



New York City Solar America City Partnership

Sustainable CUNY Presentation at the DOB Commissioner's Roundtable: Solar Forum
January 26, 2011

NYC Solar America City Partnership

Who We Are



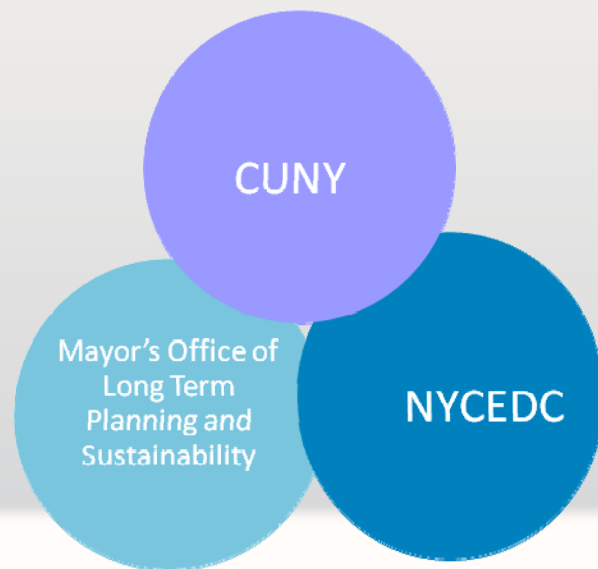
Implementing Partners



Funding Partners



2007: NYC a U.S. Dept of Energy “Solar America City”



2007-2009: Accomplishments

- NYC Solar Market Study
- White paper on policies and barriers
- PV Interconnection Study
- Con Edison streamlined process
- Expansion of state net-metering law

2010: \$1 million from U.S. DOE and NYSERDA

- Web-based Solar Map
- Solar Empowerment Zones
- Data acquisition and monitoring
- Solar Ombudsmen
- Funding for outreach and training



Close-Up: Solar Empowerment Zones

Strategic Platform for Solar Deployment



Zone Identification Strategy

- Con Edison networks
- Day-peaking profile
- Infrastructure upgrades needed
- OR, solar to defer the “tipping point”
- Rooftop potential

Activities in Zones

- Steering Committees
- Outreach programs
- Data monitoring
- Technical assistance

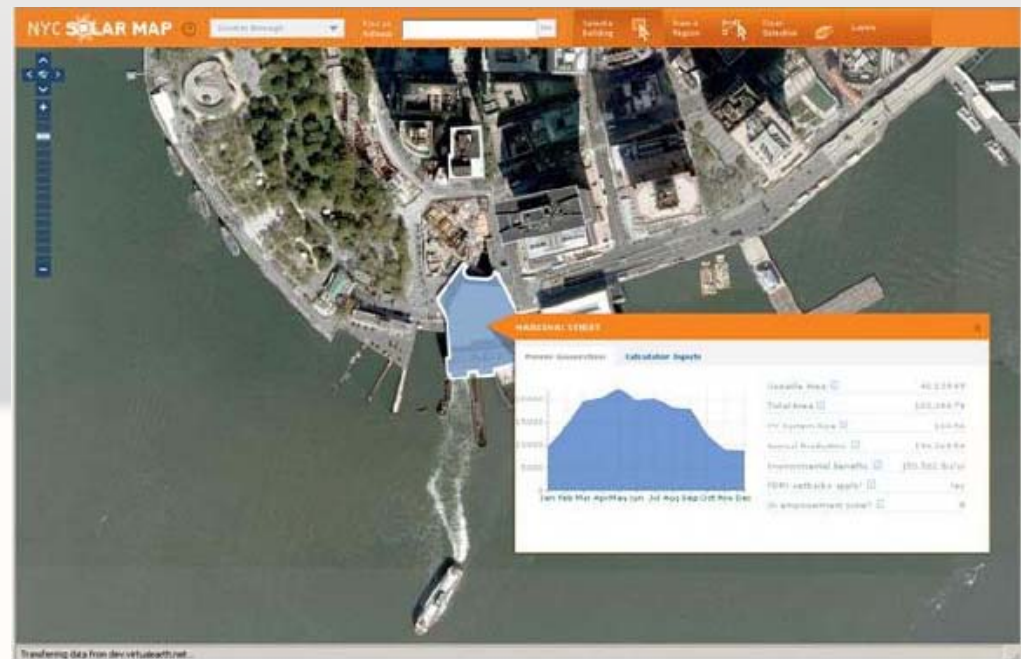
New York City Solar Map

U.S. DOE Special Project Funding & NYSERDA



Outreach tool:

- Solar potential estimates for every rooftop in New York City
- Highlights of existing solar installations
- Public launch April 2011
- Developed by Center for Advanced Research of Spatial Information (CARSI) at CUNY's Hunter College
- Leveraging \$450,000 from NYC for Light Detection And Ranging (LIDAR) data
- Other Solar maps in San Francisco, Salt Lake City, Boston, among others



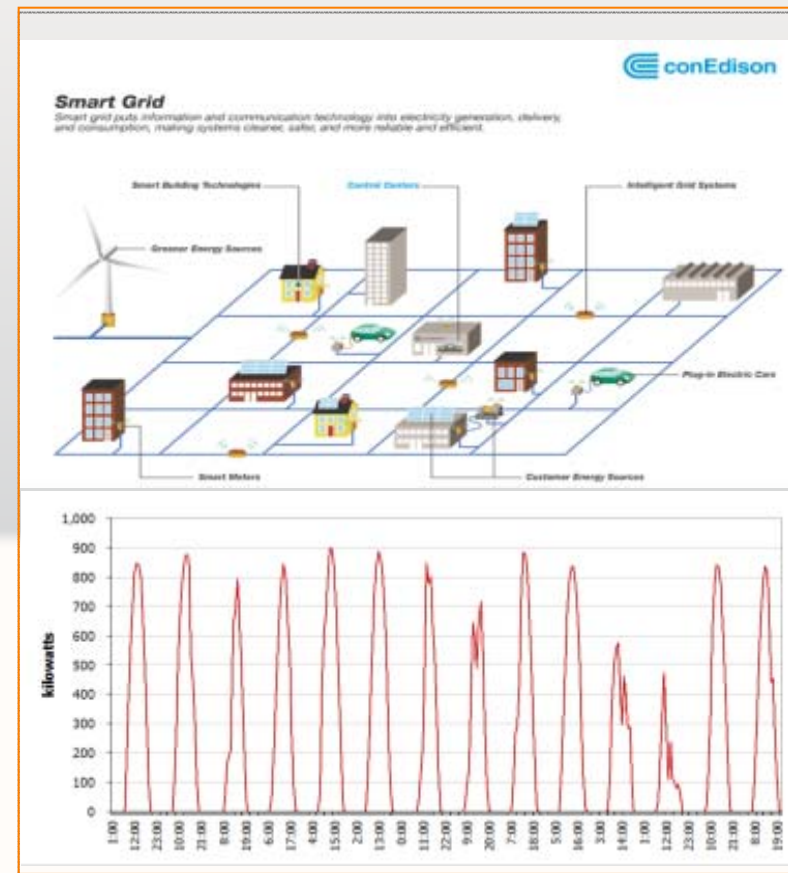
Data Acquisition System (DAS)

U.S. DOE Special Project Funding



Energy planning tool:

- Coordination with Con Edison and the National Renewable Energy Laboratory (NREL)
- Integration of data from existing PV systems
- Synergies between the solar map and DAS - The whole is greater than the sum of its parts
- Roadmap to the real-time value of PV to the grid



SOLAR AMERICA CITIES
Part of the Solar America Communities program

Data Acquisition System (DAS)

U.S. DOE Special Project Funding



Your collaboration is essential!

- Which NYC installations are already equipped with DAS?
- Outreach to solar system owners

THANK YOU!

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