

New York State Energy Research and Development Authority (NYSERDA)

Established in 1975 by the Legislature as a public benefit corporation

Administers the Renewable Portfolio Standard Program, energy efficiency programs and also performs research and development

Strives to reduce energy consumption, promote the use of renewable energy sources, and protect the environment

Provides financial and technical assistance to public/private partnerships with businesses, municipalities, residents and other energy stakeholders to accomplish these goals

NYSERDA CFA Program Categories

Energy and Environmental Improvements

- Energy Efficiency Projects for customers with a total annual utility usage greater than \$5,000,000
- Energy Efficiency Projects for customers with a total annual utility usage less than \$5,000,000

Sustainability Planning Assistance

- Region-wide Sustainability Planning

Available NYSERDA Funds

Up to \$75 million from energy efficiency and renewable energy projects and programs

- **FlexTech Program**
 - FlexTech Energy Audits
- **New Construction Program**
- **Existing Facilities Program**
- **Industrial and Process Efficiency Program**

Up to \$100 million for the Cleaner Greener Communities Program

- **Region-wide Sustainability Planning**

FlexTech Program

Program Summary:

Increase productivity and economic competitiveness by identifying and encouraging implementation of cost-effective energy efficiency measures

Designed for entities interested in:

- **Energy efficiency technical evaluations**
- **Peak-load reduction studies**
- **Energy procurement analysis**
- **Implementing combined heat & power (CHP) and renewable generation, and peak load curtailment plans**

FlexTech Energy Audits

Provides energy audits to small businesses and facilities to help identify economically viable energy-efficiency improvements that yield substantial annual energy savings.

Cost/Incentive to State and Local Governments:

Audit costs:

- 10 Employees or Less = \$100
- Greater than 10 Employees = \$400
- Cost of audit will be reimbursed if recommendations are implemented.

**Example: Lighting Upgrade - Cost \$2,861 / Savings \$683 /
Payback 4.2 years**

New Construction Program

Provides incentives and technical assistance for energy efficient new construction builds or major renovations of existing structures “gut rehabs”.

The program offers the following:

- **Technical assistance to evaluate and design energy-efficient buildings**
- **Cash back for installation of cost-effective energy efficiency measures in new or substantially renovated buildings**
- **Additional incentives for commissioning services and green buildings may also be available**

Existing Facilities Program

Pre Qualified - Encourages applicants to purchase and install more energy-efficient equipment for small-sized energy projects and equipment replacement projects. Incentives are available on a \$/unit basis for pre-qualified energy efficiency measures.

Performance Based - Offers performance-based incentives to customers or Energy Service Companies (ESCO) who are working on large-scale energy efficiency projects.

Industrial and Process Efficiency Program

- Provides performance-based incentives to manufacturers and data centers implementing energy efficiency and process improvements
- Goal is to increase product output and data processing efficiently
- Incentives are calculated based on a reduction in energy usage per unit of production or workload

Region-wide Sustainability Planning

- **Cleaner Greener Communities Program (\$100 million)**

Stage 1:

- **\$9.6 million available (up to \$1million/region)**
- **Goal is to provide resources for NYS regions to develop comprehensive sustainability plans**
- **Applicant must be a lead municipality applying on behalf of a consortium of municipalities**
- **Applications Due: October 31, 2011**

Stage 2:

- **Implementation Grants (Fall 2012)**

NYSERDA REDC Staff

Economic Development Territory Map

