



## LED Street Lights: Can Your Community Afford to Wait?

Quarterly Webinar: Clean Energy Communities Program  
New York State Energy Research and Development Authority  
Capital District Regional Planning Commission

10:00-11:30 AM

Wednesday, June 7, 2017

Register here for webinar:

<http://bit.ly/2r6lop9>

Introductions, Summary of Webinar	Pat Courtney Strong, Courtney Strong, Inc.
Statewide LED Big Picture Goals	Brad Tito, Program Manager, Communities & Local Government, NYSERDA
Pathways to LED Conversion in the Mid-Hudson Region	George Woodbury, Jen Metzger, Nina Orville, Mid-Hudson Street Light Consortium
The Central NY Perspective	Amanda Mazzoni, Senior Planner, Central NY Regional Planning & Development Board
The Long Island Perspective: Street Light Conversion Considerations	Sarah Oral, Cameron Engineering
The NYPA Street Light Program	Casey Mastro, Energy Manager - CNY, Customer Business Development, NYPA

Q&A Period



## Presenters

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## Speaker Bios



Brad Tito is the Program Manager for Communities & Local Government at NYSERDA. He works with communities across New York State to save energy and improve the environment. His role is to package and promote innovative and responsive clean energy offerings that resonate with local governments and the nearly 20 million people they serve. The Communities & Local Government team works to institutionalize deployment of clean energy solutions that incorporate tools and services from State Agencies and Authorities, while presenting a unified approach to municipal and community leaders; and build on local expertise to work through trusted champions to deploy solutions.

Prior to joining NYSERDA, Brad served as Director of Sustainability for the City of Yonkers - New York's fourth largest city – where he worked with the departments of city government and community stakeholders to save more than \$2 million in annual energy costs. He led a number of high-profile initiatives including an award-winning LED streetlight replacement project, the establishment of mandatory green building standards, and the replacement of over 500 windows in historic Yonkers City Hall.



George Woodbury provides consulting for municipalities nationwide on street lighting, street lighting tariffs, LED technology, gas and electricity procurement, project planning and management, municipal finance for energy efficiency projects and related legislation. He is frequently called on to serve as an expert witness on street lighting tariff matters before utility commissions. He has completed projects in 13 states and worked on street lighting legislative matters in six states. He also provides turnkey street lighting energy efficiency projects for municipalities. These include analysis, project design, writing procurement documents, overseeing contractor selection, contractor oversight, securing available grants and coordination with utilities. George is a former municipal Department of Public Works chief and a graduate of West Point Academy.



Jen is director of Citizens for Local Power (CLP), a community-based organization working to create a local, clean energy economy in the Mid-Hudson region. She has been an active Party on behalf of CLP to NYS Public Service Commission proceedings on electricity policy and regulation, including the Reforming the Energy Vision (REV) proceedings, the recent Central Hudson rate case, and the utility's streetlight tariff revision, and has undertaken extensive municipal and public education and outreach to foster wider community engagement in these proceedings. Jen is also a Rosendale town councilwoman and former chair of the Rosendale Environmental Commission. She is the author of the Town's assessment of streetlights and options for improving efficiency, which has been used as a model for other towns in the Mid-Hudson region. Jen has a B.A. with High Honors in Government from Oberlin College, and a Ph.D. in Political Science from Rutgers University with a specialization in environmental politics and policy.



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& ASSOCIATES, LLP





Nina Orville is president of Abundant Efficiency, a consulting firm that creates and implements innovative solutions to environmental and business challenges for local governments, corporations and non-profits. The firm specializes in multi-party public-private initiatives that generate environmental and economic development benefits, Abundant Efficiency served as program manager for Solarize Westchester, a NYSERDA-funded county-wide initiative fueling growth in the solar market through market aggregation strategies.

The founding executive director of the Southern Westchester Energy Action Consortium, Nina also helped lead the formation of Sustainable Westchester, a successor organization. She has advised local governments on sustainability initiatives and organized symposia highlighting municipal best practices on topics including energy efficient streetlights and green building codes. Nina was previously a member of the management team of the New York Community Investment Company, a \$40 million community development venture capital fund. She holds a BA from Oberlin College and an MBA from Columbia Business School.



Amanda Mazzoni is a Senior Planner in the Energy Management Program for the Central New York Regional Planning and Development Board (CNY RPDB), a public agency that serves a five-county region including Cayuga, Cortland, Madison, Onondaga, and Oswego Counties. She works with municipalities in CNY to encourage completion of NYSERDA's Clean Energy Community (CEC) High Impact Actions. Through the CEC program and CNY Bright Lights program, she works with CNY municipalities to convert streetlights to light emitting diode (LED) technology, including providing cost-benefit analysis of conversion options. She also works with CNY municipalities to encourage adoption of the Climate Smart Communities (CSC) pledge and implement steps of the CSC Certification program, including compiling community and municipal operations greenhouse gas inventories, working with community advisory committees to create community and municipal operations target reduction goals and Climate Action Plans, and working to implement energy efficiency projects.

She also has experience working with municipalities in CNY, funded through the NYS Cleaner, Greener Communities program, to create sustainable community development plans, including Comprehensive Plans and updates. In addition, she supports work in other Energy Management Programs at the CNY RPDB, including the Solarize Syracuse and Solarize CNY programs. Finally, she maintains the CNY Energy Challenge website, [www.cnyenergychallenge.org](http://www.cnyenergychallenge.org).





Sarah Oral is the Project Transportation Engineer and Project Manager at Cameron Engineering & Associates, LLP. She provides technical assistance to local municipalities to implement clean energy actions, save energy costs, create jobs, and improve the environment under NYSERDA's Clean Energy Communities program.



Casey Mastro is the CNY Energy Manager for the New York Power Authority. Previous to his role at NYPA he served in a management role at NYSERDA building statewide infrastructure for the advanced commercialization of emerging energy efficiency technologies. He has also served as an adjunct professor at Ithaca College and director of the Building Performance Contractors Association of New York State. Casey earned a Bachelor of Science in Electrical Engineering from the State University at Buffalo.



Pat Courtney Strong is team lead and marketing specialist for Mid-Hudson Street Light Consortium. Her firm, Courtney Strong Inc., also provides marketing support to the Clean Energy Communities program in the Eastern New York Upstate Territory. Pat is a longtime NYSERDA outreach contractor, and also has provided marketing support to engineering firms, universities, municipalities and not-for-profits.

In earlier years Pat worked as a daily newspaper and magazine reporter and editor, specializing in business news. She is a graduate of Northeastern University.

