

New York State Energy Research and Development Authority CFA 2013



What is NYSERDA?

- **Established in 1975, NYSERDA is a public benefit corporation helping New York State meet its goals to:**
 - Reduce energy consumption and increase energy efficiency
 - Create a clean energy economy
 - Grow diverse, renewable energy supplies
 - Protect the environment
 - Provide experienced leadership in planning and policy
 - WWW.NYSERDA.NY.GOV

NYSERDA CFA Programs

- Energy Efficiency Programs (\$50 Million)
 - Small Commercial Energy Assessment Program
 - FlexTech Program
 - New Construction Program
 - Existing Facilities Program
 - Industrial Process and Efficiency Program
- Sustainability Programs (\$30 Million)
 - Cleaner Greener Communities – Phase II Implementation Grants

Small Commercial Energy Assessment

The energy assessment helps small business and not-for-profit customers across New York State identify opportunities to improve their energy efficiency and reduce their energy bills. [SCEA website](#)

- Provides FREE energy audits to small businesses and not-for-profit facilities
- Available to facilities with an average electric demand of 100 kW or less
- **Customers that do not pay SBC are eligible**

Financing Options: [Financing website](#)

- **Participation Loan** - low-interest financing for energy-efficiency improvements funded at 50% of loan, up to \$50,000, at 0% interest, and the remainder at market rate
- **On Bill Recovery Financing** - financing program that offers repayment of loan on utility bill using energy savings to offset costs for energy-efficiency upgrades
 - Program also available for multifamily building owners

FlexTech Program

- Cost-shared technical services to help businesses make intelligent energy decisions
- Identify and prioritize energy-saving opportunities through energy studies
- Provide unbiased information and objective insights to help you make informed decisions about potential energy projects
- NYSERDA will cost-share up to 50%; capped at \$1 million on eligible studies

<http://www.nysERDA.ny.gov/flextech>

- General Feasibility Studies
- Energy Master Planning
- Industrial and Process Efficiency Analysis
- Data Center Efficiency
- Energy Efficiency Retro-Commissioning
- Combined Heat and Power
- Peak-Load Reduction and Load Management

Facilities must pay into the System Benefits Charge (SBC).

New Construction Program

Transform the way buildings are designed and built by providing energy related technical support and financial incentives

- *Services:*
 - New construction and substantial renovations
 - Technical assistance, financial incentives, commissioning
 - *Options:*
 - Pre-Qualified
 - Custom Measure
 - Whole Building
 - Green Building Design
 - *Financial Incentives:*
 - Technical Assistance – Up to \$100,000
 - Green Consultant – Up to \$25,000
 - Design Team – Up to \$15,000
 - Capital Incentives – Up to \$825,000 (\$1, 575,000 in Consolidated Edison Territory)
 - LEED® or NY-CHPS Soft Costs – Up to \$10,000
- <http://www.nyserda.ny.gov/ncp>

Facilities must pay into the System Benefits Charge (SBC).

Existing Facilities Program

Offers a comprehensive strategy to realize verified energy savings through an integrated approach to cost-effective energy efficiency

- Custom incentives for larger-scale electric and natural gas energy-efficiency improvements including: lighting and lighting controls, demand response, chillers, and monitoring/systems-based commissioning
- Up to \$2 million in incentives available per project
- Pre-qualified (prescriptive) incentives up to \$30k also available for smaller measures

<http://www.nyserda.ny.gov/efp>

Facilities must pay into the System Benefits Charge (SBC).

Industrial and Process Efficiency Program

Offers incentives for manufacturers and data centers to enhance energy efficiency and productivity through capital improvements to their operations

- Performance-based, custom incentives for manufacturers and data centers for electric and natural gas efficiency and process improvements
- Up to \$5 million in electric incentives and up to \$1 million in natural gas incentives per facility per year
- Process and Energy Efficiency Incentives
 - Industrial Manufacturing Improvements
 - Data Center Improvements
 - New Construction

Facilities must pay into the System Benefits Charge (SBC).

Operations and Maintenance Incentives – for upgrades that generate energy savings based on improved operations to promote persistent and measurable operations-based energy savings

<http://www.nyserda.ny.gov/ipe>

Cleaner, Greener Communities (CGC) Program

Competitive grant program to encourage communities to develop and implement regional sustainable growth strategies

- Phase I - Provided resources for each region in NYS to develop a comprehensive Regional Sustainability Plan (**Complete**)
- Phase II – Provides funding on a competitive basis for implementation of specific projects that achieve:
 - *The greatest opportunities for carbon reductions*
 - *Significant energy efficiency savings*
 - *Renewable energy deployment consistent with a region's sustainability strategy*
 - *Alignment with REDC strategic plans*
 - *Support projects that cannot be funded through existing NYSERDA programs*



<http://www.nyserda.ny.gov/cleanergreener>

Cleaner Greener Communities

Category 1 (Open Enrollment)

- Up to \$1 million available for **communities** to adopt streamlined permitting and other ordinances for photovoltaic systems and electric vehicle charging stations, with awards up to \$10,000 per project.
- NYSERDA will begin reviewing applications starting July 1, 2013 until 4:00 PM September 30, 2014, or until funds are exhausted
- New York State entities having jurisdiction for permitting, land use planning, and zoning are eligible applicants.

Cleaner Greener Communities

Category 2 (Competitive)

- Up to \$4 million available to communities to create or revise comprehensive plans, including updating zoning ordinances and addressing community sustainability and resiliency.
- Awards of up to \$400,000 per project are available.
- Municipal governments in New York State with land use planning and zoning jurisdiction are considered eligible applicants. Joint proposals are acceptable.
- Proposals are due by 4:00 PM EST on August 12, 2013

Cleaner, Greener Communities

Category 3 (**Competitive**)

- Up to \$25 million for large scale projects contributing to community resiliency and reducing greenhouse gas emissions
- Awards range from \$1 million to \$5 million per project
- All public, private, and non-profit entities are eligible to apply. Entities may form partnerships and submit a joint proposal, but one entity must be identified as the lead applicant on behalf of the group or consortium
- Proposals are due by 4:00 PM EST on August 12, 2013

NYSERDA REDC TEAM

Kelly Tyler - Program Manager

Phone: (716) 842-1522

Email: KAT@NYSERDA.NY.GOV

- Ms. Tyler oversees activity for the Economic Development & Community Outreach Department, statewide.

Sharon Griffith, New York City

Phone: (212) 971-5342

Ext. 3010

Email: SMG@NYSERDA.NY.GOV

- New York City, Westchester and Long Island

Linda Hardie, Buffalo

Phone: (716) 842-1522

Ext. 3039

Email: LMH@NYSERDA.NY.GOV

- Western New York, Finger Lakes, Southern Tier, and Central New York

Brendan Hughes, Albany

Phone: (518) 862-1090

Ext. 3318

Email: BCH@NYSERDA.NY.GOV

- North Country, Mohawk Valley, Capital Region, Hudson Valley