Clean Energy Action Plan

Programs to Help Customers Affected by a Natural Gas Moratorium

February 2020
Clean Energy Action Plan - NYS

New York State has implemented a Clean Energy Action Plan to provide options for businesses and residents affected by a natural gas constraint. This includes customers in Southern Westchester County, and the Town of Lansing, NY.

• Lower energy costs for consumers
• Promote economic development
• Deliver additional resources for new construction projects, energy efficiency awareness, and community support
• Achieve climate and clean energy objectives.
Clean Energy Action Plan - NYSERDA

NYSERDA enhanced incentives for existing programs and created and funded new programs.

**New Construction:** $41 million in incentives and services is available to new customers, including low- to moderate-income residential developments and waitlisted natural gas customers, to access alternative heating and cooling systems and energy efficiency services.

**Energy Efficiency:** $33 million in investments is available to implement energy efficiency measures for existing customers to reduce overall peak demand constraints.

**Additional Incentives:** NYSERDA increased incentives for residential and commercial customers to install clean heating and cooling systems in the natural gas constrained areas, available through March 31, 2020*.

**Community Outreach:** A consumer awareness campaign will help communities, businesses, and individuals access the available programs and incentives to help them heat their homes with clean resources and reduce energy waste.

NYPA is providing additional financing services for their customers in Westchester.

*utility programs are expected to launch April 1, 2020
Clean Energy Action Plan Coverage Maps

Westchester County

Town of Lansing
Heat Pumps
Ground source heat pump systems heat and cool by transferring thermal energy from the ground to a building without any harmful emissions or additional fuel.
Ground Source Heat Pumps

Commercial and Multifamily Buildings

• **Increasing incentives** by 25% equating to $1,500/ton in natural gas constrained areas. Customers can receive up to $5 million per project.*

• **Free Screening** tool and report to assess the potential electrification of buildings 10,000 square feet and larger in natural gas constrained areas.

Residential Homes

• **Increasing incentives** by 25% equating to $1,875/ton in natural gas constrained areas. An average single family home will receive approximately between $7,500 - $9,375 of financial assistance.*

• **Loan options** (including on-bill financing) are available to help residents finance energy efficiency and renewable energy improvements. Additionally, lower interest rates are offered to low income New Yorkers and those who cannot qualify for traditional financing.

*Available through March 31, 2020, when utilities are expected to launch their own clean heating and cooling programs
Air Source Heat Pumps

heat and cool your home by transferring air between the inside and outside while creating a more comfortable indoor environment.
Air Source Heat Pumps

Commercial and Multifamily Buildings
• **Free Screening** tool and report to assess the potential electrification of buildings 10,000 square feet and larger in natural gas constrained areas.

Residential Homes
• An **incentive** of $1,000/thermal ton for whole-house air source heat pumps is being introduced Statewide. An average single family home will receive approximately $3,000-$4,000 in financial assistance.*
• Provide **assistance** for control packages and dual fuel thermostats to ensure efficient operation during the heating season.
• **Loan options** (including on-bill financing) are available to help residents finance energy efficiency and renewable energy improvements. Additionally, lower interest rates are offered to low income New Yorkers and those who cannot qualify for traditional financing.

*Available through March 31, 2020. Utilities launch their clean heating and cooling programs.
Community Support

Clean Heating and Cooling Communities
Support for communities to increase customer awareness of Clean Heating & Cooling technologies like ground source heat pumps, air source heat pumps, solar heating and cooling, and biomass can help lower energy bills and reduce emissions of harmful greenhouse gases while making homes and businesses more comfortable.

Active Campaigns:

**Sustainable Westchester – HeatSmart Westchester**
Lauren Brois
laurenb@energizeny.org
914-302-7300 ext. 8102

**Solar Tompkins – HeatSmart Tompkins**
Jonathan Comstock
Jonathan@solartompkins.org
607-351-1752
Residential Energy Efficiency
Comfort Home Program

New Program for Westchester Residents

Seal and Insulate

The Comfort Home Program offers seal and insulate packages at a reduced cost in limited markets across New York State. These packages are offered by trained and qualified Comfort Home contractors who can help homeowners solve common problems like drafty areas in your home, rooms that are difficult to keep cool in summer, and reduce the occurrence of ice dams in winter. Incentives from $500 to $4,000 may be available for installation of seal and insulate packages, depending on the type of improvements being made.

It all starts with a no-fee consultation with a trained and qualified contractor who will help select the improvement package that is right for each home, including available rebates and financing. In addition, the Comfort Home contractor will provide homeowners with information about clean heating and cooling heat pump equipment options.

> Visit nyserda.ny.gov/ComfortHome to learn more
New Construction
Commercial New Construction

Support for Net Zero Energy, Deep Energy Savings Projects, and/or Smart Buildings

**Zero Net Energy**
Projects where the energy generated annually by renewable on-site or distributed generation resources matches the building energy consumption.

**Deep Energy Savings**
Projects where the predicted energy savings exceed the designated baseline by at least 25%. For All-Electric projects, the predicted energy savings must exceed the designated baseline by at least 20%.

**Smart Buildings**
Projects that interconnect HVAC, lighting, plug loads, fire & life safety, security & access, people movement, analytics & management and smart metering to transform efficiency, comfort and safety for people and assets.

**Technical Support** (Energy Modeling, Analysis and Report; Integrated Project Delivery and/or Advanced Controls Commissioning)
- NYSERDA will pay 100% of the technical consultant’s costs up to a maximum $200,000 per project. Includes assessment of electrification options.

**Financial Support** (in addition to the capital cost incentives for heat pumps)

**Energy Performance Incentive:**
- Up to a maximum of $450,000 for all-electric projects or projects in gas constrained areas (traditional incentive is up to $350,000 per project)

**Design Incentive:** (only for all-electric projects and projects in gas constrained areas)
- 5% of the energy performance incentive. The minimum design incentive is $5,000 and the maximum is $50,000.

**Additional Smart Buildings Incentive:**
- 50% of the increased costs of installing smart meters, equipment, and controls to achieve a fully integrated smart building, up to a maximum $100,000 per project.
Technical and Financial Support to high-rise, multifamily residential builders and developers who construct to high energy-efficiency standards including net-zero energy buildings.

Increased incentive levels for projects in the gas constrained areas based on energy performance and the number of units. Higher levels of support will be allocated to buildings for low- to moderate-income residents.

Total Program Funds Available: $26,850,000

Maximum Incentive per Building: $500,000 for Market Rate buildings
$600,000 for LMI buildings
Competitive Awards for New Construction

Statewide Comprehensive New Construction, Gut Rehabilitation, and Business Expansion Projects Including Gas Efficiency and Electrification

Commercial, Industrial, and Mixed Use Buildings

- Net Zero for Economic Development (with extra points for gas reduction in constrained areas):
  - Coming Soon!
  - One-stop program for Commercial, Industrial, and Mixed-Use Buildings to Achieve Net Zero Energy

Multifamily Buildings (with high efficiency and low/zero carbon emissions)

Round two launched October 29, 2019, proposals are due April 22, 2020.

- Awards of up to $1 million
- Awards in addition to other funding
- Additional rounds planned in 2020 and 2021

Round one resulted in six projects located in gas constrained areas
Existing Facilities and Customers
Existing Buildings: Commercial, Industrial, and Multifamily

Additional support is available to help existing Westchester natural gas customers: understand clean energy options, plan and design efficiency and electrification projects, and reduce their energy use.

**FlexTech**
Financial support for completing an energy study to identify and evaluate opportunities to reduce energy costs and incorporate clean energy into capital planning. The study can evaluate which building performance systems may be right for your business. (50% cost share)

**Real Time Energy Management**
Financial support for the hardware, software, and consulting services used to gain visibility into the operation of a building's energy systems. Data is gathered in real time for analysis that leads to improved building performance, increased occupant comfort, and greater energy efficiency. (30% cost share)

**Free Screening for Heat Pumps**
Free Screening tool and report to assess the potential electrification of buildings 25,000 square feet and larger.
Competitive Awards for Large Existing Buildings

Comprehensive Projects Including Gas Efficiency and Electrification

Statewide Effort (with extra points for gas reduction in constrained area)

• Energy to Lead (Universities and Colleges): now open with proposals due February 20, 2020
  - $5 million in funding available, awards of up to $1 million

Specific Effort Only Available for Gas Constrained Areas

Carbon Challenge

Coming Soon!

• $15 million in funding available, awards of up to $5 million
Small Business -- Offered in Westchester Only

Business Energy Pro – Pay for Performance Initiative
An innovative collaboration between NYSERDA and Con Edison to that will offer comprehensive energy efficiency offerings to small/medium businesses in Staten Island and Westchester County.

Coming Soon!
Strategies to Build Market Capacity

In addition to customer incentives, NYSERDA is investing over $200 million in the region and throughout the State to build market capacity and drive reductions in installed cost for efficient and clean building electrification solutions.

These investments include:

• **Workforce Development:** Partner with businesses and training providers to accelerate workforce development to meet market demand

• **Consumer Awareness:** Provide consumer education and community engagement to build demand and reduce soft costs

• **Low-to Moderate-Income Consumers:** Support development of electrification solutions that address affordability and issues affecting the low-income building stock

• **Supply Chains:** Develop effective clean heat supply chains

• **Technical Assistance:** Provide technical assistance to help consumers navigate options

• **Demonstrations and Pilots:** Invest in technology innovation to drive performance improvements
Learn more and sign up to receive program updates as more information becomes available.

NYSERDA.ny.gov/actionplan