

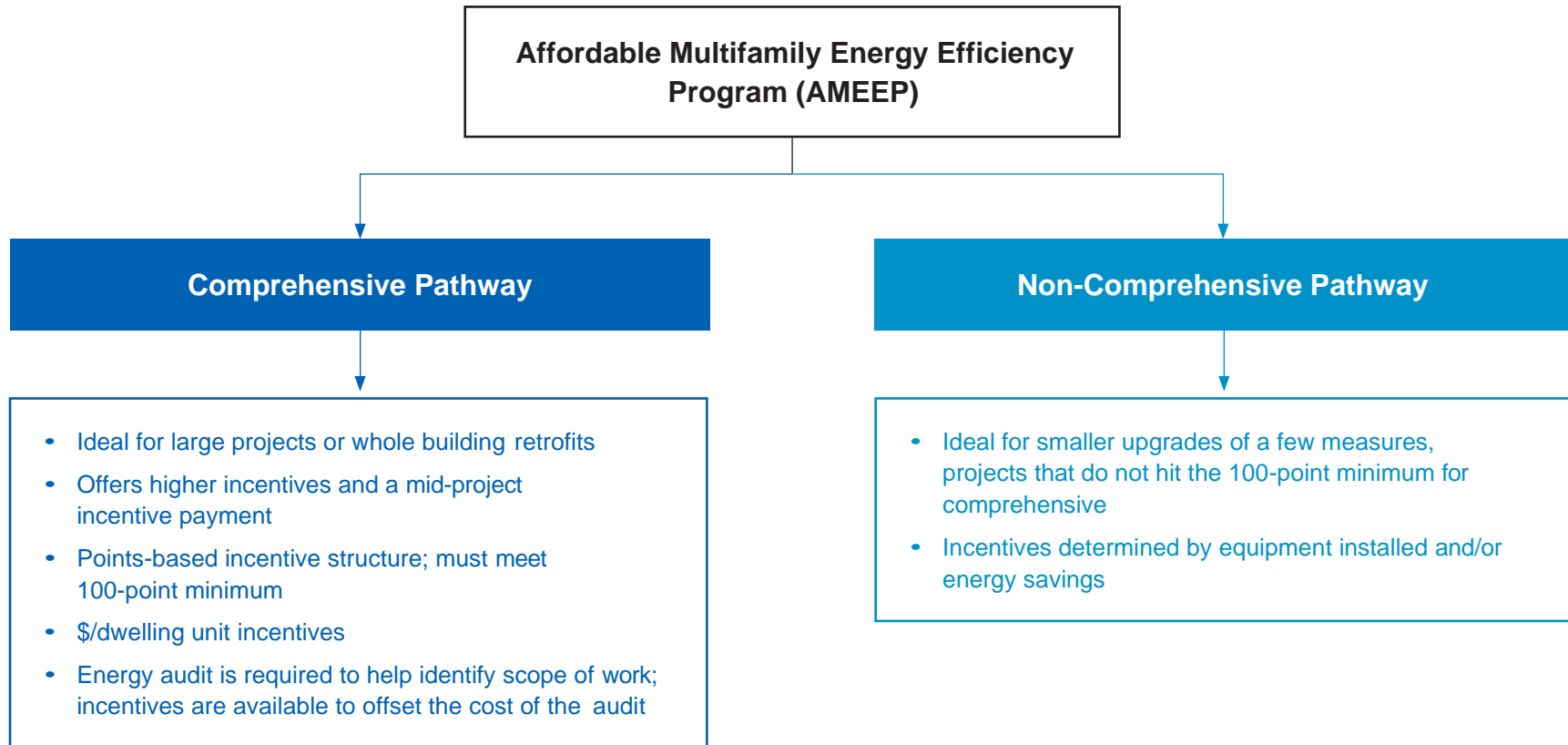
# New York State Affordable Multifamily Energy Efficiency Program

Upstate Incentives

## How to Save Money and Use Less Energy

Own or manage an affordable multifamily building with 5+ residential units? Take advantage of financial incentives for approved equipment upgrades that can help make your property more energy-efficient and reduce your monthly bills. This is offered exclusively to buildings that were developed and are currently being maintained as affordable housing where supporting documentation can be provided. These rates apply to customers of Central Hudson Gas & Electric, National Grid in the Niagara Mohawk region, National Fuel Gas, New York State Electric & Gas (NYSEG), Rochester Gas & Electric (RG&E), and Orange & Rockland

The program has been structured into two separate pathways: **Comprehensive** and **Non-Comprehensive**



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## Comprehensive Pathway Incentives Electric/Gas

HOW TO DETERMINE YOUR INCENTIVE		
Step 1	Step 2	Step 3
Add up points associated with measures you would like to install for your project	Identify if your project falls under Tier 1 (100-149 points) or Tier 2 (150+ points)	Multiply the incentive associated with your tier with the number of dwelling units in your building(s)

COMPREHENSIVE PATHWAY POINT ALLOCATION PER MEASURE				
40 Points Per Measure	30 Points Per Measure	20 Points Per Measure	10 Points Per Measure	5 Points Per Measure
<ul style="list-style-type: none"> <li>• Windows replacement</li> <li>• Insulation (roof)</li> <li>• Insulation (wall)</li> <li>• Boiler replacement</li> </ul>	<ul style="list-style-type: none"> <li>• Domestic hot water heater replacements</li> </ul>	<ul style="list-style-type: none"> <li>• Energy management system (EMS)</li> <li>• Hot water and steam pipe insulation</li> <li>• Central cooling</li> <li>• Elevators</li> <li>• Ventilation such as energy recovery ventilators</li> </ul>	<ul style="list-style-type: none"> <li>• Air sealing</li> <li>• Orifice plates</li> <li>• Steam traps</li> <li>• Thermostatic Radiator Valves (TRVs)</li> <li>• HVAC electric controls (BMS, thermostats)</li> <li>• Motors and drives</li> </ul>	<ul style="list-style-type: none"> <li>• Boiler clean &amp; tune</li> <li>• Common area lighting</li> <li>• In-unit direct install measures such as faucet aerators, showerheads, LEDs</li> <li>• Appliances (stoves, refrigerators, washer/dryers, dishwashers)</li> </ul>

INCENTIVE TIERS		
Tier	Minimum Points	Incentive (\$/Dwelling Unit)
Tier 1	100	\$900
Tier 2	150	\$1,200

Please see page 8 (Appendix) of this document to see a full list of Comprehensive Pathway Measure Points.

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## Program Pathway Examples Electric/Gas

BUILDING 1 EXAMPLE					
# Dwelling Units	Scope of Work (points)	Total points	Path	Tier	Total Incentives
125	Boiler replacement (40) EMS (20) Pipe insulation (20) Air sealing (10) Common area lighting (5) In-unit lighting (5)	100	Comprehensive	1	\$112,500 (125 dwelling units x \$900 incentive per dwelling unit)
BUILDING 2 EXAMPLE					
# Dwelling Units	Scope of Work (points)	Total points	Path	Tier	Total Incentives
200	Window replacement (40) Roof insulation (40) Domestic hot water heater replacement (30) Pipe insulation (20) Air sealing (10) Common area lighting (5) In-unit lighting (5)	150	Comprehensive	2	\$240,000 (200 dwelling units x \$1,200 incentive per dwelling unit)
BUILDING 3 EXAMPLE					
# Dwelling Units	Scope of Work (points)	Total points	Path	Tier	Total Incentives
25	EMS (20) Common area lighting (5) In-unit lighting (5)	30	Non-Comprehensive	N/A	Varies by specific measure installed, see incentive rates under non-comprehensive section

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## Non-Comprehensive Pathway Incentives Electric

	Installed Measure	Incentive Details	Upstate Incentive \$
Common Area Lighting	Exterior New Fixtures	HID Less than or equal to 100 W	\$94.00 per fixture or 70% of installed cost, whichever is higher**
		HID Over 100 W	\$131.00 per fixture or 70% of installed cost, whichever is higher**
		Non-HID Fixture Replacing Screw-in/Pin Based Lamp	\$68.00 per fixture or 70% of installed cost, whichever is higher**
	Lighting Controls	Bi-level fixtures - Stairwell, corridor, parking garage	\$86.00 per fixture or 70% of installed cost, whichever is higher**
		Bi-level fixtures - parking lot	\$68.00 per fixture or 70% of installed cost, whichever is higher**
	Interior Fixtures		\$56.00 per fixture or 70% of installed cost, whichever is higher**
Non-Lighting Custom Measures	Unitary Controls	Any non-central building system control projects (e.g., Wi-Fi thermostats connected to an in-unit PTAC or PTHP) may be submitted as a custom project	\$0.14 per kWh
	Custom Other	Other non-lighting efficiency upgrades not listed in this document may be eligible for performance-based custom incentive	\$0.49 per kWh
HVAC Measures	AC - Central Unit Replacement		\$0.49 per kWh
	Packaged Terminal Air Conditioner		\$0.49 per kWh
	Elevator Modernization		\$0.26 per kWh
	Variable Frequency Drive (VFD)		\$0.22 per kWh
	Blower Fan - with EC Motor for Furnace Distribution		\$0.56 per kWh
	Circulator Pump - with EC Motor for Hydronic Distribution		\$0.56 per kWh
Direct Install	LED Lighting	LEDs A Lamps (in-unit)	Free
		Tube Lamps	Free or \$11.00 per lamp*
		Screw-in Lamps	Free or \$6.00 per lamp*
		LED Exit signs	Free or \$11.00 per sign*
		Relamp, Reballasting, Retrofit	Free or \$21.00 per fixture*
		Common Area Room Occupancy Sensor	Free or \$18.00 per fixture*

# New York State Affordable Multifamily Energy Efficiency Program

## Upstate Incentives

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\* For upstate utilities, except O&R, these measures are provided for free if the customer uses a direct install contractor provided by the Implementation Contractor. If a customer chooses a contractor that is not provided by the Implementation Contractor, they will receive the incentive outlined above, instead of receiving the measure for free. O&R customers are only eligible for the upstate incentive amount.

\*\*For Upstate utilities, except for O&R, these measures are provided at 70% of installed cost. O&R customers are eligible for the stated per-fixture Upstate incentive amount. "Installed cost" is the price used by the Implementation Contractor for direct install program projects.

# New York State Affordable Multifamily Energy Efficiency Program

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## Non-Comprehensive Pathway Incentives Gas

		Installed Measure	Incentive Details	Upstate Incentive \$	
Common Area			<b>Hot Water Boilers</b>	\$6.00 per MBH	
			<b>Condensing Boilers</b>	\$12.00 per MBH	
			<b>Steam Boilers</b>	\$6.00 per MBH	
			<b>Furnaces</b>	\$6.00 per MBH	
			<b>Storage Tank Water Heaters</b>	\$10.00 per gallon	
			<b>Energy Management Systems</b>	Boiler control system with multiple temperature sensors for steam or water lines, flue gas, and indoor air, and remote system monitoring capability (250+ units may apply for the custom incentive rate)	# of Units
				10-19 units	\$2,250
				20-40 units	\$3,750
				41-99 units	\$7,500
			100-249 units	\$11,250	
			<b>Linear Pipe Insulation</b>	Fiberglass insulation of rigid foam	
				< 2" Diameter	\$4.00 per linear ft
				> 2" Diameter	\$8.00 per linear ft
			<b>Building Envelope</b>	Roof and wall insulation, window replacement	\$150 per MMBtu
		<b>Steam Traps</b>	Covers the repair or replacement of steam traps in low pressure heating systems (<15 psig)	Common areas - \$225 per failed trap	
			Incentive includes credit towards completing the program required survey	All other radiators - \$75 per failed trap	
		<b>Boiler Clean and Tune</b>	This measure covers an advanced clean & tune procedure performed on a steam or hot water boiler (routine seasonal boiler tune-ups will not be incentivized)	\$560 per boiler	
				\$860 for two boiler plant	
				\$1,350 for three boiler plant	
		<b>Furnace Clean and Tune</b>	This measure covers an advanced clean & tune procedure performed on a furnace (routine seasonal furnace tune-ups will not be incentivized)	\$560 for 1 <sup>st</sup> unit	
				\$860 for two furnaces	
				\$1,350 for three furnaces	

# New York State Affordable Multifamily Energy Efficiency Program

## Upstate Incentives

### Non-Comprehensive Pathway Incentives Gas

	Installed Measure	Incentive Details	Upstate Incentive \$
Packaged Measures	Air Sealing	This package will include repair and weather sealing of louver vents, exterior doors, common area windows, and the general perimeter of the basement. With the exception of O&R customers, this will also include caulking around in-unit windows and baseboards that are drafty and providing outlet and switch insulated covers, as well as foam sealant or caulking between penetrations in the unit to unconditioned spaces.	\$5.00 per therm
	2-Pipe Steam Retro-Commissioning	Treats heating imbalance issues by designing and installing: <ul style="list-style-type: none"> <li>a) Air vents on all main pipes (atmospheric systems)</li> <li>b) Thermostatic radiator valves and orifice plates on every radiator</li> <li>c) Clean and tune up of boiler and burner, including firing rate, draft adjustment, water cleaning, electronic pressure control, and combustion testing</li> <li>d) Steam trap repair throughout common areas</li> </ul>	\$3.00 per therm
Custom Measures	Unitary controls	Simple control equipment installations that do not allow for multiple data inputs (i.e. decision made on a single data point, is manually programmed/operated/or scheduled, or does not allow for real-time monitoring and control through a software package or building communications protocol). This includes Wi-Fi thermostats, thermostatic radiator valves, building management systems, and ventilation controls.	\$0.75 per therm
	Non-simple controls and other	Other energy efficiency upgrades not listed in this document may be eligible for custom incentives. Final custom measure eligibility, savings and incentives are determined at the sole discretion of the Program Administrator. Custom projects include but are not limited to: boiler economizers, linkageless burner controls, and heat pump boiler pre-heaters.	\$3.00 per therm
Direct Install	Faucet Aerators (in-unit)		Free
	Showerheads (in-unit)		Free
	DHW Pipe Insulation (½" or ¾" diameter)		Free*

\* This measure is not eligible for direct install for O&R customers

# New York State Affordable Multifamily Energy Efficiency Program

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## Start saving money and energy today

Incentives are available on a first come, first serve basis, so we encourage you to take advantage of this special opportunity right away!

### Central Hudson customers

Visit: [centralhudson.com/multifamily-ee-program](http://centralhudson.com/multifamily-ee-program)

Call: 845-632-6722

Email: [CentralHudsonMultifamily@Willdan.com](mailto:CentralHudsonMultifamily@Willdan.com)

### National Grid customers in the Niagara Mohawk region

Visit: [ngrid.com/uny-ameep](http://ngrid.com/uny-ameep)

Call: 800-266-9989

Email: [Multifamily@nationalgrid.com](mailto:Multifamily@nationalgrid.com)

### National Fuel Gas customers

Visit: [www.nationalfuel.com/utility/affordable-multifamily-energy-efficiency-program](http://www.nationalfuel.com/utility/affordable-multifamily-energy-efficiency-program)

Contact: See contact information listed at your electric utility (National Grid or NYSEG)

### NYSEG customers

Visit: [nyseg.com/AffordableMultifamily](http://nyseg.com/AffordableMultifamily)

Call: 800-444-5668

Email: [MFEnergySavings@RISEEngineering.com](mailto:MFEnergySavings@RISEEngineering.com)

### RG&E customers

Visit: [rge.com/AffordableMultifamily](http://rge.com/AffordableMultifamily)

Call: 800-444-5668

Email: [MFEnergySavings@RISEEngineering.com](mailto:MFEnergySavings@RISEEngineering.com)

### Orange & Rockland customers

Visit: [oru.com](http://oru.com)

Call: 844-316-4288

Email: [ORUMultifamily@willdan.com](mailto:ORUMultifamily@willdan.com)

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### Comprehensive Pathway Measure Points - Full List

Measure Category	Measure	Points	Measure Category	Measure	Points
Appliances	Dishwashers	5	HVAC controls	BMS	10
Appliances	Dryers	5	HVAC controls	Domestic hot water controls	10
Appliances	Refrigerators	5	HVAC controls	Smart thermostats	10
Appliances	Stoves	5	Building shell	Window film	20
Appliances	Washers	5	HVAC	Central air conditioning	20
Clean and tune	Boiler clean and tune	5	HVAC	Chiller	20
Clean and tune	Furnace clean and tune	5	HVAC	Cooling tower	20
Common area lighting	Bi-level fixtures - parking lot*	5	HVAC	Economizer - dual enthalpy air-side	20
Common area lighting	Bi-level fixtures - stairwell, corridor, parking garage*	5	HVAC	Energy recovery ventilators	20
Common area lighting	Exterior fixture HID less than or equal to 100 W*	5	HVAC	Heat recovery ventilators	20
Common area lighting	Exterior fixture HID over 100 W*	5	HVAC	Ventilation overhaul	20
Common area lighting	Exterior fixture non HID fixture replacing screw-in/pin based lamp*	5	HVAC	Packaged terminal air conditioner	20
Common area lighting	Interior fixtures*	5	HVAC	VRF cooling only	20
Common area lighting	LED exit signs*	5	HVAC controls	EMS	20
Common area lighting	Occupancy sensors*	5	HVAC controls	Smart thermostatic radiator enclosure	20
Common area lighting	Relamp and rebalasting, retrofit kits*	5	Insulation of heat and hot water	Boiler jacket***	20
Common area lighting	Screw-in lamps*	5	Insulation of heat and hot water	Domestic hot water pipe insulation***	20
Common area lighting	Tube lamps*	5	Insulation of heat and hot water	Steam or heating hot water pipe insulation***	20
In-unit	Faucet aerators*	5	Insulation of heat and hot water	Tank insulation***	20
In-unit	LED lamps	5	Motors and drives	Elevator modernization	20
In-unit	Low-flow showerheads*	5	Domestic hot water	Domestic hot water - indirect water heater	30
Air sealing	Air sealing package: door weather stripping, door sweep, door threshold/extender, door replacement, window repair, fixed louver partial cover, seal air leaks with foam sealant	10	Domestic hot water	Domestic hot water - instantaneous domestic water heater	30
Motors and drives	Blower fan – with electronically commutated (EC) motor for furnace distribution	10	Domestic hot water	Domestic hot water - storage tank water heater	30
Motors and drives	Pumps – Hydronic Space Conditioning	10	Building shell	Insulation – roof**	40
Motors and drives	Pumps – Domestic Water Usage	10	Building shell	Insulation – walls	40
Motors and drives	Motors	10	Building shell	Window replacement	40
Motors and drives	VFD	10	HVAC	Boiler replacement - condensing	40
HVAC	Air compressors	10	HVAC	Boiler replacement - hot water	40
HVAC	Air handlers	10	HVAC	Boiler replacement - steam	40
HVAC	Boiler burner replacement	10	HVAC	Furnace replacement	40
HVAC	Exhaust fans	10			
HVAC	Master venting**	10			
HVAC	Orifice plates**	10			
HVAC	Steam traps	10			
HVAC	Thermostatic radiator valves**	10			

\*A maximum of 5 points can be achieved in the common area lighting category, regardless of how many common area lighting measures are installed.

\*\*These measures have a co- or pre-requisite for achieving associated points. See the Program Manual for these requirements.

\*\*\* A maximum of 20 points can be achieved under the insulation of heat and hot water category, regardless of how many of these measures are installed.

\*A maximum of 5 points can be achieved for in-unit gas measures (faucet aerators and/or low-flow showerheads), regardless if only one measure type is installed or both

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