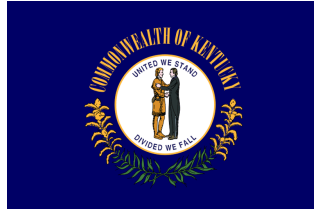
**December 8th, at 6 British American Blvd. Suite C Latham, NY 12110. The roundtable discussion will focus on the upcoming RFQ from New York Power Authority and the New York State Energy Authority to create a list of pre-qualified ESCOs in the state of New York. The meeting will also include dialogue on how to expand the reach and the influence of the NY ESC chapter throughout the state.**

**New York – The Sewanhaka Central High School District has approved an \$86.6 million energy performance contract.**

**New York – The Lewisboro school board recently passed a resolution approving financing for the district's energy performance contract. The \$7.4 million project is expected to save the district \$424,000 annually through energy efficiency improvements to the district's infrastructure over the 18-year term of the contract.**

**New York – The Three Village CSD is issuing a RFP for the selection of an ESCO to perform facility upgrades. Proposals must be received at the District Offices no later than December 22, 2014 @ 11:00 A.M. If you have any questions concerning this RFP, please contact JOHN M. GRILLO at John A. Grillo Architect PC, 1213 Main Street, Port Jefferson, New**

**Kentucky: The Kentucky ESC Chapter held its monthly meeting Nov. 19 in Frankfort. Eighteen members were present and heard an update on the Local Government**



**Energy Retrofit Program. The Kentucky ESC Chapter has provided extensive education for this effort by attending and/or speaking at educational opportunities in support of the work being done at the local level. The Chapter is also in the process of identifying workshops for 2015. The Chapter meeting concluded with a presentation by Paul Gannoe and Dick Mink on the Commonwealth's Energy Management and Control System (CEMCS) – a "big data" program that enables the Commonwealth to gather utility, interval and BAS trend point data for each building and utility type. This data is used for continuous benchmarking and building sequence of operations enhancements. As energy savings projects of all kinds are performed in State facilities the CEMCS will measure, verify and account for usage reductions.**



**Massachusetts – Worcester council approved a \$38.7 million loan for implementation of energy efficiency improvements that are expected to save the city**

**about \$62 million in energy costs over 20 years. The upgrades include retrofitting about 15,000 street lights to LED technology, and retrofitting the lighting at five municipal parking facilities. The new technology will include different brightness settings for each street light that can be adjusted at the base of the light pole. The cost to retrofit the street lights to LED lighting with photocell control is \$9.7 million. That conversion is expected to generate total savings of \$698,822; of that \$537,972 is in reduced energy costs and \$160,850 in operational costs. Other aspects of the contract include construction of an 8.7-megawatt solar photovoltaic array installation at the former Greenwood Street municipal landfill, and a 600-kilowatt solar photovoltaic installation in the parking lot at Beaver Brook Park. The installation of solar panels at the former Greenwood Street landfill has a price tag of nearly \$27 million. It has an estimated 10-year solar renewable energy credit value of \$16**

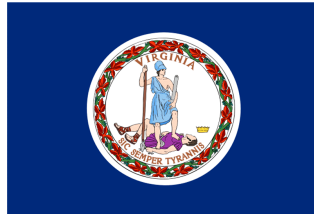
million and, as a result, the payback for the work has been projected at a little more than nine years.

**Massachusetts – Montachusett Regional Vocational Technical School \$10.7 million ESPC is already realizing significant savings in energy usage and costs. The project began in 2012, has a 20-year term, with projected savings of \$13.8 million.**

**Massachusetts – The voters in the Town of Easton approved a ballot measure for an ESPC project that identified \$3,184,157 worth of energy conservation measures. The contracts calls for solar panels on the roof of the Oliver Ames High School and the middle school as part of a power purchase/net metering agreement for a term up to 20 years.**

**Massachusetts – Chelmsford's new \$18 million energy-performance contract will result in a number of heating, cooling and lighting improvements and solar arrays to town-owned buildings, most of which are schools.**

**Virginia – Amherst County schools officials are weighing implementation of a several million dollar ESPC to address energy infrastructure improvement needs in county schools. A 2013 investment grad audit has identified several projects that are under consideration.**



**Maryland – Baltimore County Schools has issued an RFP for a company to review Energy Performance Contract Measurement and Verification**

**Reports. For more information contact Richard Gay. Deadline is 01/09/15 at 2 pm EST.**

**California – The ESC state Chapter is in the process of reactivating the Chapter. Russell Garica was recently selected as the new Private Sector Chair.**



**California - Bishop Unified School District has issued an RFQ for Energy Performance Contractor to facilitate the development of cost-effective energy**

project for school facilities in Bishop, California.  
Deadline is 12/15/14 at 10 am PST.



Wisconsin – With 62 school districts taking advantage of recently enacted legislation for energy conservation projects governed by a performance contract;

the State of Wisconsin's newly launched Municipal Energy Efficiency Technical Assistance Program (MEETAP) was created to provide owner's representative services to schools and municipalities. MEETAP has partnered with The State of Wisconsin's Board of Commissioners of Public Lands (State Trust Fund Loan Program) to offer financing options as well as other services.

Wisconsin – Chequamegon School District in Park Falls has issued an RFQ for an Energy Performance Contractor to perform energy savings improvements in the district. For more information contact David Anderson, District Administrator at [danderson@csdk12.net](mailto:danderson@csdk12.net). Deadline is 12/12/14 at 4 pm CST.

Oregon – Umpqua Community College issued a RFP for an Energy Audit as part of a \$4 million energy performance contract to complete energy



upgrades on campus. The project will include gas boilers for heating and cooling of the buildings in conjunction with HVAC fans, occupancy sensors to each of the rooms and upgrading the lights on campus to more efficient models.



Nevada – The NV Public Works agency is extending the opportunity over the next year for ESCOs to become pre-qualified for performance contracting

work in state and local facilities. The deadline for any new or updated submittals is November 15, 2015. A copy of this Request for Qualifications (RFQ) may be obtained by emailing [wpatrick@admin.nv.gov](mailto:wpatrick@admin.nv.gov) and requesting a copy of the RFQ. Include your company name, address, contact name, phone number, fax



number and e-mail address in your correspondence.

**Alabama – The Alabama ESC Chapter is in the process of planning the relaunch of the Chapter in conjunction with ESC State Liaison, Eddie Riddle. Stay tuned for an announcement of an upcoming meeting.**



*Exciting things are happening with the Energy Services Coalition all around the nation.*



*We are the nation's only public-private-partnership organization leading the charge to deliver the benefits of Energy Savings Performance Contracting.*



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