

An aerial photograph of a city skyline, likely New York City, with numerous skyscrapers. Thick plumes of white steam or smoke are rising from the buildings, particularly from the rooftops, creating a hazy atmosphere. The sky is bright and clear.

# **NYSERDA Programs for Healthcare Facilities**

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**NYSERDA**

# Program Overview

Program	Details	Funding
FlexTech	Funds all manner of large and small energy studies.	50-100% cost share
On-site Energy Manager	Funds an energy manager embedded in an organization for an extended period of time.	75-100% cost share
Building Operations & Maintenance Training	Provides training to building operators.	In-kind contribution only
Competitive Solicitations for Implementation Funding	Commercial & Industrial Carbon Challenge Large-Scale Thermal Program Upcoming Hospital Program	Variable

# FlexTech

## PON 4192

### Flexible Technical Assistance Program - NYSERDA

- Covers 50%-100% of costs for projects that help identify and evaluate opportunities to reduce energy costs.
- The intent is to support studies/assessments that provide information on how to best implement clean energy and/or energy efficiency technologies.
- Some example eligible projects include (complete list on NYSERDA website):
  - Energy studies on individual buildings or campus-wide
    - Feasibility studies
    - Energy audits
    - Equipment-specific studies
    - Retro-commissioning
  - Clean Heating & Cooling or electrification analysis
  - Energy Master Planning
  - Climate action or sustainability planning
  - Load reduction studies
  - Indoor air quality studies

# FlexTech PON 4192

## Flexible Technical Assistance Program - NYSERDA

- May work with an approved FlexTech consultant or independent service provider; payments can do directly to the consultant in either arrangement
- Must pay into the System Benefits Charge (SBC) on electric bill
- Hospitals located in Disadvantaged Communities and Safety Net hospitals are eligible for a 100% cost share up to \$250,000 per study/facility through 12/31/2024, then 75% cost share
- Additional funding provided at a 50% cost share

# On-site Energy Manager PON 3701

[On-site Energy Manager Program  
- NYSERDA](#)

- Covers 75%-100% of costs associated with hiring a full or part time on-site energy manager to assess energy conditions and identify energy efficiency improvements
- Minimum time commitment of 20 hours per week for one year
- Maximum time commitment of 40 hours per week for four years
- Scope is general – OsEM can focus in all manner of activities related to energy management and efficiency
- OsEM role can be fulfilled by permanent staff, a consultant, or a hybrid of the two; payments go directly to the consultant for projects where the consultant is the applicant

# On-site Energy Manager

## PON 3701

On-site Energy Manager Program  
- NYSERDA

- Funding is capped at \$100,000 for small projects (<\$1m in annual energy spend) and \$200,000 for large projects
- Must pay into the System Benefits Charge (SBC) on electric bill
- Hospitals located in Disadvantaged Communities and Safety Net hospitals are eligible for a 100% cost share
- Two potential bonus payments of \$5,000 for small projects and \$7,000 for large projects if:
  - OsEM is retained for one full year following conclusion of engagement/previous bonus period
  - Energy savings of at least 1% over previous year can be demonstrated

# Building Operations and Maintenance Training

[Workforce Training - Building Operations & Maintenance - NYSERDA](#)

- Supports the development and execution of on-site training to advance the skills of building operations and maintenance workers.
- Third party training partner provides the training.
- The program will cover up to 90% of training costs with a cap of \$500,000.
- Participants can contribute in-kind funds (paying staff to attend training constitutes contribution).

# Strategic Energy Management

## Strategic Energy Management Program - NYSERDA

- Strategic energy management is a comprehensive approach to aligning energy efficiency with business practices and goals to achieve long-term benefits.
- Program offers two free training options.
- SEM On Demand:
  - Participant selects an Energy Champion to participate in the program.
  - Third party Energy Coach is assigned and meets regularly with the Energy Champion.
  - Multiple training sessions throughout the year.
  - Virtual Treasure Hunt is included in SEM On Demand.
- Virtual Treasure Hunts – Facilitated events focused on identifying and prioritizing:
  - Low- and no-cost operational changes that result in immediate energy and GHG savings
  - Short- and long-term capital improvements that will make the site more energy efficient
  - GHG reduction measures such as electrification, renewable energy generation, and energy storage opportunities.



# Heat Recovery

## PON 5547

[Heat Recovery Program - NYSERDA](#)

- Offers cost-sharing support for project assessment and design development to integrate heat recovery energy conservation measures within existing building retrofit and decarbonization plans.
- Provides up to 75% cost-share to applicants for two categories of activities:
  1. Heat Recovery Opportunity Assessment provides up to \$40k cost-share for consultants to assess a property's heat recovery opportunity by quantifying the heat that is currently rejected and analyzing its potential to be repurposed.
  2. Heat Recovery Project Design provides up to \$80k cost-share for consultants to develop schematic designs for technically and economically viable heat recovery projects.

# Heat Recovery

## PON 5547

[Heat Recovery Program - NYSERDA](#)

- May work with any capable consultant
- Must pay into the System Benefits Charge (SBC) on electric bill
- FlexTech and other NYSERDA program funds cannot be used to study the same decarbonization measures that would also be studied under Heat Recovery Program

Examples of potential designs for Category 2 include:

- Integrating Energy Recovery Ventilator (ERV) to existing or modified building ventilation systems
- Heat recovery chiller extracting heat from CW loop before it is rejected via cooling towers
- Wastewater heat pump recovering heat from wastewater at building scale before it exits to the municipality's sanitary sewer main

# Commercial & Industrial Carbon Challenge

[Commercial & Industrial \(C&I\) Carbon Challenge - NYSERDA](#)

- Competition for grant funding to support high impact emission reduction projects.
- To be eligible, large commercial and industrial energy users, or solutions providers servicing these sectors, must commit to reducing a minimum of 25,000 mtCO<sub>2</sub>e over the lifetime of the projects being awarded.
- NYSERDA will pay 50-75% of the overall award as project costs are incurred. The remaining funds will be paid upon completion of third-party M&V.
- Run annually, typically May through July. Details may change annually.

# Commercial & Industrial Carbon Challenge

[Commercial & Industrial \(C&I\) Carbon Challenge - NYSERDA](#)

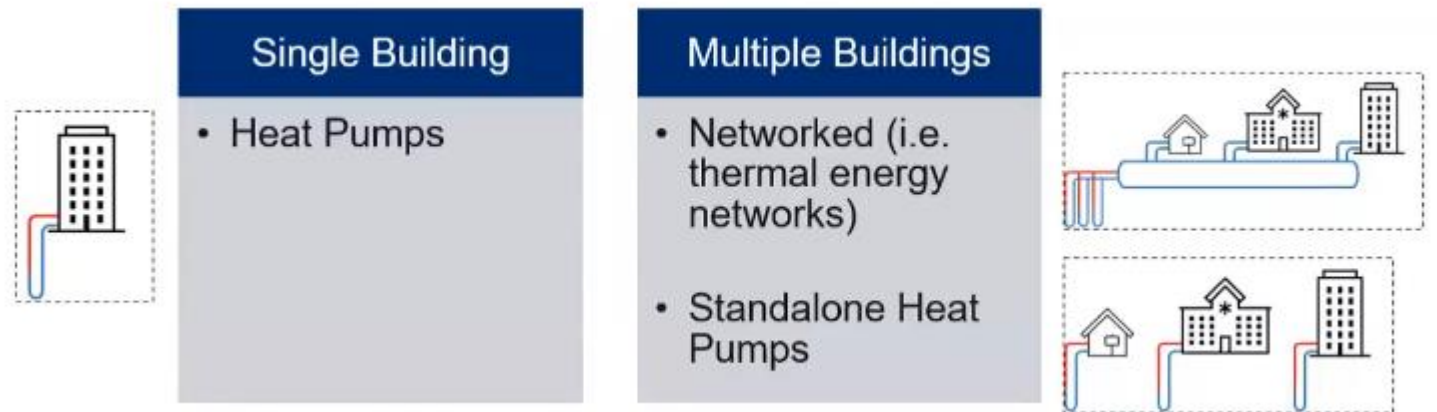
- Awards range from \$500k-\$3.75M. Awards are determined by the size of the carbon savings goal. As the amount of carbon saved increases, the financial incentives increase.
- For each ton of carbon reduced, NYSERDA will provide funding according to a marginal rate schedule shown below.

Payment Structure	
mtCO2e	\$ per mt CO2e
0 - 25,000	\$20.00
25,000 - 60,000	\$22.00
60,000 - 125,000	\$24.00
125,000+	\$26.00

# Large-Scale Thermal Program

[Large-Scale Thermal - NYSERDA](#)

- Round 2 Due Date: 01/30/2025
- Provides cost-share for design of large **single building** and **multiple building** large-scale thermal projects
- A large-scale thermal system uses **heat pumps** and **low carbon thermal resources**, such as the ground, surface water, wastewater, waste heat, and thermal energy storage, to provide heating, cooling, and hot water to one or more buildings



# Large-Scale Thermal Program

[Large-Scale Thermal - NYSERDA](#)

- The solicitation offers \$10 million of funding to large-scale thermal designs for single- and multiple-building projects.

## Eligibility:

- Cost share is a requirement
- Single building: minimum of 150,000 sq. ft. conditioned space
- Multiple buildings: minimum of two buildings, collocated on a single property or contiguous properties. Minimum of 250,000 sq. ft. conditioned space

Single or Multiple Buildings	Minimum Conditioned Space (SF)	Maximum NYSERDA Funding Per Award	Required Proposer Cost-Share
Multiple	250,000	Up to \$500,000 (existing buildings)	50% of total project cost
Single	150,000	Up to \$300,000 (new construction)	

# Clean Transportation Programs

[Clean Transportation Program -  
NYSERDA](#)

- Drive Clean Rebate – Offers rebates for the purchase of eligible electric vehicles.
- EV charging station programs – summary of programs offering funding and tax credits to support purchase and installation of EV charging equipment.
  - Utility companies offer support with feasibility assessments and charging equipment through the EV Make Ready program. Information about this can be accessed [here](#).
- New York Truck Voucher program – Offers incentives for replacing diesel vehicles with electric vehicles.

# NY-Sun

## NY-Sun Solar Program - NYSERDA

- Offers incentives and financing to support the purchase and installation of solar panel systems.
- The incentives provided vary throughout the state.
- Participants need to work with a participating contractor to determine eligibility for NY-Sun incentives. Contractors can provide free assistance with sizing/pricing before making a decision.
- Customers may also be eligible for tax credits and rebates.
- Payment: Participating contractor cannot invoice for payment until equipment is installed, however, the pricing may include the incentive so the participant may not be expected to cover that cost.



# Additional Items

- [New York Healthcare Decarbonization Guide](#) – step by step road map for decarbonization in hospitals
- Upcoming Hospital Program – funding for implementation – Q1 2025
- [Hydrogen Resources](#)
- [Other programs](#)

# Additional Items

- NYSERDA-Cornell Hospital Decision Making Tool
  - Software tool to aid hospitals in selecting and comparing different construction project portfolios in the context of meeting environmental and sustainability goals.
  - Input such as cash flows over time, construction duration, resource requirements, carbon emissions impact, etc. Objectives such as budgetary constraints, environmental goals/regulation
  - Output will be optimized project portfolios and schedule, as well as comparisons, sensitivity analysis, and scenario planning

# Key Takeaways

Need	Program	Funding
Energy Studies, Energy Master Plan, etc.	FlexTech	50-100% cost share
Energy Manager	On-site Energy Manager	75-100% cost share
Training for Building Operators	Building Operations & Maintenance Training	In-kind contribution only
Implementation Funding for Capital Projects	CI& Carbon Challenge Large-Scale Thermal Upcoming Hospital Program	Variable

# Questions & More Information

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