

New York State Energy Research and Development Authority



*CFA Round 4
2014*

myserda
Energy. Innovation. Solutions.

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

NYSERDA CFA Programs

- Energy Efficiency Programs (\$50 Million)
 - Small Commercial Energy Assessment Program
 - FlexTech Program
 - New Construction Program
 - Existing Facilities Program
 - Industrial and Process Efficiency Program
- Sustainability Programs (\$31 Million)
 - Cleaner Greener Communities – Phase II

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.

- Provides FREE energy audits to small businesses and not-for-profit facilities with 10 employees or less
- Available to facilities with an average annual electric demand of 100 kW or less
- Offers assistance to customers who wish to apply for incentives available through NYSERDA to implement recommended improvements
- Offers assistance to customers who wish to apply for low-interest Green Jobs – Green NY financing to implement recommended improvements
- Program is available statewide. Customers that do not pay SBC are eligible.

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

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

- 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

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 Building Services– 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

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

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 electric and natural gas improvements in existing and new facilities/expansions
- Up to \$5 million in electric incentives and up to \$1 million in natural gas incentives per facility per year
- Industrial Manufacturing Improvements
 - Productivity increases, scrap reduction, yield improvements
- Data Center Improvements
 - Server virtualization, server upgrades, storage consolidation
- Manufacturing Support Systems
 - Process heat, chilling, compressed air, ventilation, lighting, etc.

**Sites must pay System
Benefits Charge (SBC).**

Cleaner, Greener Communities (CGC) Program

CGC empowers regions to lead the development of sustainability plans and to implement projects that will significantly improve the economic development and environmental well-being of their communities.

- Phase I provided \$10 million in funding for each region in NYS to develop a comprehensive Regional Sustainability Plan (Complete)
- Phase II is a \$90 million effort to provide funding on a competitive basis for the implementation of community-scale projects that support the goals of each Regional Sustainability Plan and drive market transformation.



CGC Phase II – Category 1

(Open Enrollment)

- Up to \$1 million available for communities to adopt streamlined permitting and other ordinances for photovoltaic systems and electric vehicle supply equipment, with awards up to \$10,000 per project.
- NYSERDA will continue to accept applications until 4:00 PM September 30, 2015, until funds are exhausted, or until the solicitation is revised by NYSERDA, whichever comes first.
- New York State entities having jurisdiction for permitting, land use planning, and zoning are eligible applicants.
- No SBC requirements

CGC Phase II – Categories 2 & 3

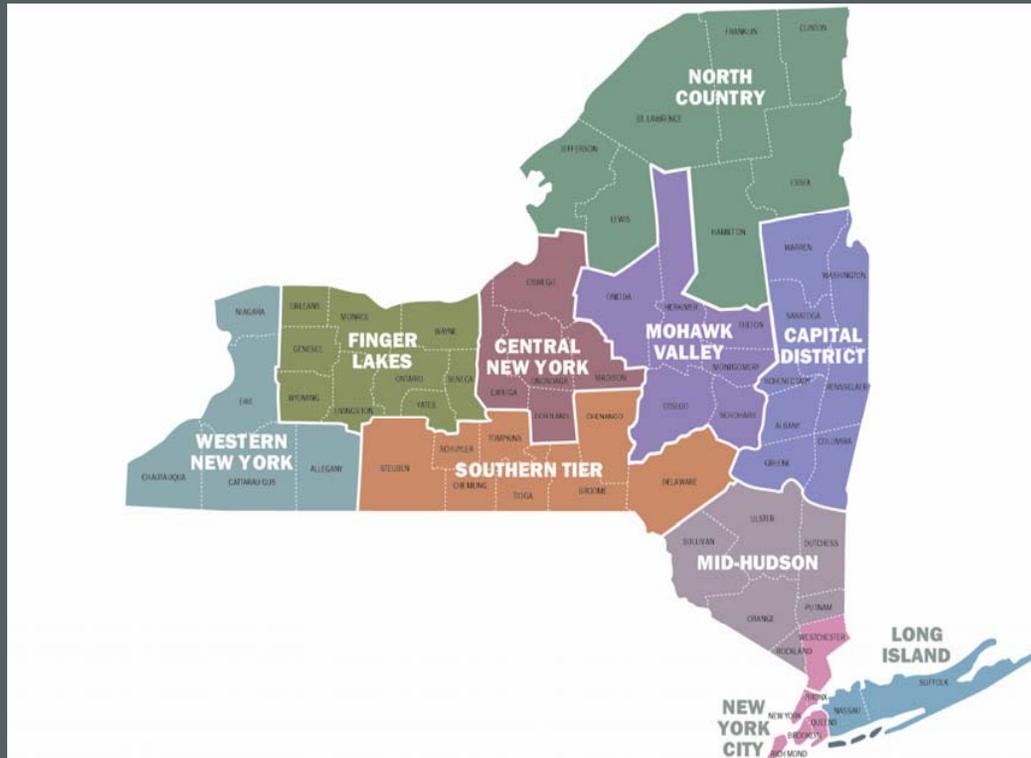
- Category 2: Planning Initiatives
 - Up to \$5 million available for planning initiatives including:
 - Creation or revision to a municipal comprehensive plan
 - Drafting or implementing zoning amendments
 - Pre-development technical assistance for projects
 - Other innovative planning-related initiatives
 - Awards range from \$25,000 to \$250,000 per project
- Category 3 – Community-Scale Sustainability Projects
 - Up to \$25 million for community-scale projects including:
 - Showcase or anchor construction project that delivers one or more key elements of a defined sustainable neighborhood development effort
 - Innovative projects or programs that facilitate, develop, or expand a private-sector business model targeting delivery of community-based clean energy services or sustainability projects
 - Awards range from \$500,000 to \$5 million per project

CGC Phase II – Selection & Eligibility

Categories 2 & 3 (**Competitive**)

- Selection criteria will be based on the following factors:
 - Stimulate Market Transformation
 - Support Sustainable Design and Development Practices
 - Create Regional and Community Benefit
 - Leverage CGC Funds
 - Reduce Carbon Emissions
- Local governments, private companies, non-governmental organizations, and other entities are eligible to apply. Applicants 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 June 16, 2014
- **No SBC requirements**

Economic Development Growth Extension (EDGE) Program



The EDGE program offers local, regionally based access to NYSERDA's programs. Regional Outreach Contractors are available in every region to help you access NYSERDA programs either through the CFA or other application processes.

For more information, visit www.nyserdera.ny.gov or contact your local Regional Outreach Contractor, listed on the next page.

Regional Outreach Contractors (ROCs)

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- Manages activity for the Economic Development & Community Outreach Department, statewide.
- New York City, Long Island, Capital, Mid-Hudson.
- Western New York, Central New York, and North Country.
- Finger Lakes, Southern Tier, and Mohawk Valley.