

New York Power Authority K-Solar Program

NYSERDA Stakeholders Meeting - October 2014

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NYPA's Solar Market Acceleration Program (Solar MAP)*

- *Part of the NY-Sun Initiative*

- Governor Cuomo's 2012 State of the State Address
 - Greatly expanding New York's solar programs
 - Stressing the need to keep a firm eye on solar costs to protect ratepayers

\$30 Million five-year solar market acceleration program focused on reducing solar balance of system (BOS) costs in New York State

- Research to develop innovative, cost-effective technologies
- Demonstrations to validate advanced technologies, serve as technology laboratories, and offer training and education
- Soft-Cost reductions to streamline grid integration, solar permitting and **customer acquisition (alone approximately 10%)**

Objective: stimulate the NY solar market by reducing BOS costs

K-Solar Program



- Launched this summer
- Outreach to school district superintendents, business managers and facility managers
 - Solar 101 – screen sites for feasibility
 - Benefits of power purchase agreements (PPAs)
 - No up-front capital costs
 - Public schools indirectly benefit from tax credits
 - Federal ITC of 30% and accelerated depreciation
 - No maintenance required or operational risk minimized
- Standardized PPA terms
- Aggregate into a single, large, statewide RFQ and RFP
- Minimize customer acquisition costs, minimize administrative burden for school districts, and drive economies of scale for the most attractive pricing

K-Solar website: www.nypa.gov/K-Solar/

New York State | State Agencies | Search all of NY.gov

New York Power Authority | Andrew M. Cuomo, Governor | John R. Kozlowski, Chairman

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K-Solar

A NYS Program to Reduce Schools' Energy Costs Through the Use of Solar Power

K-Solar, a joint project of the New York Power Authority (NYPA) and New York State Energy Research and Development Authority (NYSERDA), will provide NYS school districts, **AT NO COST and NO OBLIGATION**, with the tools, and expertise to bring solar energy to their facilities and reduce their energy costs.

NYPA's free energy advisor service will:

- Provide you with a site report to determine if your facilities are suitable for solar energy
- Estimate your potential savings on future energy bills
- Ensure your solar project has access to NYSEERDA incentives to lower your overall cost
- Explain how public schools can be eligible to receive federal tax credits that will lower the cost of your solar installation
- Show you how to have solar panels installed on your roof without incurring an upfront cost
- Work with SED to streamline the permitting process to install solar at your school
- Create a purchasing coalition of school districts throughout New York, providing your district with the benefit of high volume pricing, with the objective of making your solar rate the same or less than your utility rate

Share your thoughts on social media @NYPAenergy

Yimeo: Solar Schools

For more info, contact Evan Kokos at kokos@nypa.ny.gov or call 914-681-6431

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K-Solar Milestones



- Letter to over 700 superintendents sent in late July – NYPA president and SED Commissioner
 - 140 school districts registered so far
- Additional outreach planned in partnership with NYSERDA
- Adding educational content to website for school administrators
- Streamlined permitting via partnership with NYS Education Department
- NYSERDA solar incentives apply to schools receiving NYPA power – RGGI
- RFQ released September 9th
- RFP to follow – coincident with new >200 kW MW block announcement from NYSERDA
- Goal: Project completion before 12/31/2016 reduction of federal tax credits