



Energy Services Coalition A Public-Private Partnership November 2015 Newsletter

NEWS, HEADLINES AND UPDATES FROM OUR MEMBERS & ESC CHAPTERS

ESC State Chapter Facebook and Website Pages Now Live



Under a Cooperative Agreement with the U.S. Department of Energy, the ESC is providing support to all 30 ESC State Chapters to customize their individual state chapter

pages within the ESC website. This work has commenced and pages now contain a News feature that highlights activities going on in each of our partner states.

In partnership with our network of State Chapters, the ESC is showcasing performance contracting activities in each state. News items are being posted to state specific Facebook pages for each of our Chapters -- and these posts automatically roll-over to the state specific website page -- creating an easy and convenient way for our Chapters to update their webpages directly with examples of success.

In addition to providing the technical support for these news updates, the ESC Communication team is working one-on-one with State Chapters to develop additional state specific material for inclusion on the website (i.e. documents and enabling legislation) that is of interest to the state's

Faces in the Crowd



Ali Zaidi, Associate Director for Natural Resources, Energy and Science, Office of Management and Budget at the White House, was the luncheon keynote speaker at the 2nd Annual Delaware Energy Conference sponsored by the Delaware ESC Chapter.

performance contracting community. The goal is to make the Chapter webpages the one-stop clearinghouse for information on state-level performance contracting, including the procurement and contracting process, and success stories of the state's performance contracting projects.

For more information visit either the State Chapter webpage or Facebook page by clicking on the links below:

Alabama Chapter [website](#) or [Facebook](#)
Arizona Chapter [website](#) or [Facebook](#)
Arkansas Chapter [website](#) or [Facebook](#)
California Chapter [website](#) or [Facebook](#)
Colorado Chapter [website](#) or [Facebook](#)
Delaware Chapter [website](#) or [Facebook](#)
Florida Chapter [website](#) or [Facebook](#)
Georgia Chapter [website](#) or [Facebook](#)
Kansas Chapter [website](#) or [Facebook](#)
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New York Chapter [website](#) or [Facebook](#)
North Carolina Chapter [website](#) or [Facebook](#)
Ohio Chapter [website](#) or [Facebook](#)
Pennsylvania Chapter [website](#) or [Facebook](#)
South Carolina Chapter [website](#) or [Facebook](#)
Tennessee Chapter [website](#) or [Facebook](#)
Texas Chapter [website](#) or [Facebook](#)
Virginia Chapter [website](#) or [Facebook](#)
West Virginia Chapter [website](#) or [Facebook](#)
Wyoming Chapter [website](#) or [Facebook](#)

To find out how you can become involved in the management of your Chapter's website or Facebook page contact [Jim Arwood](#). If you would like to provide an update or suggest new content for your Chapter's pages send information to [Jim Arwood](#).

Facility Retrofits for Energy Efficiency (*FREE*)

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



Michigan Agency for Energy/Michigan Public Service Commission accepts the 2015 ESC Award for Economic Leadership in Energy Efficiency. Pictured (L to R) John Quackenbush, Chairman, Michigan Public Service Commission; Diane Mills, Vice-President, Michigan ESC Chapter; Robert G. Ozar P.E., Assistant Director, Electric Reliability Division, Michigan Public Service Commission. Photo courtesy of Doug Elbinger, Newman Consulting Group LLC.

Cooperative Agreement Update:

Facilitating Public Sector Energy Savings Performance Contracting through Statewide Public-Private Partnerships

Through a Cooperative Agreement with the U.S. Department of Energy (DOE), ESC is able to provide direct technical assistance to a limited number of states (3 to 5) on guaranteed energy savings performance contracting; building expertise in the states for the procurement/contracting process and implementation of performance contracting program elements. For more information [click here](#).

In the Spotlight: Delaware Green Light for



Texas: The Water Environment Research Foundation (WERF) recognized the City of Fort Worth's Village

Creek Water Reclamation Facility (VCWRF) with its Award for Excellence in Innovation for the implementation of a series of sustainable facility upgrades. VCWRF executed a \$35-million 12.5 year Energy Savings Performance Contract with goal of energy neutrality through improving electrical facilities, converting some processes to alternative energy sources, and improving methane gas production.

To date, this project has reduced electrical consumption by an additional 39 percent, allowing VCWRF to meet up to 75 percent of its energy demand. The reduced electrical consumption has also lowered the facility's carbon footprint by nearly 58,000 metric tons of greenhouse gas emissions. The contract is guaranteed to reduce electrical cost by approximately \$2.5 million annually.

Ohio The Cuyahoga Metropolitan Housing Authority Purchasing Department is evaluating proposals for a Uniform physical condition standards (UCPS), energy performance contract and appliance inventory annual agency-wide inspections. For more information contact Brian J. Marlin, Contract Administrator.



New York The Phoenix Central Schools District #1 is evaluating bids received for an energy

performance contract. Inquiries can be directed to Keith Watkins, Director of Facilities.

Energy Performance Contracts in 2016



Thomas Cook, Cabinet Secretary for the Delaware Department of Finance, announced the state will finance energy efficiency improvement projects in 2016 through a Delaware Sustainable Energy Utility (DESEU) Energy Efficiency Energy Utility (DESEU) Energy Efficiency Bond Issue. The announcement was made as part of the Delaware ESC Chapter's Energy Conference on October 21. The state has set a goal of funding \$75 million in energy saving performance contracts for state agencies and school districts.

More than 100 people attended the 2nd Annual conference. Tom Walther, ESC Board President provided the welcome. The conference agenda included three engaging panels: Microgrids: The Elements & Applications for Delaware's Energy Future; Making Energy Contracting Work for Small and Medium Buildings; and Preparing for the 2016 Delaware Sustainable Energy Utility Energy Efficiency Bond Issue. The Luncheon Keynote Speaker was Ali Zaidi, Associate Director for Natural Resources, Energy and Science, Office of Management and Budget, The White House, who presented on financing America's Clean Energy Transformation and unlocking low-cost capital.

[Click here](#) to read Delaware's Green Light letter outlining the state's 2016 bond issue.

New Hampshire:
The Hillsboro-Deering School District is evaluating proposals for an ESCO to conduct a detailed energy audit of facilities and implement an ESPC in order to identify and implement capital improvements to reduce energy and related costs in facilities such that the annual cost savings are applied to annual payments for improvements.



Pennsylvania:
Following up on a lengthy discussion at a recent workshop, the United School Board voted to issue a request for

proposals for a guaranteed energy savings performance to three ESCOs selected as finalists after responding to the district's initial request for qualifications. United is considering an agreement with one of the three ESCOs to pursue proposed upgrades in energy efficiency at the high school including: Converting the heating system for use of natural gas rather than oil as a primary fuel; installing new lighting in areas not included in the high school's recent renovations; replacing windows; and adding weatherstripping.

New York -- At the Oct. 6 meeting of the City School District of New Rochelle Board of Education, district



officials unveiled a proposed \$50 million bond that would be used entirely to pay for repairs at 10 city schools and would include energy improvements through an GESPC. The referendum on the bond will be held on Dec. 15. The district expects to save over \$5.4 million in energy costs each year as a result of the work.



Louisiana -- Orleans Parish has issued \$7.5 million in Qualified Energy Conservation Bonds for the Louisiana

Stadium and Exposition District to construct,

In the Spotlight: Michigan's Annual ESC Award Luncheon



Celebrating Success: Michigan Style

On November 4, the Michigan ESC Chapter held its 5th Annual Awards event in Lansing. The Chapter recognized five public sector partners for its Leaders in Efficiency award.

The honorees included:

- City of Roseville;
- Michigan Agency for Energy/Michigan Public Service Commission;
- Monroe Metropolitan Wastewater Facility;
- Village of Grosse Pointe Shores;
- Wayne State University.

"Michigan's government is leading by example by actively seeking cost-effective ways to cut energy waste. It is only fitting that the state's energy experts demonstrate the effective use of multiple innovative tools for energy waste reduction," said Valerie Brader, Michigan Agency for Energy's executive director.

Collectively, the award recipients have invested nearly \$18.7 million as a result of setting in place energy efficiency improvements through performance contracting. The investments are saving more than \$1.05 million annually.

Earlier this year, the Michigan ESC Chapter Awards program was recognized

acquire and improve energy facilities as part of an energy retrofit project pursuant to the Energy Savings Performance Contract.

Florida -- Zoo Miami is about to bank on its zoo-doo. To boost its sustainability, the zoo was one of 35 county facilities included in a \$9.5



million GESPC. The zoo installed a giant machine that will turn animal and plant waste into super-rich composted material in just four days. The performance contract will reduce the county electricity consumption by 20% from 2007 levels and reduce energy density by 20% from 2009 levels.



New York. The Town of Southold is accepting bids for an Energy Performance contract on town

facilities. A non-mandatory pre-bidder's conference was held on November 5 at the Supervisors Conference Room located in Southold Town Hall. Deadline for bids is 2 pm on November 19. For more information contact James Richter, Town Engineer.

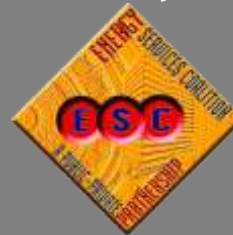
California -- School officials gathered for a kickoff ceremony at Pinon Mesa Middle School to mark the launch of a \$6.2 million



energy efficiency project within Snowline Joint Unified School District. The cost of Snowline's project will be fully funded over time by leveraging Prop. 39 funds and the energy and operational savings that will result from the project's installation. The project is set to be completed by August 2016 and will reduce SJUSD's energy costs by 28 percent and reduce overall energy and maintenance costs by nearly \$8.5 million over the next 20 years.

by the ESC as an outstanding chapter activity and included as Key Attribute for Program Readiness. The Key Attributes acknowledge a recognition/award program as a powerful strategy that reinforces the importance and benefits of saving energy in public facilities. High-profile success can help GESPC gain acceptance and encourage others to take similar action.

In the Spotlight: ESC Case Study Database



The Energy Services Coalition maintains a database of case studies on its website. Presently there are 566 energy performance contracting case studies in a searchable database. Categories include federal, state and local and subsets range from correctional facilities to waste water treatment plants, and from K-12 to health care facilities. [Click here](#) to view the database. To submit a case study to the database [click here](#).

In the News: Arizona Success Stories



South Dakota -- Deuel School District 19-4 in Clear Lake, is in the process of evaluating bids received for an

energy performance guarantee contract. Contact Dean Christensen for more information.

Texas -- Just a few months after the initial \$5.799 million Energy Savings Performance Contract was implemented to



improve county buildings (including the Courthouse, Juvenile Justice Center and Agricultural Extension Office), Brown County Commissioners approved a \$1.258 million phase two of the project. The second phase includes demolition of the Daniell Building, which had been located in the 600 block of North Fisk Avenue and construction of a new 4000 sq. ft. energy efficient structure that will house the Elections Administration and Treasurer's offices for Brown County.



North Carolina -- The State Construction Office is seeking bids to engage qualified ESCOs to design and implement energy

conservation measures to be financed through a GESPC contract. Bids are due Dec. 15. For more information contact Robert Talley at the State Construction Office.

South Dakota -- The Iroquois School District 2-3 is seeking bids from companies to provide products and services under an energy performance contract with provable energy savings. Bids are due Nov. 12, 2015. For more information contact Jill Cundy, Business Manager.



On October 26th, the Arizona Republic ran an article in the Sunday Business Section highlighting performance contracting success stories in Arizona.

Arizona examples of energy contracts paying off included:

- Chino Valley School District initiated a contract in 2012. Savings have increased each year. John Scholl, support services director, said the deals are saving money with energy saved, plus the updated heating, ventilation and air-conditioning systems save money on maintenance.
- Pinal County entered its first contract in 1999 and now has 29 facilities under contract, saving a total of more than \$600,000 a year.
- The City of Tucson is working on a contract for 22,000 street lights. The new LED fixtures will save energy and costs and also comply with the so-called "dark sky" standards.
- Arizona State University, University of Arizona and Northern Arizona University all have contracts. ASU saves 29 percent on energy annually, or \$5 million a year.
- In 2010 the Department of Corrections completed a \$5 million contract for energy and water measures at its Tucson complex. During the first year after installation, electricity consumpt



Arizona -- When the sprinklers come on in the Washington Elementary School District, you can bet the

soil needs a drink. The district has planted wireless irrigation controllers that measure moisture in the soil ensuring the system only turns on when it's needed. The irrigation system is part of a 15-year GESPC. In a 14-month period, from April 2014 - June 2015, the district saved \$200,000 on its water bills in comparison to the previous 14 months. High efficiency equipment has been installed throughout the district schools, replacing 371 faucets, 322 toilets and 99 urinals, significantly reducing the gallons per flush as well as gallons per minute.

Texas -- The Ferris Independent School District 905 is accepting bids until Nov. 12 to develop, design, install, and



manage performance of an energy efficiency and conservation program in the district. For more information contact T.J. Knigh.

ion fell by 18 percent, a \$230,000-a-year savings.

To read more [click here](#).

How Can You Can Get In On The Action?

Did You Know: Each State Chapter has its own website page within the [ESC website](#). These pages are available to Chapters as a way to communicate information as it relates to performance contracting in your state.

To find out how you can become involved in the management of your Chapter's website and/or your Chapter Facebook page contact [Jim Arwood](#).

If you would like to provide a newsletter article, Chapter update or suggest new content for your Chapter's pages send information to [Jim Arwood](#).

[JOIN TODAY](#)

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.

