

March 2012

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2012 Peak Load Season is coming fast!

For the 2012 Peak Load Season, City agencies once again have the opportunity to participate in Demand Response programs through NYPA. While the deadline for enrollment in Option 3 — Capacity & Energy — has already passed, the deadline for enrollment in Option 2 — Peak Reduction — is May 15. Enrollment in NYPA Option 1 — Energy Only — is open throughout the year. Please contact Mike Dipple with any questions about demand response: mdipple@dcas.nyc.gov.

FY13 energy budget follow up

Did your agency add expected changes in load to its FY13 Heat, Light, and Power budget forms? As we work with OMB to finalize the FY13 budget, DEM staff may be reaching out to ELOs for more information about any requested changes that were submitted, particularly energy load additions. Agencies in the Energy Incentive Alignment Program (EIAP), please remember to work with your agency fiscal staff to submit those requests as New Needs to your OMB Task Force.

Cooling Season begins May 26th

2012 Cooling Season Guidelines will be distributed next month. For planning purposes, please note that this year's cooling season will begin May 26th, after the May 25th meter reading date. Avoid the use of air conditioning prior to this date as it may result in un-funded electric demand and energy charges. As always, use your best judgment when following these guidelines as the health and safety of your building occupants should be prioritized.

Earth Hour is March 31st at 8:30pm

The seventh annual Earth Hour is scheduled for Saturday March 31st at 8:30pm. Earth Hour is a one-hour environmental event when cities and citizens across the globe switch off their lights to demonstrate their commitment to climate change action. If your agency is interested in joining the effort, please email Sarah Mencher (smencher@dcas.nyc.gov) so we can keep track of which NYC buildings will participate. For more information, please see <http://www.earthhour.org/>.

Nominate your building for a cool roof



NYC °CoolRoofs is a collaboration between NYC Service and the NYC Department of Buildings to promote and facilitate the cooling of New York City's rooftops. Working with non-profits, City agencies, building owners, NYC °CoolRoofs engages volunteers in applying white, reflective surfaces to rooftops, which reduces cooling costs, cuts energy usage, and lowers greenhouse gas emissions. To date we have coated 2.5 million square feet of rooftop on nearly 300 buildings Citywide – over 900,000 square feet was completed on City-owned buildings!

Interested in having your building cooled this summer? See the [Cool Roof Tool Kit](#) for more info, email the NYC °CoolRoofs team at

coolroofs@buildings.nyc.gov, or visit www.nyc.gov/coolroofs.

A roof with reflective coating – known as a cool roof – absorbs 80 percent less heat than traditional dark colored roofs and can lower roof temperatures by up to 60 degrees and indoor temperatures by 10 to 20 degrees on hot days. This can reduce air conditioning costs by 10 – 30%. Cool roofs also help combat the “urban heat island” effect; because cities like New York have greater amounts of dark surfaces, temperatures are five to seven degrees warmer than surrounding areas on an average summer day.



EBies: Like the Grammys and Oscars for building operators!

The EBie Awards™ are a juried competition for people working in Existing Buildings (hence the EBies) who have made great strides in improving their environmental performance but who may otherwise go unheralded. The EBies were created by Urban Green Council, the New York chapter of the United States Green Building Council.

Who are these unsung heroes? The EBies will recognize significant and measurable environmental performance improvements in existing buildings among building owners and operators, engineers, consultants, and building occupants.

The EBie Awards will be given to both commercial and residential projects, **with a special award for work in the public sector.**

Submissions are due April 2, 2012. Read more about the competition rules and nominate a building operator from your agency online: <http://www.ebies.org/Index>.

Spotlight: Eight new Solar PV Installations on City rooftops



This month, City contractors, via our NYPA ENCORE contract, finished construction on eight (8) federally-funded rooftop solar photovoltaic (PV) systems around the outer boroughs. The systems, which are located on two Department of Sanitation garages, three police precincts, one Department of Transportation maintenance shop, a Fire Department Transportation Repair Shop, and a firehouse in Staten Island, were funded through the State Energy Project (SEP), a federal stimulus grant program administered by the New York State Energy Research and Development Authority. The photo to the left shows the solar PV array at NYPD's 114th precinct in Astoria.

The PV systems add roughly 350 kilowatts of renewable energy capacity to the New York City grid and triple the amount of solar PV installed on City buildings. Not only will these installations offset 167 metric tons of carbon dioxide equivalent greenhouse gas emissions from fossil-fuel based electricity each year, they will save the City over \$192,000 each year and help improve grid reliability by shaving peak electricity demand on the hottest, sunniest days of the year.

The photos to the right show the connection being made at a Sanitation repair shop in Queens (left) and the control panel at NYPD's 114th precinct (right).



In total, there are ten new solar installations, including two at Department of Education facilities that were SEP-funded.

DCAS Energy Management extends special thanks to the facilities teams at DSNY, DOT, NYPD and FDNY for being great partners in this initiative and accommodating the expeditious timeline.