



Energy Services Coalition **A Public-Private Partnership** **December 2015 Newsletter**

NEWS, HEADLINES AND UPDATES **FROM OUR MEMBERS & ESC CHAPTERS**

Energy Services Coalition Chapter Purpose:



What is the purpose of an ESC Chapter? Chapters serve a critical role in the education of the marketplace. Chapters develop and disseminate state-specific information

about energy efficiency and how increased energy efficiency can be provided, encouraged and acquired. The Chapter framework encourages all interested parties to come together to work cooperatively in achieving this primary goal.

A secondary role for Chapters is to serve as a vehicle for members to work together to identify and develop solutions to state-specific issues. When issues arise a well-organized Chapter can provide a local-state specific problem solving capacity to eliminate barriers that impact the use and utilization of performance contracting.

Most Chapters focus on education and outreach and the reduction of barriers to GESPC as the primary state-specific areas where the Chapter can play a key role. Examples of activities that support these objectives range from a singular activity to multiple activities. Most Chapters have

Cooperative Agreement Update

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

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 performance contracting community. The goal is to make

conducted one of the following endeavors in support of fulfilling these concerns:

1. Providing outreach and education as a working group of energy experts, both public and private sector about how:

- GESPC can accomplish infrastructure modernization that there are no public funds to support;
- GESPC reduces energy consumption;
- GESPC creates jobs;
- GESPC helps achieve clean air quality goals;

2. Working together in a public-private partnership to identify barriers to the use of performance contracting and offer solutions to those barriers;

3. Recognize successful projects and help maintain case study libraries of project accomplishments and ongoing verification of savings achieved;

4. Offer workshops and training seminars to educate all market segments on the benefits of energy performance contracting;

5. Assist with and provide support of the development of state and local policies and procedures that enhance the widespread use of energy performance contracting;

6. Provide ongoing maintenance of a vibrant, interactive Chapter web page (on the national ESC website) with links to authorizing state laws, PowerPoint presentations, and their state's respective resources making it easy for prospective GESPC users to find and review.

Since circumstances vary from state to state, each Chapter should define its own purpose and chart a path of active engagement to fulfill that purpose. Chapters that have a clearly defined purpose and have undertaken a plan to address these issues -- by and large contribute to an increased uptake of GESPC in a state.

In an effort to help our Chapters grow and increase their effectiveness, the ESC has compiled a living document on its website

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.

In the Spotlight: Michigan ESC Chapter 5th Annual Awards



In recognition of significant energy waste reduction investments and proven energy cost savings at facilities throughout the state, the Energy Service Coalition-Michigan Chapter recently presented five Leaders in Efficiency award.

The honorees at the Energy Service Coalition Fifth Annual Awards event included the City of Roseville; the Michigan Agency for Energy/Michigan Public Service Commission; Monroe Metropolitan Wastewater Facility; the Village of Grosse Pointe Shores; and 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, MAE's executive director. "The Michigan Agency for Energy and the Michigan Public Service Commission are proud to be among this year's award recipients."

entitled "Chapter Playbook". This document provides examples of the role Chapters have played in advancing GESPC in their state:

- [Chapter Purpose](#)
- [Education and Outreach](#)
- [Barrier Identification](#)
- [Recognition](#)
- [Other Events](#)
- [Chapter Meetings](#)

Facility Retrofits for Energy Efficiency (*FREE*)

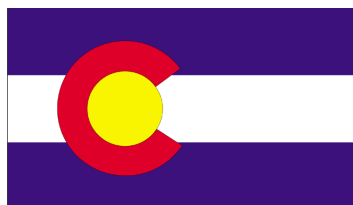
News and activities reported by our network of State Chapters and ESC members.



Colorado: Clear Creek County should be able to save about \$50,000 in utility and maintenance costs

annually by following recommendations from an energy audit of 18 county buildings. The audit was part of Colorado's Public Energy Performance Contracting program and was performed by a pre-approved ESCO.

Colorado: University of Northern Colorado is in the process of evaluating proposals for a \$9



million Energy Performance Contract Financing package. Financing is sought for multiple facility improvement measures under an existing ESPC. Financing will cover up to 20 capital projects that will result in long-term energy savings and

Collectively, the 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.

The performance contract allows the customer to make energy and water cost-saving improvements to facilities and equipment, and pay for the improvements using future avoided energy costs.

"The performance contract is a great solution for public organizations that don't have the financial resources to implement energy saving solutions," said Jim Arwood, ESC executive director. "It is an investment in our public buildings that not only pays for itself, but it provides a strong catalyst for job growth in local communities."

The annual awards event attracts energy efficiency experts from around the state and this year the event was held at the offices of Michigan Agency for Energy/Michigan Public Service Commission - an award recipient. The event included presentations by Brader, and Cheri Holman, executive director U.S. Green Buildings Council - West Michigan Chapter.

Below is a list of project size and savings for each of the honorees at Energy Service Coalition (Michigan Chapter) Fifth Annual Awards:

- City of Roseville: \$3.4 million and \$98,000 in annual savings;
- State of Michigan Agency for Energy and the Michigan Public Service Commission: \$437,729 and \$25,000 in annual savings;
- Monroe Metropolitan Wastewater Facility: \$10.3 million and \$355,060 in annual savings;
- Village of Grosse Pointe Shores: \$3.2 million and \$200,810 in annual savings;
- Wayne State University: \$1.4 million and \$368,581 in annual savings

reductions in utility costs. Those savings will pay for the projects over a period of no more than 15 years.



Wisconsin: The Brown County Purchasing Department has issued an RFP for Energy Performance

Contract Services to replace existing energy consuming equipment and infrastructure with more efficient equipment and controls. A non-mandatory site visit is scheduled for Dec. 14. Bids are due December 28, 2015. For more information contact Brown County Purchasing.

Minnesota: Hutchinson's 400-kilowatt solar array is now operational. The electricity will



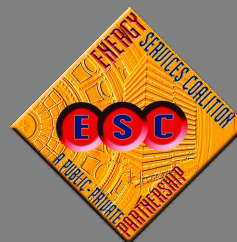
supply 12 to 15 percent of the power needed to run the city's adjoining wastewater treatment plant. Almost two-thirds of the cost of the \$1.5 million array was covered by a \$958,000 Renewal Development Fund grant from Xcel Energy. The city's share was about \$510,000. An energy performance contract calls for a guaranteed payback of the city's investment in about 18 years, but officials believe that could be as short as about 14 years. The array will come with a 25-year warranty.



Kansas: The USD 503 Board of Education (Parsons) approved entering into a contract to

enhance the district's energy performance and savings through participating in a facility conservation improvement program. The ESPC is contingent on legal review and approval of financing. It is anticipated the district can secure an interest rate of 3.5 percent over the course of 15 years.

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: Virginia Success Stories



The Virginia Department of Forensic Science (DFS) was recently recognized for showing significant achievements in efficiency and sustainability with the 2015 Energy Efficiency Leader Award. DFS leaders expect that the improvements, when completed later this year, will reduce energy consumption by over 40 percent and save more than \$1 million of taxpayer dollars in annual energy and operating costs. The project also supports

North Carolina:

The board of trustees of Sandhills Community College has approved a



Guaranteed Energy Savings Performance Contract to install energy conservation measures that should reduce energy consumption and energy-related operating costs at both the Moore and Hoke County campuses of the College. The project is financed through a \$4.79 million tax-exempt equipment installment financing agreement for 19 years plus a one-year construction period.



Virginia: The Pittsylvania County Board of Supervisors is evaluating proposals for Financing for a

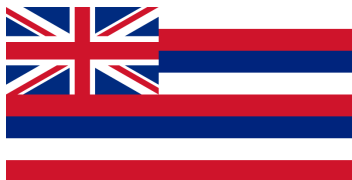
new Guaranteed Energy Performance Contract for county facilities.

Delaware:

Department of Finance, announced the state will finance energy efficiency improvement



projects in 2016 through a Delaware Sustainable Energy Utility (DESEU) Energy Efficiency Bond Issue. The announcement was made as part of the Delaware ESC Chapter's Energy Conference. [Click here](#) to read Delaware's Green Light letter outlining the state's 2016 bond issue.



Hawaii: The state Department of Transportation's Airport Energy Savings Program

is expected to result in nearly \$500 million in energy cost savings during a 20-year period. In

Gov. Terry McAuliffe's 2014 Virginia Energy Plan on reducing energy consumption in state buildings and his Executive Order 31 which directs state agencies to reduce their electricity consumption in state buildings by 15 percent by 2017. DFS funded the improvements with a performance contract via the Department of General Services energy services company program for public bodies of the Commonwealth.

In the News: Arizona Success Stories



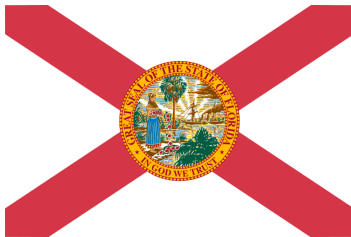
Washington Elementary School District in downtown Phoenix has saved more than \$200,000 in a 14-month period, from April 2014 - June 2015, on its water bills in comparison to the previous 14 months. Through a GESPC the District has installed high efficiency, replacing 371 faucets, 322 toilets and 99 urinals, significantly reducing the gallons per flush as well as gallons per minute.



Washington School District is reducing water consumption through a Guaranteed Energy Savings Performance Contract.

2013, the DOT entered into a GESPC which guaranteed reduction of energy use by nearly 50 percent. The project provides energy reduction improvements at 12 state airports. The project started construction in Jan. 2014 and is expected to be completed in Dec. 2016. Besides the \$496.2 million in guaranteed savings in energy costs over a 20-year period, the project is expected to save \$20.2 million in tax revenues, \$148.5 million in income to households and generate 867 jobs each year for the first two years of construction/installation. It also will use \$4.3 million in energy efficiency rebates from Hawaii Energy, 74,500 light fixtures and 372 transformer replacements, as well as 8,748 solar photovoltaic panels for a total of 5.2-megawatts installed.

Florida: DeSoto County is in the process of initiating an investment grade technical energy audit and project development contract of the county's water/wastewater facility.



Virginia: Suffolk Schools Superintendent Deran Whitney reported at the City School Advisory Committee on

Collaborative Fiscal Concerns meeting that proposals are due Dec. 1 from a handful of contractors that have been selected to give preliminary evaluations of how much the two bodies (city and schools) could save through an energy performance contract.

Illinois: A push to upgrade Decatur water meters is nearly 98 percent complete. The project includes the replacement of more than 30,000 water meters as part of larger performance contract that was implemented in February of 2014. The meter project is the largest part of efficiency upgrades



How Can You Can Get In On The Action?

Did You Know: Each State Chapter has its own website page(s) 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.

- [Alabama Chapter](#)
- [Arizona Chapter](#)
- [Arkansas Chapter](#)
- [California Chapter](#)
- [Colorado Chapter](#)
- [Delaware Chapter](#)
- [Florida Chapter](#)
- [Georgia Chapter](#)
- [Kansas Chapter](#)
- [Kentucky Chapter](#)
- [Louisiana Chapter](#)
- [Maryland Chapter](#)
- [Massachusetts Chapter](#)
- [Michigan Chapter](#)
- [Minnesota Chapter](#)
- [Mississippi Chapter](#)
- [Nevada Chapter](#)
- [New Hampshire Chapter](#)
- [New Mexico Chapter](#)
- [New York Chapter](#)
- [North Carolina Chapter](#)
- [Ohio Chapter](#)
- [Pennsylvania Chapter](#)
- [South Carolina Chapter](#)
- [Tennessee Chapter](#)
- [Texas Chapter](#)
- [Virginia Chapter](#)
- [West Virginia Chapter](#)
- [Wyoming Chapter](#)

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](#).

expected to save the city \$23 million over time.



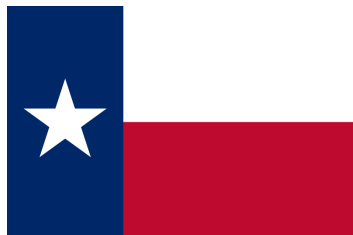
North Carolina --
The State
Construction
Office is seeking
bids to engage
qualified ESCOs to
design and

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.

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](#)

Texas -- The Ferris
Independent
School District 905
is evaluating bids
to develop,
design, install,
and manage



performance of an energy efficiency and
conservation program in the district.



Montana: The
Public Housing
Authority of Butte
has issued an RFP
for the design,
acquisition,
installation,

modification, maintenance and training in the
operation of existing and new equipment, all
aimed at reducing energy consumption and cost
cost associated with the heating and ventilation
system, the lighting system, the water system,
and other energy using devices. Bids are due
Dec. 14, 2015. For more information contact Erica
Lasher at the Public Housing Authority of Butte.

South Dakota *
The Iroquois
School District 2-3
is evaluating bids
from companies to
provide products



and services under an energy performance
contract with provable energy savings.



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

