City Tech Continuing Studies Center Free Renewable Energy Workshop

SOLAR PV + STORAGE + MICROGRID

Meeting NYC's Electricity Demands with Stored Sunlight

Register **Free workshop. Advance Registration Required.**
https://www.eventbrite.com/e/solar-pv-energy-battery-storage-workshop-tickets-38345126305

Date:	Thursday, 11/30
Time:	7-9 pm
Location:	300 Jay Street, Namm Hall, Room N 119
CEUs	3 NABCEP CEUs, Provider 0440
Price:	Free
Contact:	Debra Salomon, dsalomon@citytech.cuny.edu

Solar PV Energy + Battery Storage stockpiles sunlight and delivers it on-demand to the building where it will be used, improving power quality and reliability and reducing the City's carbon footprint. At this evening session, meet the people who are making battery storage work in housing, government buildings, hospitals, and more. Learn about new battery technologies, view exciting examples of energy storage installations in New York City, and gain an increased awareness of the ways in which solar PV installers can grow their businesses by adding energy storage to their skill set.

Agenda

7:00- 7:20 pm
NY Solar Smart DG Hub-Resilient Solar project
Speaker: Daniella Liefler, DG Ombudsman, Sustainable CUNY

Under a Dept. of Energy Solar Market Pathways grant, Daniella Liefler works to integrate Solar+Storage into emergency and resilience planning in NYC. With 100-year storms coming at an alarming pace to coastal cities such as Houston, Louisiana and New York City, as well as the recent devastating hurricanes in Puerto Rico and the Caribbean, what role can PV + energy storage play in keeping our city safe when the grid goes down? NY Solar Smart DG Hub

7:20 – 7:40 pm

Demand Energy: Marcus Garvey Solar + Storage

Speaker: Tom Scali, Regional Sales Manager – Northeast, Demand Energy Networks, Inc., *Enel Green Power*

The Marcus Garvey Village Microgrid supplies power to a mixed-income apartment complex in Brooklyn, NY that integrates solar PV, storage and a fuel cell to deliver on-demand energy without exporting to the grid. NYC has designated The Brooklyn-Queens area the target of a comprehensive energy efficiency and load reduction program, in which Demand Energy is playing a major role. The owners of the 625-apartment Marcus Garvey Village are deploying a first-of-its-kind microgrid integrating solar PV, storage and a fuel cell with Demand's DEN.OS intelligent software to manage these distributed energy resources in their buildings. Learn about the partners and processes involved in building the project. Demand Energy, an Enel Green Power Company

7:40 - 8:00 pm

Resilient Hospitals- Keeping the Power on When it Matters Most

Speaker, Becca Gillespie, Field Service Engineer, UET (United Energy Technologies)

Becca Gillespie, Field Service Engineer for UET, offers a case study of the Jacobi Hospital Energy Storage project which will provide energy resilience to operate the hospital at 100% capacity in island mode during grid outage. The project will also provide for their full energy load during grid-operating mode, with the ability to export excess generation into the utility grid. UET United Energy Technologies

10 minute Break

8:10 – 8:30 pm

East Bronx Microgrid

Speaker, Jennifer Kearney, Executive Partner and Founder, Gotham 360

Gotham 360 Executive Founder Jennifer Kearney will discuss her company's work on the East Bronx Microgrid Project, which will mitigate the risk of generators failing during prolonged outages at Montefiore Medical Center, the Albert Einstein College of Medicine, Jacobi Medical Center, and Calvary Hospital.
Gotham 360

8:30 – 8:50 pm

Solving the Battery Technology Challenge

Speaker: Charles Russell, Director, Business Development, EOS Energy Storage

Refrigerators, which store food until it is needed, were once a novelty- and are now mainstream. As battery costs drop and technology improves, residential and commercial energy storage is reaching the market. New battery technologies may be the key to helping public and private building owners achieve their sustainability goals. In this session, learn about cutting edge batteries that are changing the way we store energy.
EOS Energy Storage

8:50- 9 pm

Questions for our speakers