

August 2012

What's Inside:

- Save the Date for the 2012 Annual Energy Team Meeting
- 2011 Benchmarking Results are in!
- Announcing dates for BOC-2 and CEM training
- Spotlight on: Comprehensive Energy Efficiency Retrofit at DSNY's 26th Street Repair Garage

Save the Date for the 2012 Annual Energy Team Meeting

Please join DCAS Energy Management and other Agency Energy Team members on Thursday September 27 from 9am to noon for the Annual NYC Energy Team Meeting. Watch for details in a forthcoming email!

2011 Benchmarking Results (and Updated 2010 Results) are in!

On Friday August 24th, DEM submitted Citywide energy benchmarking results to the Department of Finance, as part of the City's [Greener, Greater Buildings Plan](#). Benchmarking scores and Energy Use Intensity (EUI) for City government buildings for both 2010 and 2011 can be found on [DOF's website](#) in PDF format and also on [NYC Open Data](#) in Excel format. Scores are listed according to building, block & lot; address; operating agency; and facility name.

Announcing dates for upcoming BOC-2 and CEM training

Building Operator Certification – Level 2 (BOC-2) training will begin Friday October 12, 2012 and run for 7.5 weeks through December 14. BOC-2 is designed for City building operators, engineers, and facility staff who have completed BOC-1 to continue and deepen their energy efficiency skills and achieve the BOC Level 2 credential. Watch for an email with the course description and registration form in early September.

Certified Energy Manager (CEM) training will run Wednesday through Friday, November 7 - 9, and continue the following week on Tuesday and Wednesday November 13 – 14. The course is split over two weeks to accommodate holidays on Election Day and Veteran's Day, and also to allow participants an extra few days over the weekend to study for the exam. The CEM course is designed for energy managers and other professionals who can benefit from in-depth information on analyzing energy bills, conducting economic analyses, and applying cost-effective, cost-cutting technologies that can result in reducing facilities' energy use and cost. Watch for an email with the course description and registration form in late September.

Spotlight on: Comprehensive Energy Efficiency Retrofit at DSNY's 26th Street Repair Garage

DCAS Energy Management, in partnership with the Department of Sanitation (DSNY) and NYPA, recently completed the third phase of a comprehensive energy efficiency retrofit project at the 26th Street Repair Garage in Manhattan. Major equipment upgrades included the installation of 14 new rooftop HVAC units and a new Building Management System (BMS). The new HVAC units replaced 14 outdated and inefficient package rooftop air handling units that were installed in the early 1990s. The new HVAC units are energy efficient and utilize variable speed fans which allow the system to scale down based on real time building



load. In addition to the new units, a new BMS was installed to improve the functionality of the pneumatic control system. The BMS will control the heating and cooling of the facility and use optimization schedules and setbacks to curtail energy consumption. This phase of the project was primarily funded through the American Recovery and Reinvestment Act of 2009 (ARRA).



The first two phases of the project, completed in September 2010, included the retrofit of 1,567 light fixtures and the installation of rapid roll-up doors. You can read more and watch a brief video to see how the innovative rapid- roll-up doors save energy and time in the [case study](#) we wrote in May 2010.

DSNY uses the 205,000 square foot garage facility in Manhattan to preform major repairs and maintenance on a wide range of vehicles including garbage trucks, street sweepers, salt spreaders and sedans. The three phases of this comprehensive energy efficiency project have a total cost of \$5.5 million and will result in \$328,155 in annual energy savings, and will reduce greenhouse gas emissions by 1,365 metric tons per year.