

ECG Engineering's Kendra McQuilton Presents at NYSCOSS 2014 Winter Institute

Kendra McQuilton, ECG's Director of Business Development, presented the many benefits of the Energy Performance Contracting process at the 2014 New York State Council of School Superintendents Winter Institute and Lobby Day (March 2014).

The presentation included a summary of the Energy Performance Contracting (EPC) incentive program, projects eligible for EPC, advantages of performing an EPC over a traditional capital project, and several case studies.

If you need a timely topic and speaker for an upcoming event, please contact Kendra McQuilton at (631) 360-0006.



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ECG Engineering is a licensed engineering firm specializing in Energy Performance Contract (EPC) consulting, design, and management. Our model ensures our clients enjoy the many benefits of EPC without risk.

To learn more about ECG's "Energy Performance Engineering" service and how it can help your organization advance its energy, infrastructure, and financial objectives, please visit www.ecgengineering.com.

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Currents

Energy Efficiency Solutions For Government and Educational Leaders



ECG Selected as Energy Consultant by Pennsylvania Department of General Services, Achieves COSTARS Contract

ECG Engineering, P.C. (ECG) was selected as the winning proposer on a competitive RFP for Energy Performance Engineering Services (EPE) by the Pennsylvania Department of General Services (DGS). . [More on Page 2...](#)

ECG Engineering Expands Service Territory to New Jersey

Now Providing Services to Support the Implementation of NJ BPU's Energy Savings Improvement Program (ESIP)

ECG is pleased to announce our expansion into New Jersey to provide technical support and design services to government entities that wish to enjoy the benefits of the Energy Savings Improvement Program (ESIP). [More on Page 2...](#)

In This Issue...

Cover & Page 2

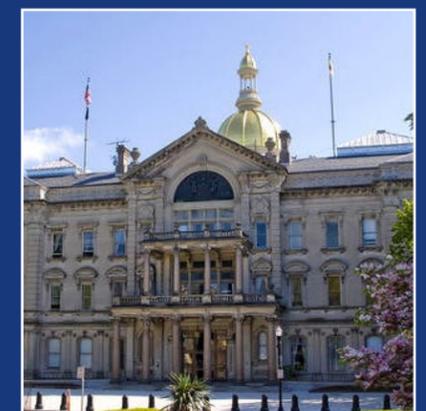
- ECG Selected as Energy Consultant by Pennsylvania Department of General Services, Achieves COSTARS Contract
- ECG Engineering Expands Service Territory to New Jersey

Page 3

- Town/School District of Southington, CT
- Levittown School District

Page 4

- ECG Engineering's Kendra McQuilton Presents at NYSCOSS 2014 Winter Institute





The Dallas, PA State Correctional Institution is developing a large-scale energy efficiency project.

Continued From Cover...

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ECG Engineering, P.C. (ECG) was selected as the winning proposer on a competitive RFP for Energy Performance Engineering Services (EPE) by the Pennsylvania Department of General Services (DGS). We have since entered into a contract with DGS to develop a comprehensive program to implement no-cost Energy Performance Contracting (EPC) state wide. In that regard, we are conducting a large pilot project at the state correctional institution (SCI) at Dallas PA. In addition, ECG has received final approval of a contract from the PA DGS COSTARS Program (COSTARS-030-007) to provide this same service to all governmental units participating in the COSTARS program.

With this COSTARS contract, all Pennsylvania Governmental Units (Public Colleges & Universities, State Agencies, Cities, Counties, Towns, School Districts, etc.) are able to select ECG to provide comprehensive Energy Consulting Services without the need for competitive bidding and Request for Proposals. There is no out-of-pocket expense, no deficit and no risk to the agency because the EPC project is guaranteed to pay for itself entirely with energy savings. This is different from a capital project in that all equipment installed is guaranteed to perform efficiently for the entire project term (15-20 years) and therefore deliver the savings promised every year of the project. In addition, all ECG projects provide a positive cash flow and exceed the guaranteed energy savings by an average of 30% which provides additional cash that can be used for other purposes. EPC allows your Agency to use money presently being wasted on Energy to fund large capital improvements, stimulate the economy and create jobs without cost.



New Feature Projects

Town/School District of Southington, CT

The Town of Southington recognized the benefits that Energy Performance Contracting could bring to its community; however, Town Managers wanted to ensure the Town received the greatest possible value for its energy savings. Town officials selected ECG Engineering, P.C. through a competitive process. Our first task was to review proposals received from ESCO's. ECG's past experience with all of the respondents allowed us to provide first-hand insight into the strengths and weaknesses of each. We are now working with the Town and selected ESCO to finalize the Investment Grade Energy Audit -- the foundation of the Energy Services Agreement.

PROJECT HIGHLIGHTS

- LED streetlights
- lighting upgrades and controls
- upgraded water fixtures
- weatherization improvements
- energy management system upgrades
- retro-commissioning
- energy efficient motors
- variable frequency drives
- boiler controllers
- fuel switching
- boiler replacement
- burner replacement
- HVAC upgrades
- computer power management software
- energy efficient transformers
- power factor correction
- walk-in refrigeration upgrades

Project Size: \$8.6 Million | **Cash Flow:** \$ 73,926
Total Value: \$8.7 Million | **Annual Energy Savings:** \$556,431
Reduction in Energy Costs: 22% | **Completion Date:** Est. Summer 2015
Project Description: Energy Performance Contract

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ECG Engineering Expands Service Territory to New Jersey

As part of the ESIP Program, many entities have participated in the New Jersey Board of Public Utilities' Local Government Energy Audit Program, but have yet to move forward on the report's findings. ECG's services are designed to help these entities continue with and complete the ESIP process. We will provide critical technical consulting to help the Owner solicit and interpret competitive ESCO proposals, negotiate a fair contract, ensure the design and construction of the project are in conformance with all applicable laws and standards, and ensure the energy savings are real and measurable.

If your organization has taken the important first step of performing an Energy Audit, ECG can help you take action on that investment. Please call us today to discuss how ECG can help your organization realize the many benefits that result from following through with a comprehensive energy improvement project.



"NJ BPU's Mission - To develop & regulate a competitive, economically cost effective energy policy that promotes responsible growth & clean renewable energy sources"

Levittown School District, NY

The Levittown School District approached ECG after receiving an energy audit through a state-sponsored program. The District wanted to see if additional saving opportunities could be uncovered through a traditional Energy Performance Contract (EPC). The result was an EPC that was three times the size of the audit's scope of work, and a project that is not only tax- and budget-neutral but will also produce an annual positive cash flow.



PROJECT HIGHLIGHTS

- Lighting System Upgrades
- Energy Management System Upgrades
- Premium Efficiency Motors & Pool Pumps
- Steam Trap Replacement
- Building Envelope Improvements
- Water Conservation
- Boiler Controllers
- Waste Oil Furnace
- Fuel Catalyzer Installation
- Solar Photovoltaic System
- Block Heater Controls
- Energy Efficient Transformers

Project Size: \$10.3 Million
Cash Flow: \$3.9 Million
Total Value: \$14.2 Million
Annual Energy Savings: \$571,046
Reduction in Energy Costs: 31%