

NYSERDA

Who is NYSERDA and What Do They Do

- New York State Energy Research and Development Authority(NYSERDA)
 - A public Benefit Corporation(1975)
 - Access to hundreds of technical experts
 - Provides technical assistance and financial incentives to implement, cost effective energy efficiency projects.
 - Funding through a Systems Benefit Charge(SBC)

What EDGE Offers

- Local, regionally-based access to NYSERDA's energy efficiency and research and development (R&D) programs.
- Boots on the ground outreach
 - 26 Regional Outreach Coordinators (ROCs) from across New York State's 10 regions
- ROCs will provide outreach to commercial, institutional, municipal, industrial and residential customers.

How Can ROCs Help Your Region?

- Match projects with available NYSERDA funding opportunities and other resources
- Create local partnerships to:
 - Encourage development & implementation of energy projects
 - Spur investment and job growth
- Support Regional Economic Development Councils (REDCs)
 - Provide information and assistance to priority projects

How Can ROCs Help Your Region?

- Help businesses create jobs by providing access to NYSERDA programs in sustainability
- Assisting with the Consolidated Funding Application (CFA)
- Educating the public on energy efficiency and renewable technologies
 - Business owners
 - Community leaders
 - Homeowners

ROC Organizations



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**

Small Commercial Energy Assessment

- Provides FREE energy assessments to small businesses and not-for-profit facilities
- Available to facilities with an average electric demand of 100 kW or less
- Help make informed electrical energy decisions and implement energy-efficiency strategies
- Audits help identify economically viable improvements that yield substantial annual energy savings

New Construction Program

Provides incentives and technical assistance for energy efficient new construction 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 Path – “Install then apply”

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.

Small, Simple Equipment Changeouts –

- Fixed incentives are available on a dollar-per-unit basis for smaller-scale lighting, HVAC, commercial refrigeration, commercial kitchen, gas equipment and other categories
- Measure worksheets help you calculate potential incentives
- Maximum incentives of \$30,000 for electric, \$30,000 for natural gas improvements
- No minimum incentive
- Submit your application for eligible equipment incentives up to 90 days after project completion

Existing Facilities Program

Performance Based Path – “Involve NYSERDA Early”

Performance-Based incentives are provided to encourage applicants to implement larger-scale projects that increase energy efficiency and produce verifiable annual energy savings. These incentives are available on a pro-rated basis related to the annual kilowatt or MMBtu savings generated.

- Large, Custom Improvements - Up to \$5 Million
- Custom incentives for larger-scale electric, natural gas, energy storage, combined heat and power, demand response and other projects
- Be confident about your return on investment through verified savings supported by engineering calculations
- Maximum incentives of up to \$5 million for manufacturers and data centers and \$2 million for all other sectors
- Minimum incentives of \$30,000
- Submit your application either before or within 90 days of contracting for the project

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 improve data processing efficiency
- Incentives are calculated based on a reduction in energy usage per unit of production or workload

Solar Photovoltaic

Basic Program

- Solar PV Incentive Program(< 200kW)
 - Up to 25 kW for residential
 - Up to 200kW for commercial

Making this even more attractive is:

- Federal tax credit of 30%
- Commercial customers can also depreciate 50% of actual cost (after incentives/tax credits) in year one.

Solar Photovoltaic

Basic Process

- System has to be less than 200kW
 - Find an eligible contractor
 - They will assist in the application process
 - All incentives will be paid to the contractor
 - Contractor will pass the incentives to the customer

Solar Hot Water

- Application must be submitted by an eligible installer
- Incentives are passed to the customer by the eligible installer.
- Incentives of 15-20% of installed cost; up to \$4,000 cap on residential and \$25,000 cap on commercial per site/per meter.
- Applications accepted through 12/31/2015

NYSERDA Residential Programs

- Home Performance with ENERGY STAR®
 - For Homeowners whose household income exceeds 80% of median household income for your area
 - Free Home Assessment
 - On-Bill Recovery Loan up to \$13k/\$25k (higher efficiency)
 - Smart Energy Loan up to \$13k/\$25k (higher efficiency)

NYSERDA Residential Programs

- Assisted Home Performance with ENERGY STAR®
 - For Homeowners whose household income is less than 80% of median household income for your area
 - Free Home Assessment
 - Up to \$5k to help income eligible homeowners save energy
 - On-Bill Recovery up to \$13k/\$25k (higher efficiency)
 - Smart Energy Loan up to \$13k/\$25k (higher efficiency)

More NYSERDA Programs

- Cleaner Greener Communities
- Wind Turbines
- Geothermal Heating and Cooling
- Agriculture Energy Efficiency
- Emerging Technologies and Commercialization
- Streamline permitting for Solar PV/
Electric Vehicle charging stations

If You are Interested

Contact your Regional Outreach Coordinator

Please take a listing of ROC's in your area!

Thank you!

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