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Energy Use Awareness Video is available for distribution!

On July 25, DCAS Energy Management hosted a red carpet film premiere of the Energy Use Awareness Video. The ten-minute film features actor Matthew Modine, the City's sustainability mascot, Birdie, and real New York City employees sharing on-the-job energy saving tips. The video is now available online:

<http://www.nyc.gov/html/dem/html/home/home.shtml>



The video is part of an outreach campaign to educate City employees about their part in reaching NYC's sustainability goal to reduce municipal greenhouse gas emissions 30% by 2017. From shutting off lights and computer monitors to unplugging electronics and using blinds to block the sun on hot days, small actions that individual employees take can add up to big results! We encourage you to use the video in agency staff meetings and training sessions. You can get a copy of the video by contacting Sarah Mencher at smencher@dcas.nyc.gov.

Manhattan Municipal Building: Peak Load Success Story

The building operations team at 1 Centre Street, the Manhattan Municipal Building, has done an excellent job curtailing energy use on Peak Load Days so far this summer. During the heat wave on June 20-22, the building's energy use was reduced by more than double its commitment. We asked Joe Didesidero, DCAS Energy Manager, what measures his staff takes to achieve such outstanding results:

- 1) As soon as the day-ahead notice is received from NYPA, notice is disseminated to building engineers to pre-cool the building the next morning. Pre-cooling begins as early as 4am, depending on the area's heat load, and all outside air dampers and fans are closed or turned off until the areas are occupied. Note: we always

pre-cool our buildings on hot days, but on Peak-Load Days we also sub-cool. When we sub-cool we bring down the temperatures lower than normal in preparation for curtailment.

- 2) Posters are put up in the building lobbies and an email blast goes out to our tenants notifying them that today is (or may be) a Peak Load Management day. In the email, tenants are asked to bear with us while we curtail air conditioning, lighting and elevator service and to pitch in wherever they can.
- 3) In the Manhattan Municipal Building many floors have 3 different air conditioning systems: one for the core of the building, one to supply and cool outside air, and a perimeter A/C system. During Peak Load events, the building engineers secure the core systems, while leaving the fresh air system functioning and the perimeter systems to handle the heat load from windowed areas. This only works if the areas are effectively pre-or sub-cooled.
- 4) The Manhattan Municipal Building also supplies chilled water to 31 Chambers, 52 Chambers, and City Hall. During Peak Load events the building engineers switch from an electric driven chiller to a steam driven absorber type chiller to supply chilled water to the other buildings. We normally use the electric driven chiller because it is much more efficient and more cost effective.
- 5) There are two areas in the Manhattan Municipal building that have dimmable lighting ballasts (19th floor North, 15th floor South). During Peak Load events, those lights are dimmed 30%.
- 6) Building Services walk throughout the building lowering window blinds and shutting off lights where allowable.
- 7) Elevator service is reduced 20%.

Thanks for sharing your Peak Load Day plan with us, Joe! We hope that the steps taken here at the Manhattan Municipal Building can inform other agencies as they work to curtail load on Peak Load Management days and protect the City's electric grid.

BOC-1 is open for registration!

The Fall 2012 BOC-1 course is now open for registration! The course begins September 7, following an online assessment of participant's Math and Excel skills. Please review the [BOC-1 Course Description](#) and have agency staff complete the [BOC-1 Application Form](#) to register. **Registration deadline is next Friday, August 10th.**

This year's course follows a new "blended" format with nine in-class sessions spread over fifteen weeks and one to three hours of online course content to be completed each week between classroom meetings. Feel free to contact Sarah Mencher at smencher@dcas.nyc.gov with any questions.

Spotlight on: New DEM staff

DEM continues to evolve to support your agencies' energy management needs. Below we highlight our new staff members working to improve access to real time energy data, enhance social media content, and analyze energy use trends.

Camille Samayoa is a Project Manager in DEM's Performance Tracking and Analysis Unit and is responsible for finding solutions to our data tracking and reporting needs. Camille is a Certified Project Management Professional with extensive experience with New York City government and at the New York Stock Exchange in integrated project management, and brings to DEM expertise in all project life cycle phases for implementing technology and business solutions. Camille has a Bachelor's of Science degree in Management Information Systems from New York University Stern School of Business.

Lance Seibert works for DEM as Chief of Design and Construction. In this role Mr. Seibert is responsible for the coordination of energy retrofit projects, including both design and construction. Mr. Seibert is a Registered Architect and came to DEM from DCAS Asset Management where he managed capital design and construction projects. Lance

also has extensive work experience in the private sector having worked in various engineering, architectural and construction firms.

Cedric Curry leads DEM's Enterprise Metering Project, which will provide real-time analytics, modeling tools for use in MS Office, and a web-based dashboard for improved energy management. Cedric also works with the DCAS IT Solutions Group to enhance project management processes and governance and to introduce enterprise architecture approaches to the agency. He has more than twenty years of experience in the information technology field, working for both corporate and City government clients. He holds a Bachelor's degree in Management Science, Postgraduate Award in Business Administration, and a Certificate in Intellectual Property Law from NYU, and is currently pursuing his Ph.D. in Industrial Organizational Psychology.

Sergey Shabalin joined DEM in June as an Energy Billing Analyst. One of Sergey's initial areas of responsibility is to help agencies understand special tariff requirements, including interruptible gas rules, time-of-day pricing for certain electric accounts, and handling demand charges in Con Ed steam-heated buildings. In addition to tracking utility rates, Sergey is reviewing monthly energy reports to look for savings opportunities. Sergey holds a Master's degree in energy management from the New York Institute of Technology and BPI and LEED credentials. Prior to DCAS, Sergey spent two years as an energy construction manager and energy auditor at Community Environmental Center, Inc., and before that worked in private industry.

Summer intern **Michelle Sorensen** is a graduate student in Operations Research at Columbia University who is applying her statistical skills to help DEM quantify the impact of temperature changes on energy use. Michelle's work will provide us with formulas to better compare year-to-year changes in aggregate energy use and to remove weather impacts when review a building's energy use over time.

Summer Outreach intern **Ashley D'Auria** recently graduated from Wake Forest University with a major in History and a double minor in Environmental Studies and Cultural Resource Preservation. Ashley has been working to keep agencies informed of our collective progress towards the 30x17 goal by growing DEM's social media presence on Twitter and Facebook, building DEM's library of energy efficiency project case studies and assisting with several other outreach and training projects.