

# Accelerated Energy Program Newsletter

## April / May 2013



Vendor Outreach Event - Fall River (May 21)

DCAMM Commissioner Carole Cornelison presents to the group of 60 attendees that came to the latest event. The crowd represented approximately 45 companies, 30 of which are new to the AEP.

## PROGRAM UPDATES

- **Four proposals received** on May 10 for a comprehensive energy and water retrofit at Berkshire House of Correction in Pittsfield. Construction costs are estimated at \$5 million.
- **Eight** vendors have been contracted for AEP Utility Vendor projects through April.
- **A fourth** Vendor Outreach event was held on May 21 at UMass Dartmouth's Advanced Technology and Manufacturing Center in Fall River.

## DEPARTMENT OF ENERGY RECOGNIZES MASSACHUSETTS!

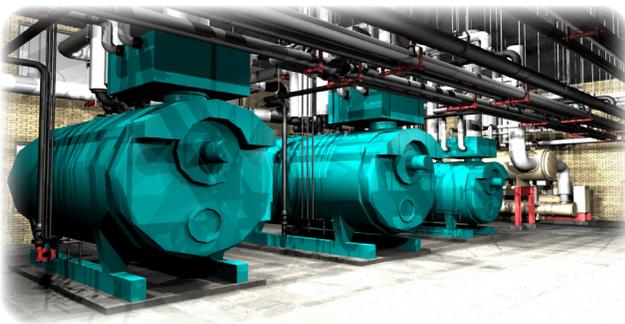
*Comprehensive energy project at Hogan & Wrentham sites selected as a showcase project for the U.S. Department of Energy's (DOE) Better Buildings Challenge!*



The DOE's Better Buildings Challenge (BBC) is a nationwide initiative that targets a 20% energy reduction by 2020 at businesses, colleges, and universities, and state and local governments. Massachusetts is one of six states that has joined the challenge. The DOE has recognized the

recently completed energy retrofit at Hogan Regional Center and Wrentham Developmental Center as a model for innovative strategies to achieve significant energy and cost reductions. The project was especially noted for its inclusion of federal, state, and utility funding sources. The \$24 million project is expected to **save over \$2.5 million in energy and maintenance costs each year and reduce the annual energy use of the facilities by 48%!**

Visit: <http://bit.ly/HoganWrentham>



Wrentham Developmental Center (3D image of proposed boilers): Innovative design techniques, such as Building Information Modeling (BIM) helped the Hogan/Wrentham project earn showcase project status.



Wrentham Developmental Center: Upon final installation, the new boilers are helping the facilities cut their energy use nearly in half.

## PROJECT HIGHLIGHT: *Department of Youth Services - Westborough*



Department of Youth Services - Westborough

In 2007, construction on the DYS Zara Cisco Brough Center for girls in Westborough was completed and certified LEED Silver. Through an AEP retrocommissioning project, AEP project managers and consultants from CLEAResult are working on an energy audit for the entire facility, focusing on interior and exterior lighting, HVAC controls, and window upgrades. When implemented, these measures could potentially save the facility an additional **22% in energy costs per year, and reduce CO<sub>2</sub> emissions by 21%!**

## RENEWABLE ENERGY PROGRESS

*Commonwealth reaches solar PV target 4 years early!*

On May 1st, Governor Patrick announced that his Administration's goal to install 250 megawatts of solar PV energy was achieved **four years ahead of schedule, up from only 3 MW in 2007!** At the same time, the Governor set a new aggressive goal of 1,600 megawatts of installed solar PV by 2020. State facilities have played a role in this dramatic increase, with more than 7 MW installed on state property. In addition, total installed wind capacity as of May 1 has reached 103 MW, thanks in part to AEP and other projects at state facilities, including installations at Mt. Wachusett Community College and NCCI Gardner. Some 10 MW of wind are currently installed at state facilities, helping move the Commonwealth closer to **Governor Patrick's goal of 2,000 MW of installed wind by 2020.**



### Did you know?

The 103 megawatts of wind capacity generated in the Commonwealth is enough electricity to power over **125,000 single-family homes!**

For more information on the AEP, contact:

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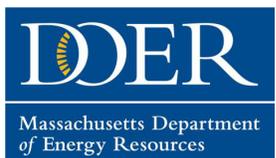
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[mass.gov/DCAM/AEP](http://mass.gov/DCAM/AEP)



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