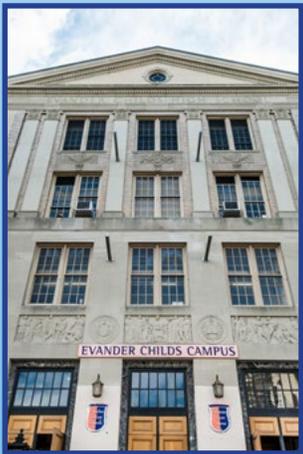


What's Inside

- 24 Solar PV Schools
- Intro 478-A Solar Legislation
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Power to the Pupil: Solar in Schools is on the Rise



Earth Day marks the completion of the first large-scale Solar Schools Initiative—an effort to install solar photovoltaic (PV) systems on the roofs of 24 additional schools throughout New York City. The initiative was led by DCAS Energy Management (DEM) in partnership with the New York Power Authority (NYPA) and the Department of Education (DOE). The 24 installations, totaling 5.4 MW, will produce 6,385,279 kilowatt-hours of electricity each year and will reduce 1,956 metric tons of CO₂ emissions. With the completion of the 24

installations, DCAS will receive approximately \$3.5 million in NY-Sun incentive funding from the New York State Research and Development Authority. This funding will reimburse over 15% of the project cost. The completion of these 24 installations brings the New York City total number of solar schools to 35 locations. In addition, another 66 school PV projects are in the pipeline, with construction set to kick off later this year. These installations represent a critical step toward achieving the City's goal of 100 megawatts of clean energy installed on City buildings by 2025.

Intro 478-A solar legislation signed by the Mayor

On March 14th, Mayor de Blasio signed the Int. 478-A solar legislation into law. This legislation requires the Department of Citywide Administrative Services (DCAS) to assess City-owned buildings that are over 10,000 gross square feet for solar PV potential, further demonstrating the City's commitment to clean energy implementation and greenhouse gas emissions reductions. Parameters for determining whether or not a building is eligible for solar include roof age and whether or not the roof is in good structural condition. DCAS is now working with its agency partners to obtain building roof information. For buildings that are eligible for solar, DCAS will then assess the solar potential for each site, including system size, kilowatt-hour production, and greenhouse gas reductions. On December 31st of this year, and every two years thereafter, DCAS will submit a report on these findings to the Speaker of the City Council and the Mayor.



ENERGY UPDATE

SPRING 2016

Energy Management Institute (EMI)

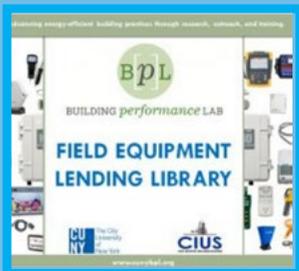
Upcoming Spring registration deadlines:

- Certified Energy Manager (CEM) Prep **5/6**
- Plumbing Systems Training **5/6**

For a full list of classes, visit our [website](#).

Field Equipment Lending Library

Our Field Equipment Lending Library, a DCAS DEM-supported diagnostic equipment lending system for City building operators, has a new courier service: providing messenger delivery anywhere throughout the five boroughs.



Bringing Solar Energy to Life through Educational Curriculum

Installing solar on City schools offers excellent educational opportunities for students. As part of the Solar Schools Initiative, solar curriculum was incorporated into classroom learning to help bring the benefits of solar energy to life for students. DOE partnered with Solar One, a non-profit green energy organization, to provide curriculum, classroom supplies, and professional development training to teachers whose schools received solar PV installations. Solar One's curriculum, The Green Design Lab (GDL), is a STEM-focused, interdisciplinary sustainability program that provides K through 12 students with hands-on experiential learning. Students have benefited from the training and used their new knowledge to host their own energy debates, to perform classroom energy audits, and use mathematics to create model rooftop PV systems. To date, 140 teachers have been trained through the program. To learn more, visit www.thegreendesignlab.org.



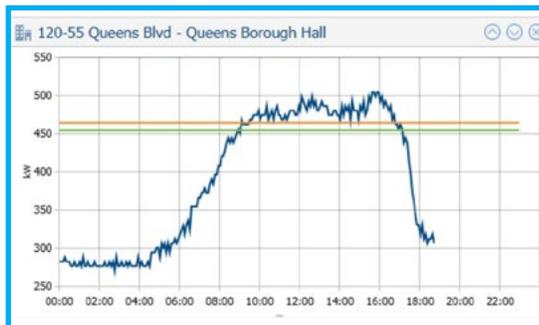
Demand Response Event

Exciting things are happening in the Demand Response program:



Demand Response Top Performers for 2015

- Agencies reduced their load by almost 49MW during the 2015 Summer Capability Period (which ran from May-October) and earned a total of \$5.5 million! To celebrate this milestone, DEM held a ceremony and training session on March 24, which was attended by DCAS Commissioner Lisette Camillo, participating agencies and the City's DR vendor NuEnergen. Earnings have been transferred as revenue to the agencies that participated.



- 100 of the over 150 locations enrolled can now view their electricity usage in near real time. During Demand Response events, there's no more guessing - facility managers at these locations can see their usage drop, or know to take action if that is not happening. See the usage pattern from the mandatory March 2 test event at Queensborough hall.

Enrollments for the Summer 2016 period are up and running - over 50 MW have been committed for the full six months of the capability period. Qualifying enrollments can still be made for remaining months. For more information contact Sergey Shabalin (sshabalin@dcas.nyc.gov) or Leonid Zolotarev (lzolotarev@dcas.nyc.gov).