

November 2012

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Read up on Heating Season Energy Management

Remember to download and distribute the current **Heating Season Guidelines** and the **Fact Sheet on Interruptible Gas Accounts**, found on [DEM's website](#). To keep energy costs down, please ensure that your agency's facility operators in dual-fuel buildings are fully ready to switch to fuel oil; **test dates are December 4, 2012 for National Grid locations and will likely be in late November or early December for Con Edison locations**. Participation is mandatory. Also, be sure to let facility operators know the City's heating guidelines – heat should be set no higher than 68 degrees during the cold weather months.

ELOs to Plan for FY14 Energy Budgets

ELOs, be on the lookout early in December for the FY14 energy budget survey electronic forms to fill in and submit. The information from your agency should be collected in December, and submitted to DCAS at the beginning of January.

Solar Power Purchase Agreement to Help Bring City Towards Sustainability

In addition to improving air quality and the reliability of the electricity grid, the Solar Power Purchase Agreement (SPPA) is part of larger PlaNYC efforts to reduce the City's carbon footprint, and increase usage of and support a market for renewable energy. Tangent Energy, which will be awarded a contract by DCAS, will install solar arrays totaling 1.76 Megawatts on the rooftops of four City buildings that will help bring the City on a path to a more sustainable future. The Port Richmond Wastewater Treatment Facility has already undergone pre-installation upgrades and expects solar panel installation to begin in 2013. The solar installations will produce more than 2 million kilowatts of electricity annually and will reduce greenhouse gas emissions by 668 metric tons per year.

Demand Response Update

Demand Response (DR) programs seek to reduce electrical consumption on peak usage days usually the hottest days during the summer months. DR pays agencies for reducing electrical load consumption and in FY2011, 11 City agencies received almost \$550,000. Agencies curtailed over 20MW in excess of the City's commitment. The City is currently in contract negotiations with the goal to increase the DR program to 50 MW. The successful vendor will be challenged to review the current enrolled base to identify additional DR opportunities (Summer 2013) and to identify new opportunities.

Agencies are encouraged to develop DR protocols and document facility actions required to successfully implement DR activities in advance of a new contract. Some tips include:

- Personal behavior makes the difference
- Disconnect nonessential appliances
- Preprogram Building Management Systems energy savings strategies

- Move electrical consumption from peak demand periods to lower demand periods (i.e. early heating of domestic hot water and pre cooling of buildings)
- Chillers: pre-cool building temperature, increase temperature 5 to 7 degrees during the event to minimize compressor electrical demand
- Cooling Towers and Pumps: run at minimum speed
- Air Handlers: Minimize outside air intake during the event to reduce compressor usage (without compromising air quality)

Spotlight on: Jackie Robinson Recreation Center Lighting Upgrade

NYC Department of Parks and Recreation's Jackie Robinson Recreation Center recently completed a lighting upgrade. Located within Jackie Robinson Park in Manhattan, NY, the center offers a wide array of recreational and educational activities for the community including aerobic and computer classes, senior socials, and a basketball clinic.

Between 1894 and 1899, the City acquired the land as part of a nationwide effort to provide children with organized play areas in cities. The park, which was originally called Colonial Park, turned into a playground in 1911. In the 1930s, the Department of Parks and Recreation took advantage of the Works Progress Administration by improving and expanding the park's facilities to include basketball and volleyball courts, roller skating areas, a wading pool, and an additional playground. In 1978, Colonial Park was renamed after Brooklyn Dodger Jackie Robinson, the first African American baseball player in the major leagues.

On March 1, 2012, the Jackie Robinson Recreation Center underwent a \$90,000 lighting upgrade funded by the American Recovery and Reinvestment Act of 2009 (ARRA). In addition to replacing inefficient T-12 light bulbs with energy-efficient T-8 light bulbs, occupancy sensors, which further conserve energy by automatically shutting off lights when rooms are empty, were also added throughout the facility.



The project will save a total of \$12,036 annually in energy savings, reducing greenhouse gas emissions by 30 metric tons per year.